

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051019\
 Data File : BE099599.D
 Acq On : 10 May 2019 15:19
 Operator : JU/SJ
 Sample : PB119621BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB119621BSD

Manual Integrations
 APPROVED

Sohil
 5/13/2019 8:33:23 PM

Quant Time: May 11 01:06:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 09 13:32:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	2214	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	7401	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	4789	0.40	ng	0.00
19) Phenanthrene-d10	17.24	188	12810	0.40	ng	0.00
27) Chrysene-d12	21.43	240	19383	0.40	ng	0.00
34) Perylene-d12	23.97	264	23052	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2025	0.33	ng	0.00
5) Phenol-d6	6.97	99	2824	0.36	ng	0.00
8) Nitrobenzene-d5	8.98	82	2362	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	4093m	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	765	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	6314	0.34	ng	0.00
25) Fluoranthene-d10	19.27	212	57768	0.34	ng	0.00
29) Terphenyl-d14	19.87	244	12703	0.37	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.31	88	920	0.295	ng	# 65
3) n-Nitrosodimethylamine	3.63	42	683	0.353	ng	# 96
6) bis(2-Chloroethyl)ether	7.24	93	2211	0.334	ng	97
9) Naphthalene	10.67	128	28586	0.362	ng	99
10) Hexachlorobutadiene	10.95	225	1974	0.347	ng	98
12) 2-Methylnaphthalene	12.30	142	4662	0.362	ng	99
16) Acenaphthylene	14.21	152	7447	0.321	ng	99
17) Acenaphthene	14.56	154	4363	0.337	ng	99
18) Fluorene	15.53	166	6114	0.331	ng	99
20) 4-Bromophenyl-phenylether	16.43	248	2475	0.339	ng	100
21) Hexachlorobenzene	16.53	284	2533	0.345	ng	99
22) Pentachlorophenol	16.91	266	537	0.380	ng	99
23) Phenanthrene	17.28	178	11094	0.349	ng	100
24) Anthracene	17.38	178	10224	0.342	ng	100
26) Fluoranthene	19.30	202	17160	0.359	ng	100
28) Pyrene	19.67	202	18335	0.359	ng	99
30) Benzo(a)anthracene	21.40	228	23907	0.404	ng	98
31) Chrysene	21.46	228	22837	0.386	ng	99
32) Bis(2-ethylhexyl)phthalate	21.32	149	32965	0.388	ng	99
33) Indeno(1,2,3-cd)pyrene	26.67	276	28105	0.381	ng	100
35) Benzo(b)fluoranthene	23.18	252	24061	0.378	ng	99
36) Benzo(k)fluoranthene	23.24	252	24620	0.389	ng	99
37) Benzo(a)pyrene	23.85	252	23702	0.384	ng	99
38) Dibenzo(a,h)anthracene	26.70	278	24048	0.373	ng	100
39) Benzo(g,h,i)perylene	27.50	276	24224	0.371	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

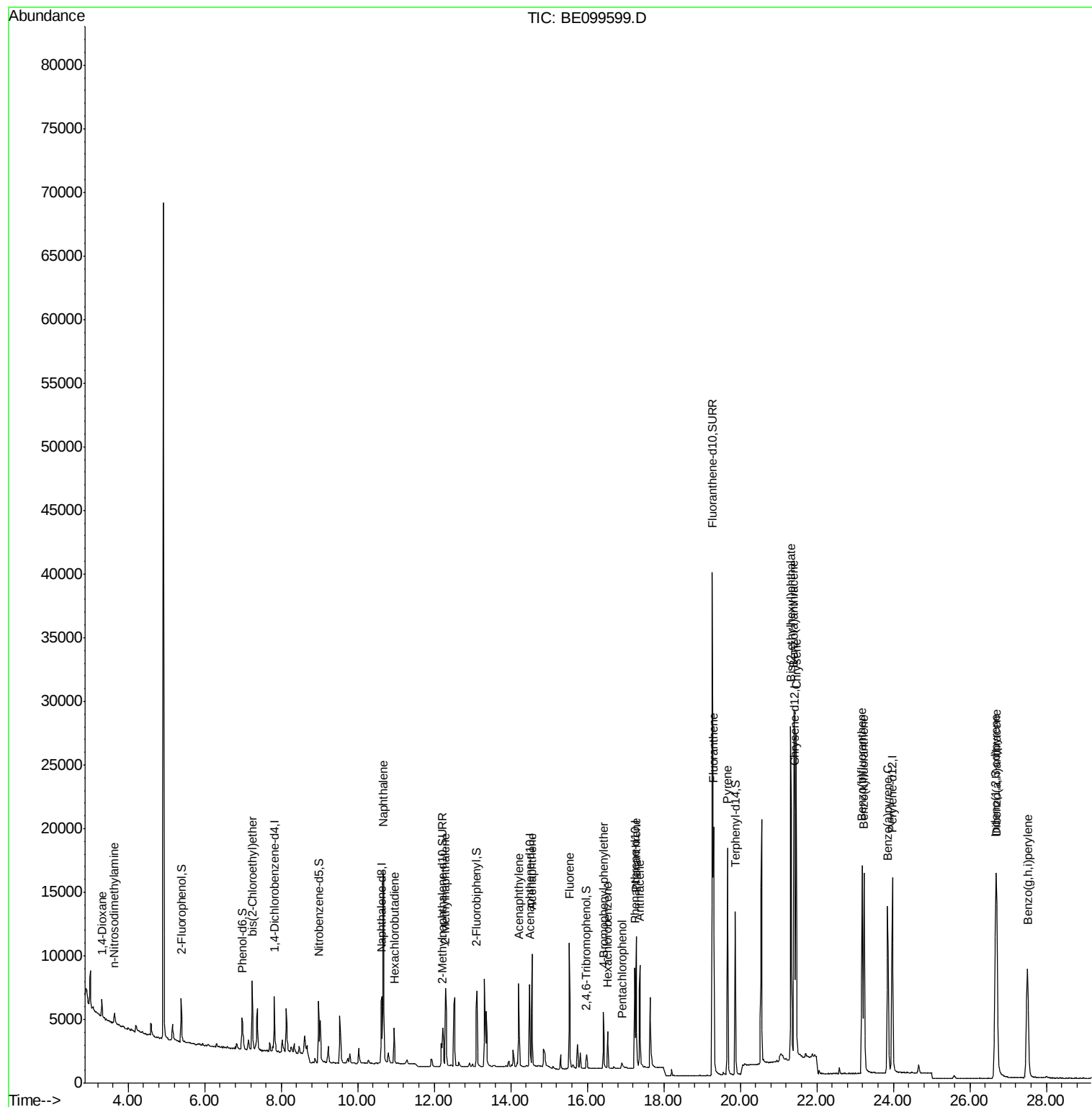
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE051019\
Data File : BE099599.D
Acq On : 10 May 2019 15:19
Operator : JU/SJ
Sample : PB119621BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

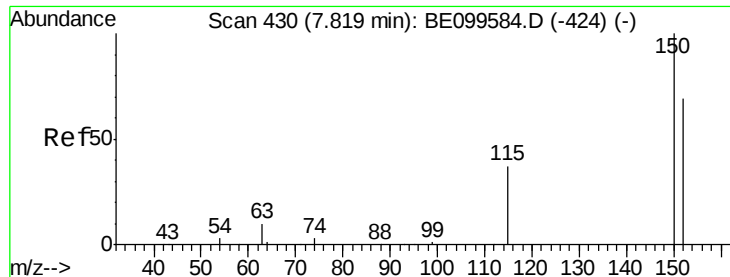
Instrument :
BNA_E
ClientSampleId :
PB119621BSD

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Quant Time: May 11 01:06:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE050919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 09 13:32:58 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.82 min Scan# 430

Delta R.T. -0.00 min

Lab File: BE099599.D

Acq: 10 May 2019 15:19

Instrument :

BNA_E

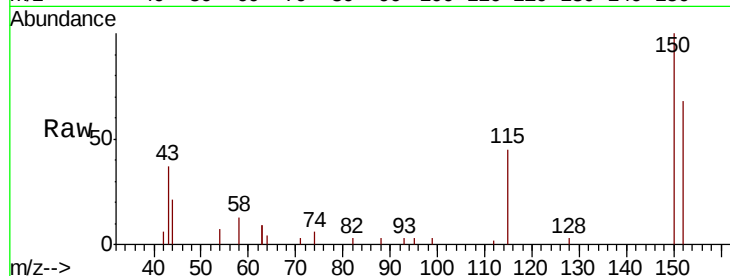
ClientSampled :

PB119621BSD

Tot Ion:	152	Resp:	2214
Ion	Ratio	Lower	Upper
152	100		
150	147.4	114.2	171.4
115	66.2	45.4	68.0

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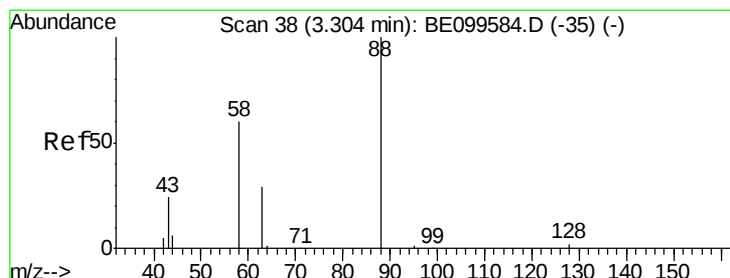
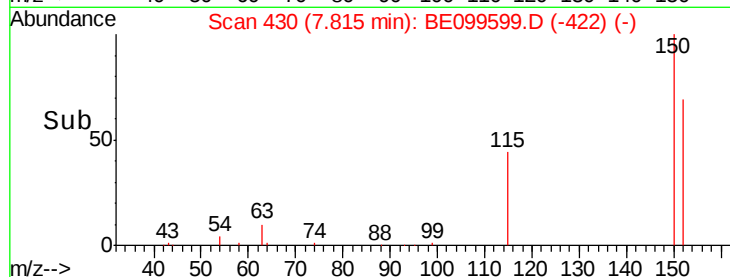
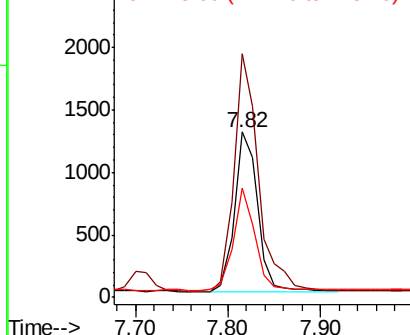


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.295 ng

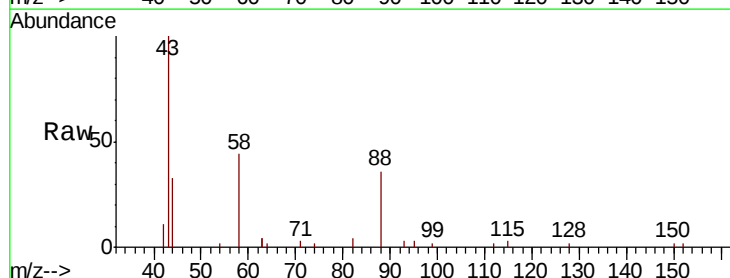
RT: 3.31 min Scan# 39

Delta R.T. 0.01 min

Lab File: BE099599.D

Acq: 10 May 2019 15:19

Tgt Ion:	88	Resp:	920
Ion	Ratio	Lower	Upper
88	100		
58	69.9	41.3	61.9#
43	52.8	21.0	31.6#

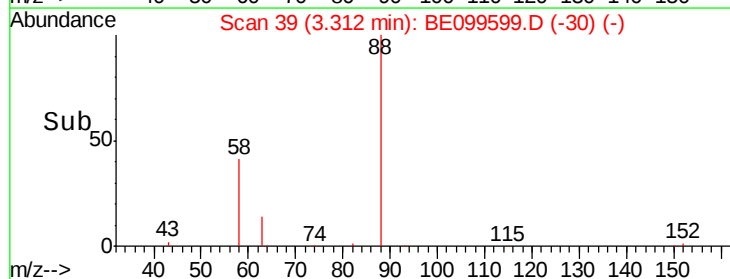
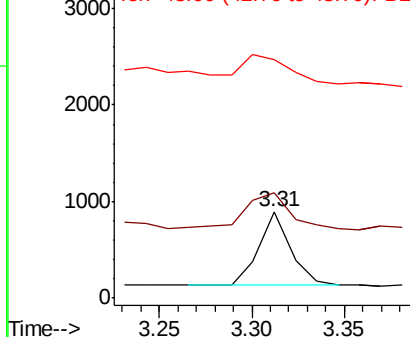


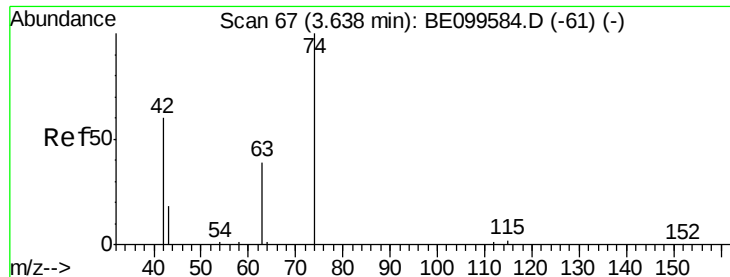
Abundance

Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.353 ng

RT: 3.63 min Scan# 67

Delta R.T. -0.00 min

Lab File: BE099599.D

Acq: 10 May 2019 15:19

Instrument :

BNA_E

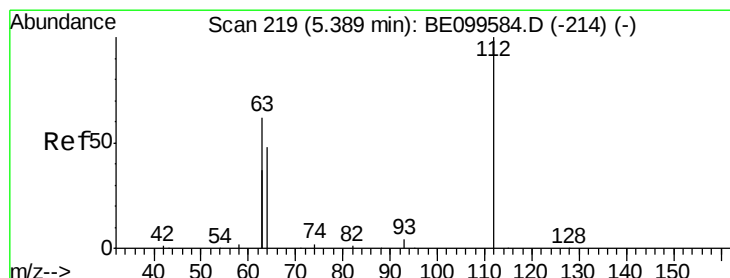
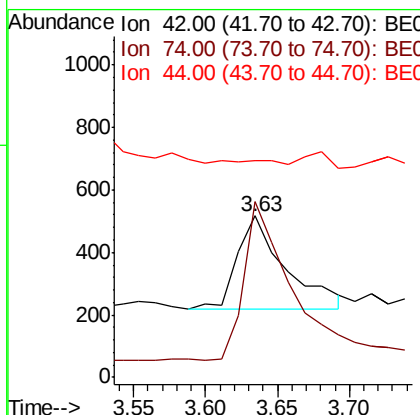
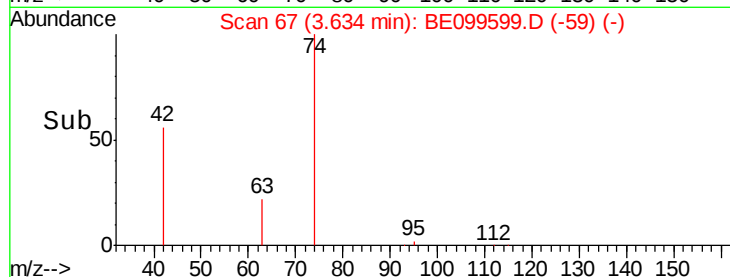
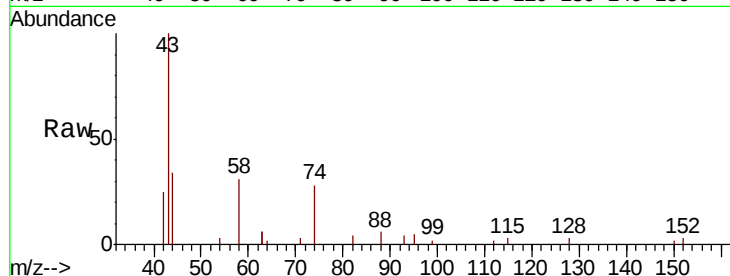
ClientSampled :

PB119621BSD

Tot Ion:	42	Resp:	683
Ion	Ratio	Lower	Upper
42	100		
74	167.3	136.9	205.3
44	0.0	7.1	10.7#

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#4

2-Fluorophenol

Concen: 0.334 ng

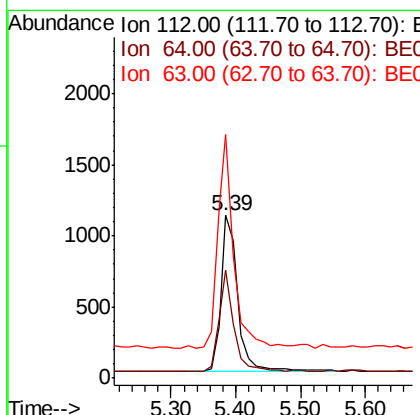
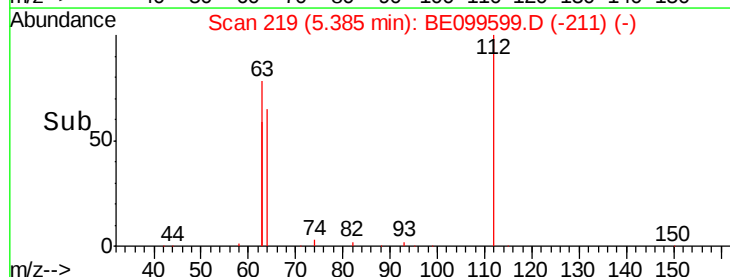
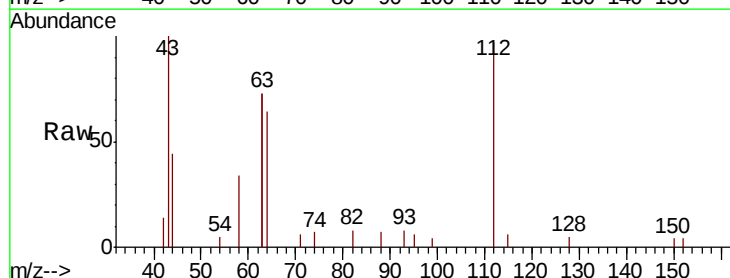
RT: 5.39 min Scan# 219

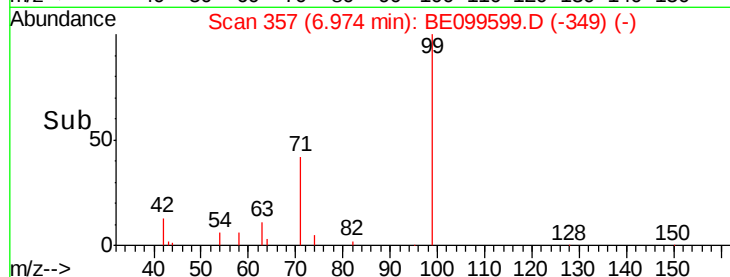
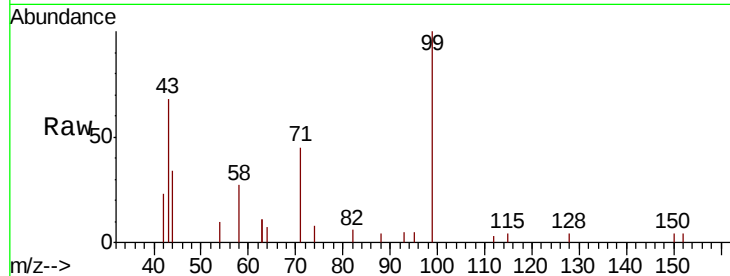
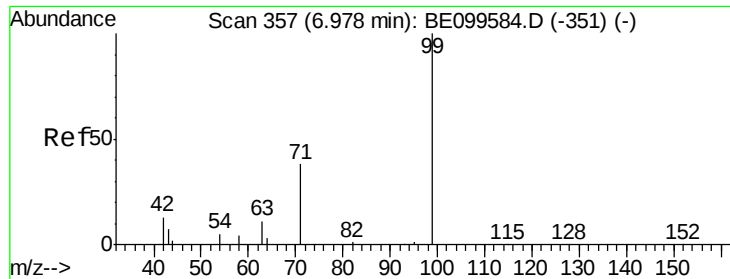
Delta R.T. -0.00 min

Lab File: BE099599.D

Acq: 10 May 2019 15:19

Tgt Ion:	112	Resp:	2025
Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.2	69.4
63	130.1	100.2	150.4





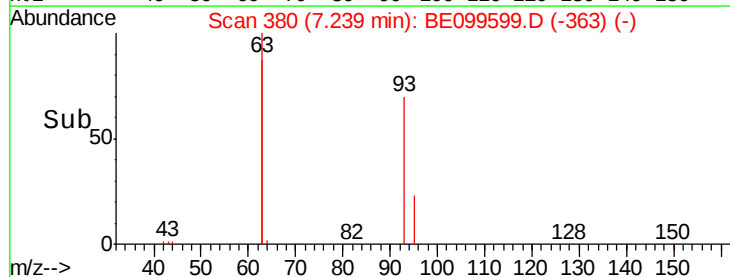
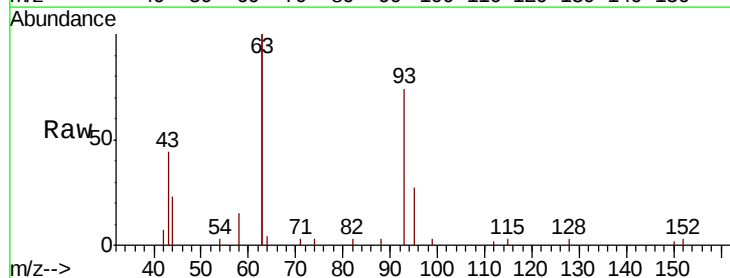
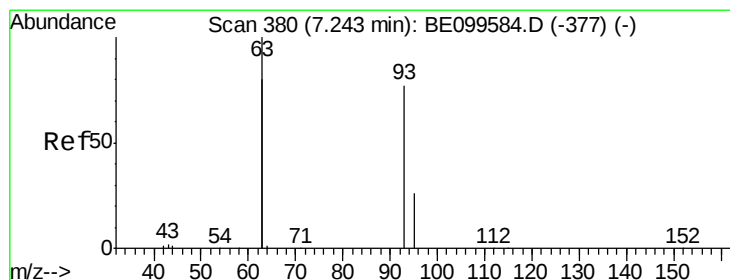
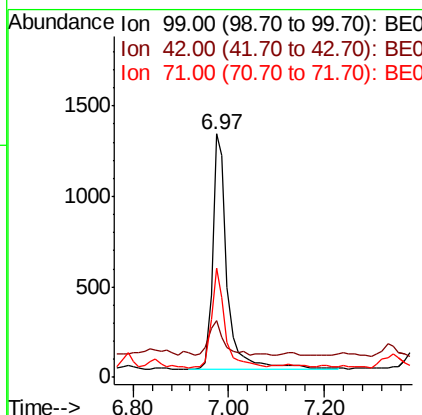
#5
Phenol-d6
Concen: 0.355 ng
RT: 6.97 min Scan# 357
Delta R.T. -0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tot Ion	Ratio	Resp	Lower	Upper
99	100	2824		
42	15.2		13.8	20.8
71	38.5		32.2	48.4

Instrument :
BNA_E
ClientSampleId :
PB119621BSD

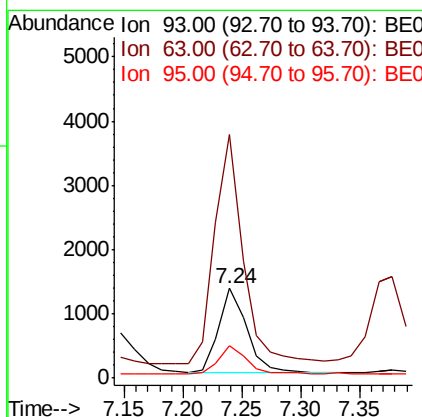
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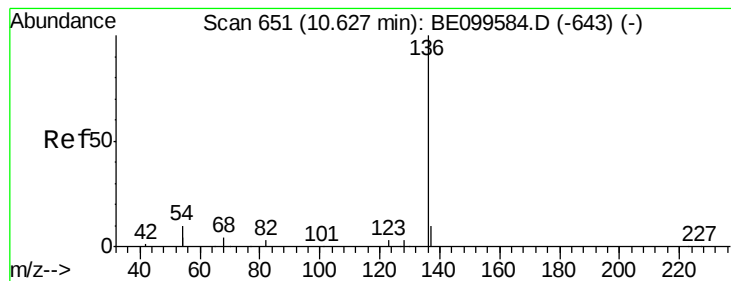
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#6
bis(2-Chloroethyl)ether
Concen: 0.334 ng
RT: 7.24 min Scan# 380
Delta R.T. -0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	2211		
63	271.2		213.4	320.0
95	33.6		24.9	37.3





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099599.D

Acq: 10 May 2019 15:19

Instrument :

BNA_E

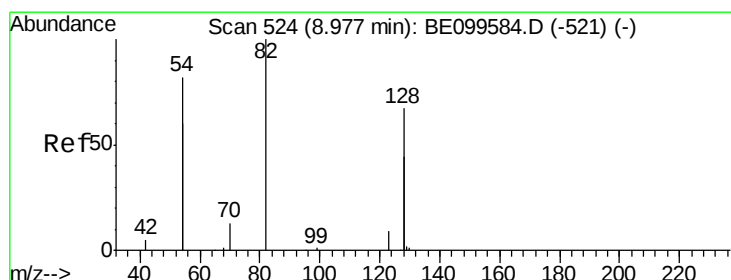
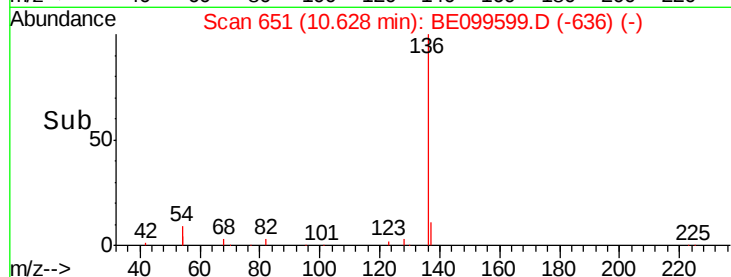
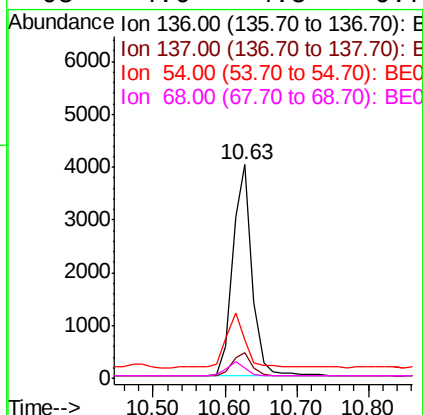
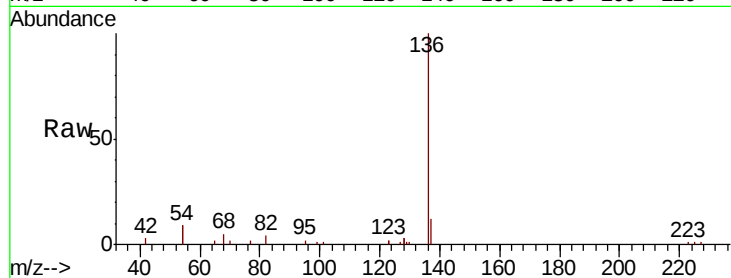
ClientSampleId :

PB119621BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	17.9	16.5	24.7
68	4.6	4.5	6.7

Manual Integrations
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#8

Nitrobenzene-d5

Concen: 0.340 ng

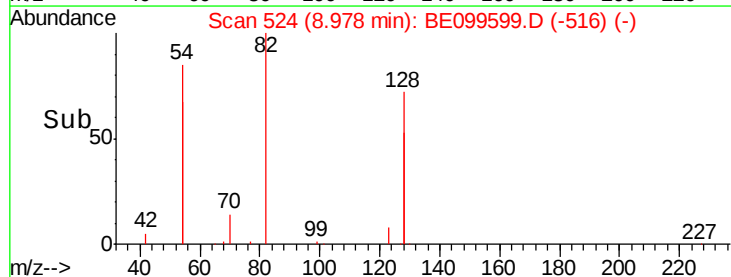
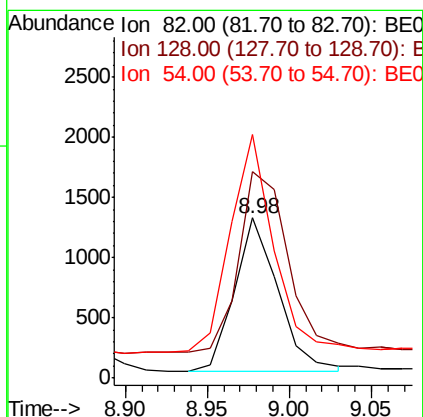
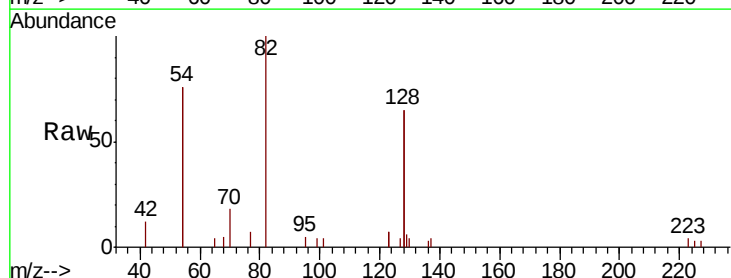
RT: 8.98 min Scan# 524

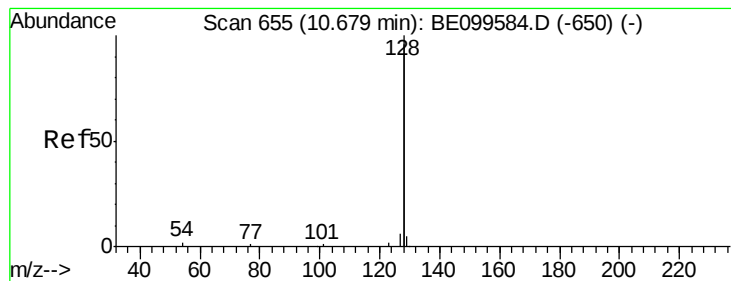
Delta R.T. 0.00 min

Lab File: BE099599.D

Acq: 10 May 2019 15:19

Tgt Ion	Ratio	Lower	Upper
82	100		
128	129.0	101.5	152.3
54	152.4	123.8	185.6





#9

Naphthalene

Concen: 0.362 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.01 min

Lab File: BE099599.D

Acq: 10 May 2019 15:19

Instrument :

BNA_E

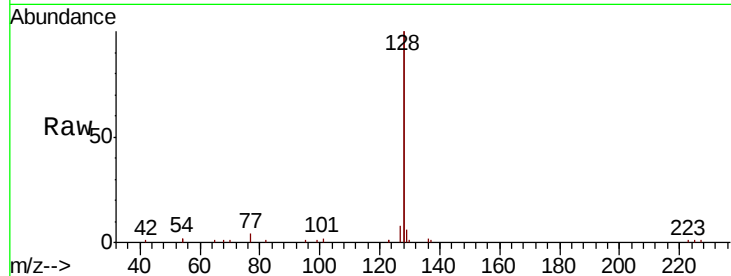
ClientSampleId :

PB119621BSD

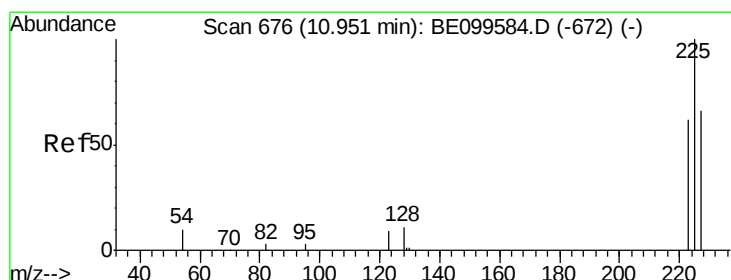
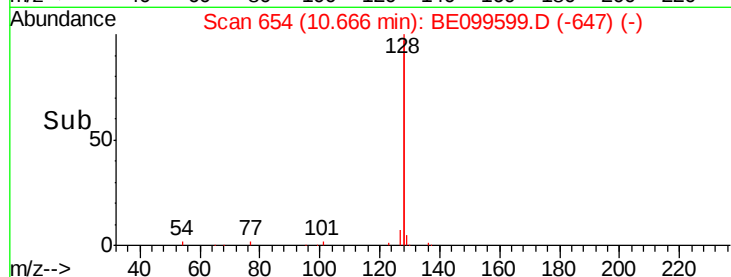
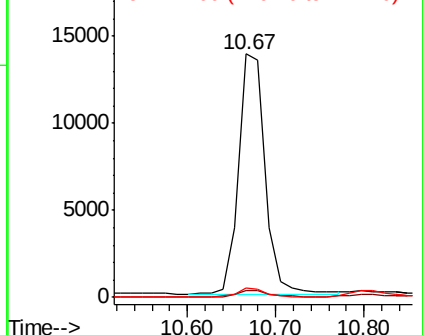
Tot Ion:	128	Resp:	28586
Ion Ratio	Lower	Upper	
128	100		
129	2.9	2.4	3.6
127	3.9	2.8	4.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.347 ng

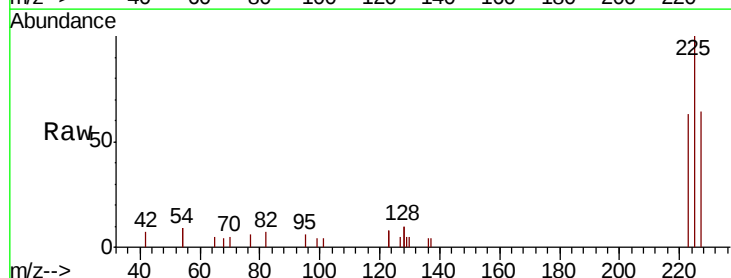
RT: 10.95 min Scan# 676

Delta R.T. 0.00 min

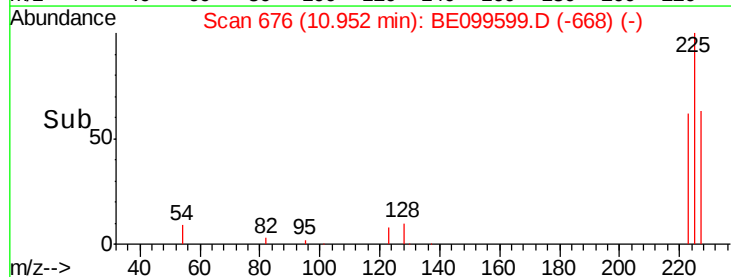
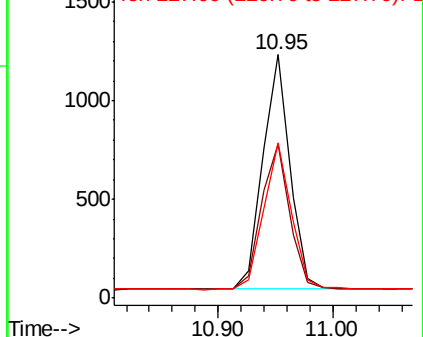
Lab File: BE099599.D

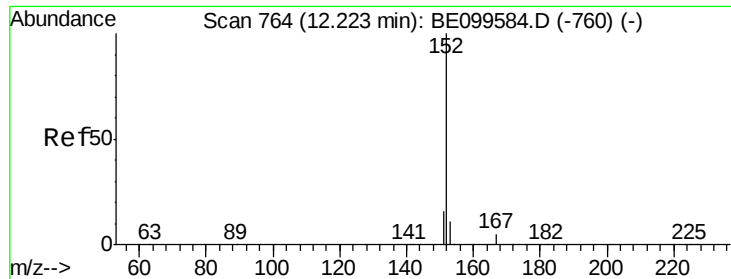
Acq: 10 May 2019 15:19

Tgt Ion:	225	Resp:	1974
Ion Ratio	Lower	Upper	
225	100		
223	64.3	49.6	74.4
227	63.7	50.1	75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





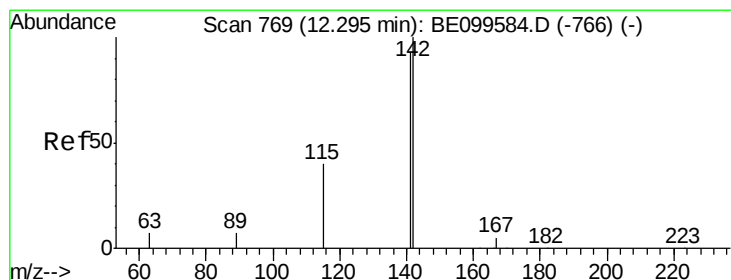
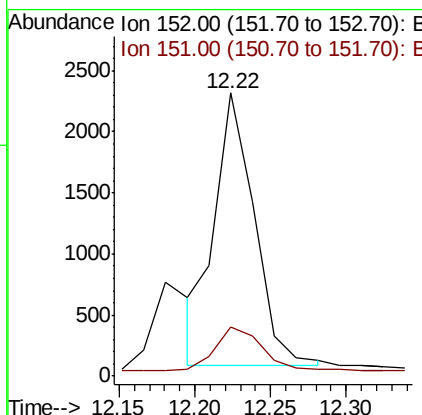
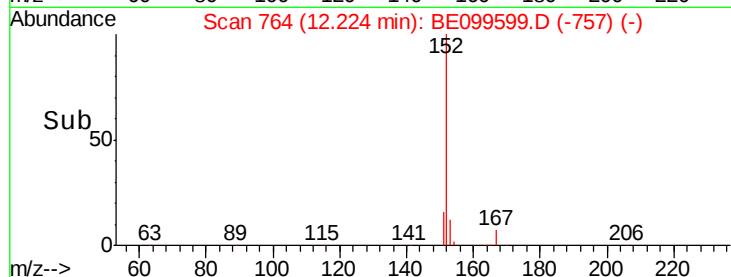
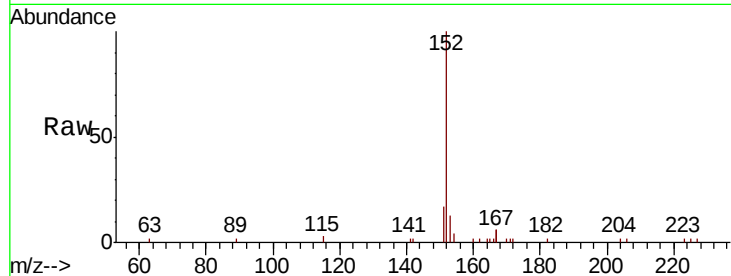
#11
2-Methylnaphthalene-d10
Concen: 0.330 ng m
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampled :
PB119621BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.5	16.2	24.2

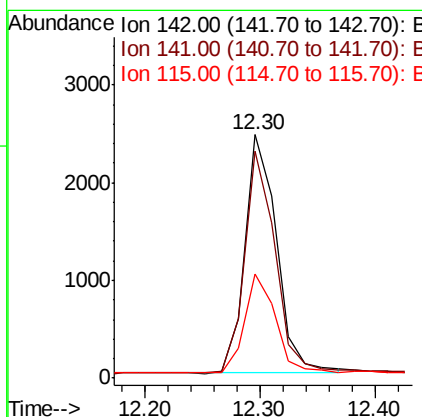
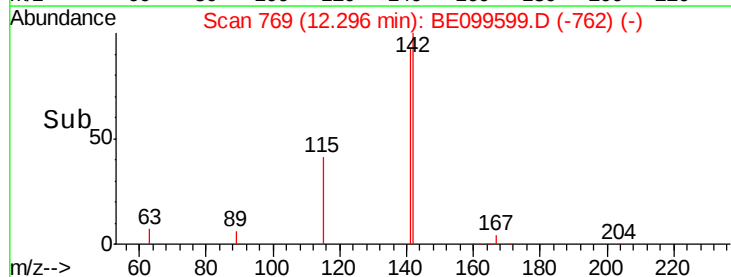
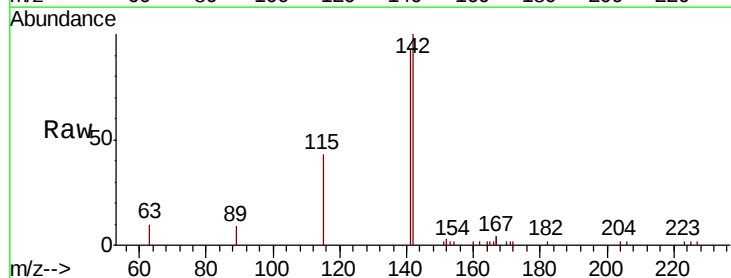
Manual Integrations
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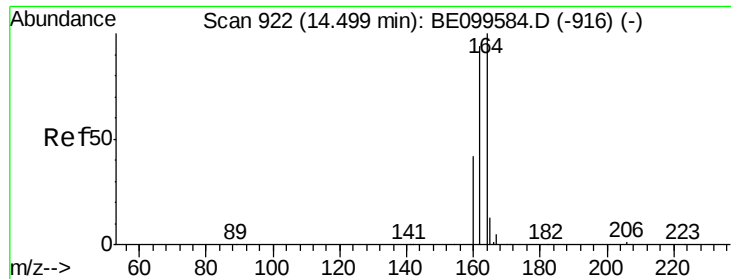
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#12
2-Methylnaphthalene
Concen: 0.362 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.0	112.4
115	43.0	33.7	50.5





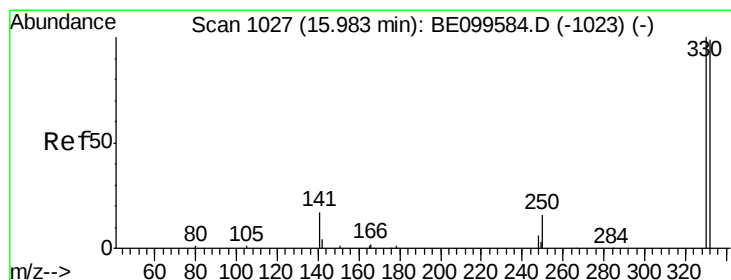
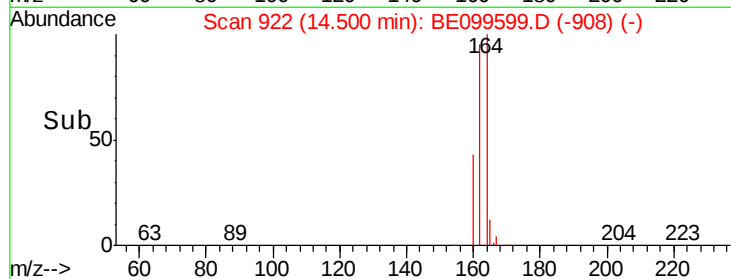
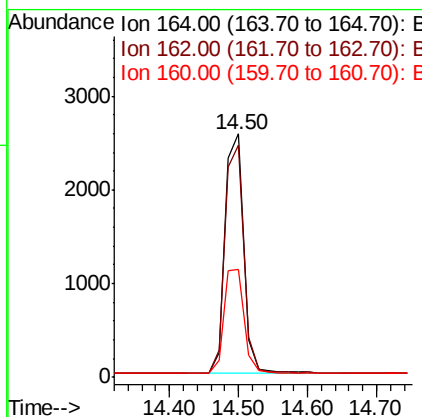
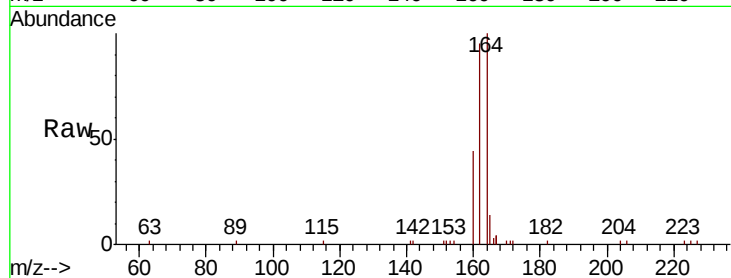
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :
PB119621BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	95.1	75.3	112.9
160	44.3	34.7	52.1

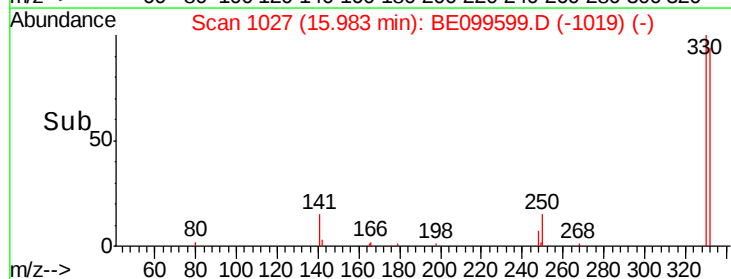
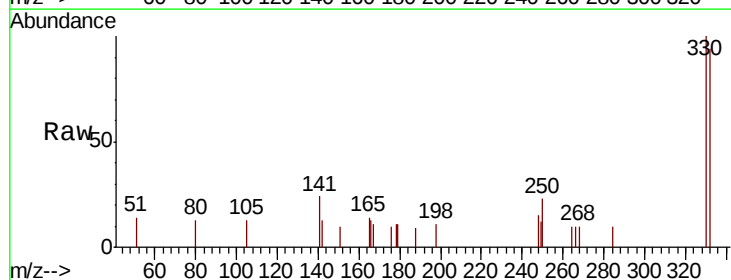
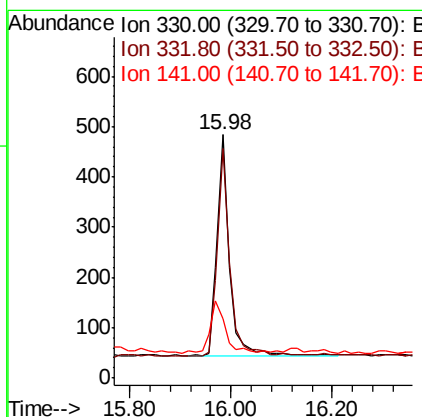
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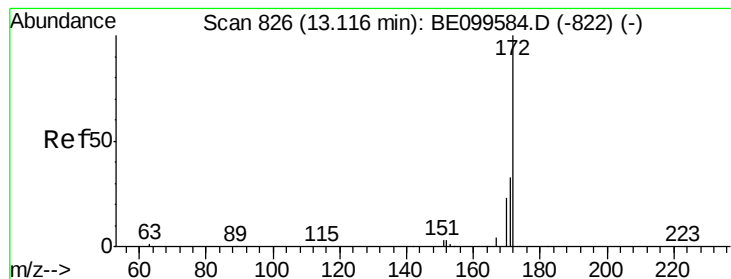
Sohil
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#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	91.5	78.7	118.1
141	26.3	22.3	33.5





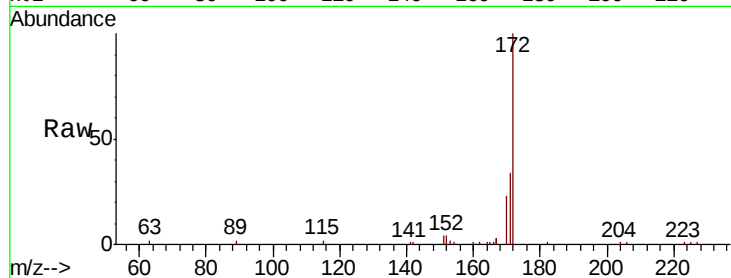
#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :
PB119621BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.5	41.3
170	23.0	19.1	28.7

Manual Integrations
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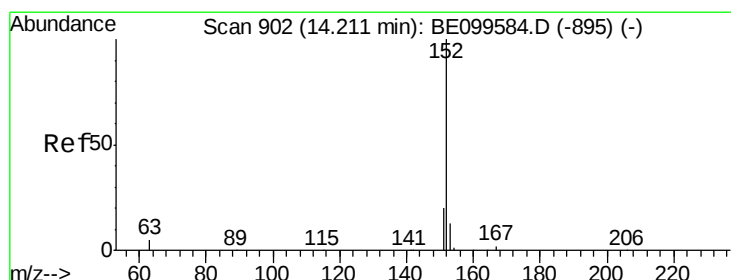
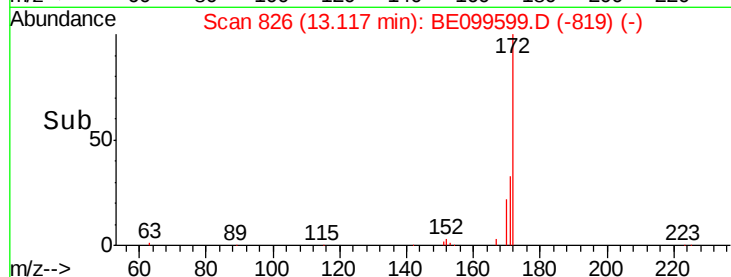
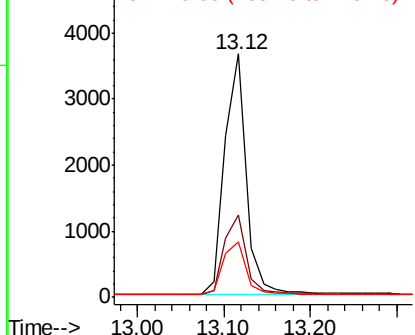


Abundance

Ion 172.00 (171.70 to 172.70): E

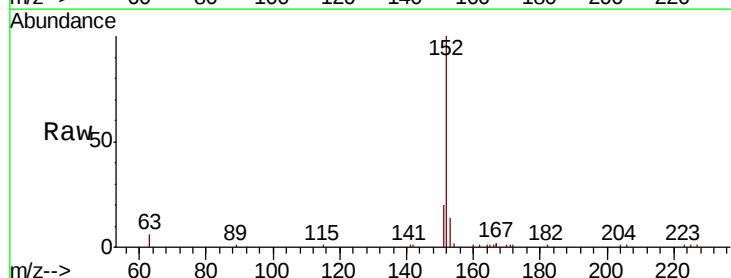
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.321 ng
RT: 14.21 min Scan# 902
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.5	23.3
153	13.1	10.2	15.4

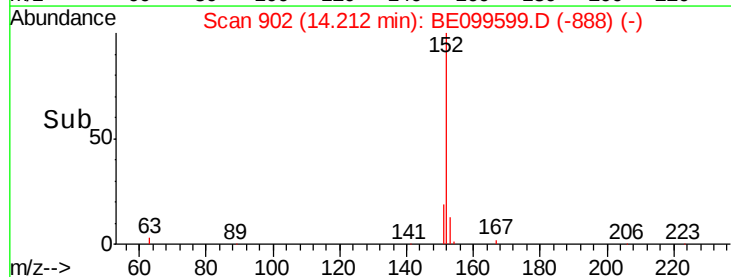
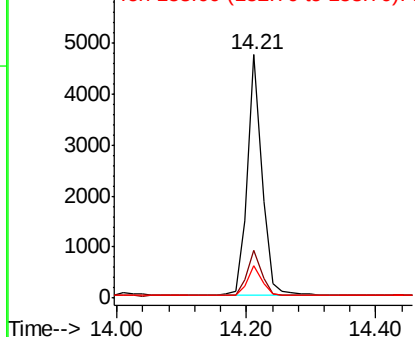


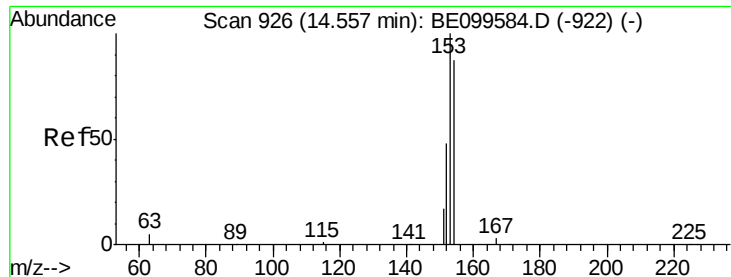
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





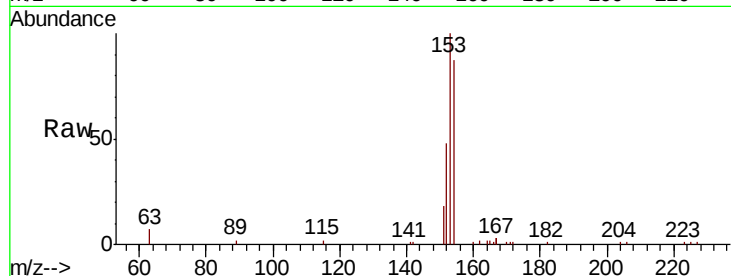
#17
Acenaphthene
Concen: 0.337 ng
RT: 14.56 min Scan# 926
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :
PB119621BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	117.8	92.9	139.3
152	57.1	46.3	69.5

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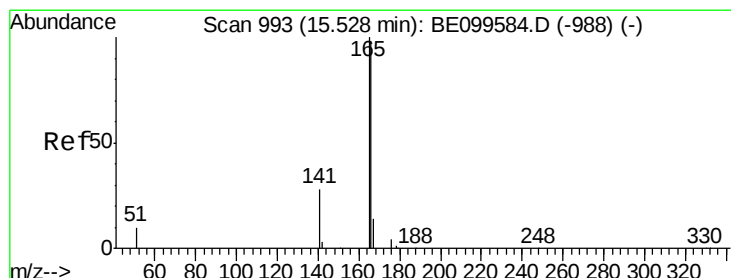
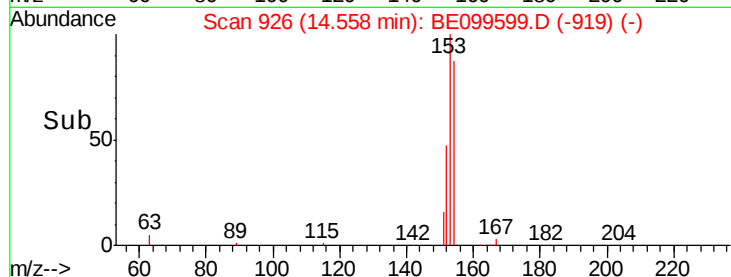
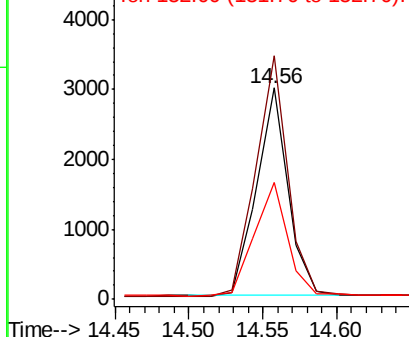


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.331 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

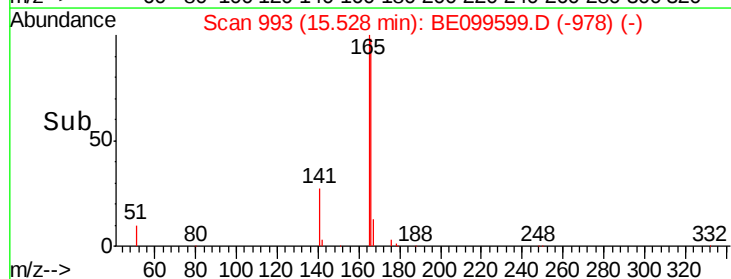
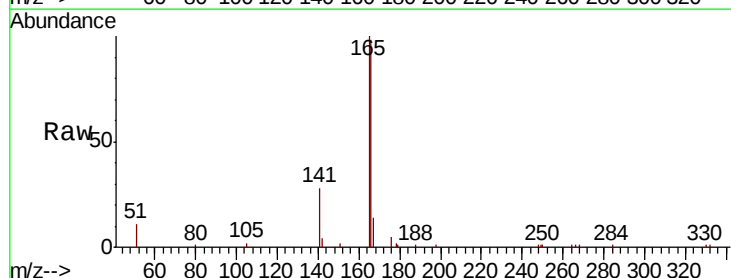
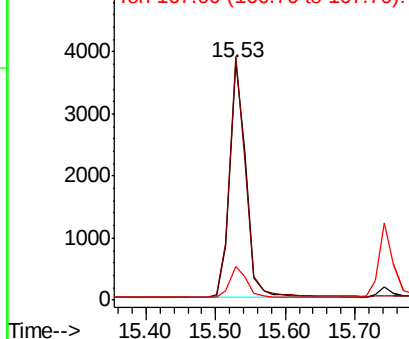
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.5	120.7
167	14.1	11.6	17.4

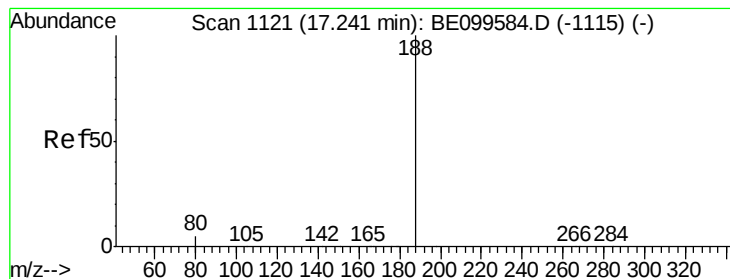
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.24 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BE099599.D

Acq: 10 May 2019 15:19

Instrument :

BNA_E

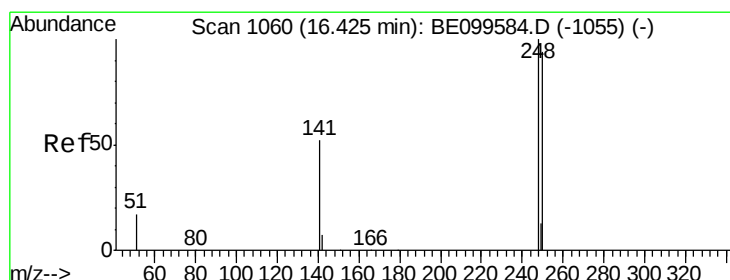
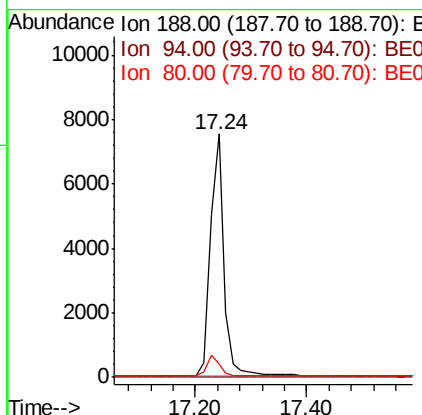
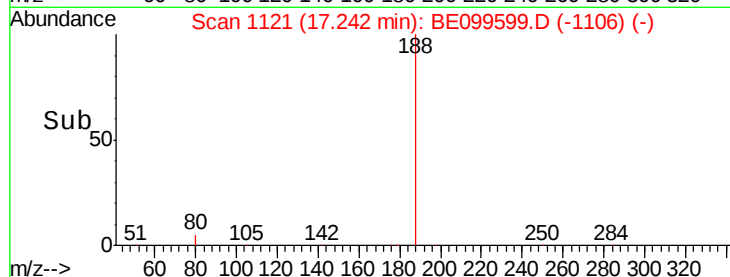
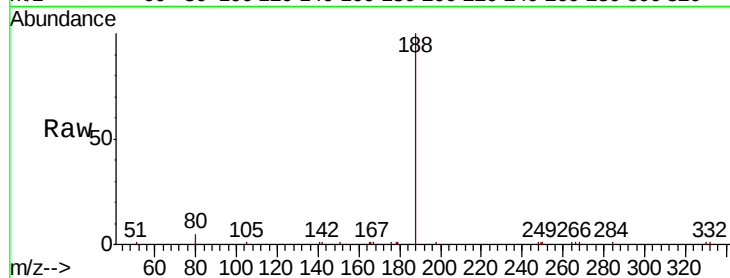
ClientSampled :

PB119621BSD

Tot Ion:	188	Resp:	12810
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	5.3	4.4	6.6

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#20

4-Bromophenyl-phenylether

Concen: 0.339 ng

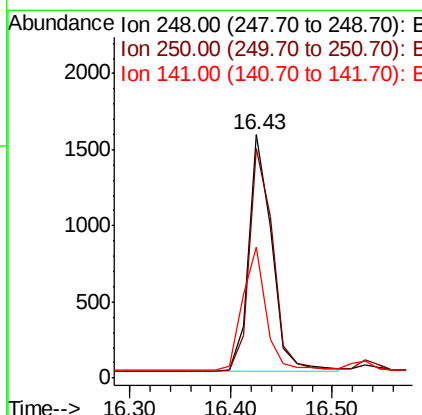
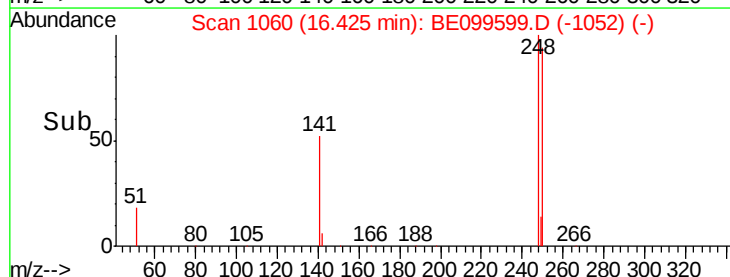
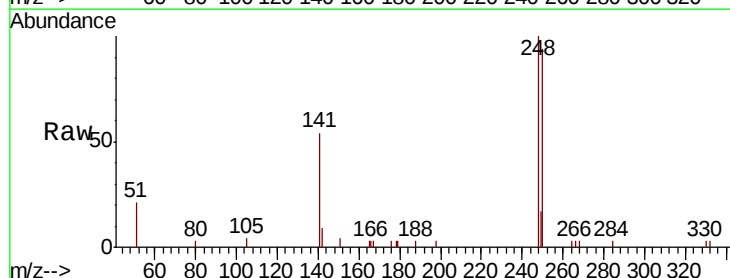
RT: 16.43 min Scan# 1060

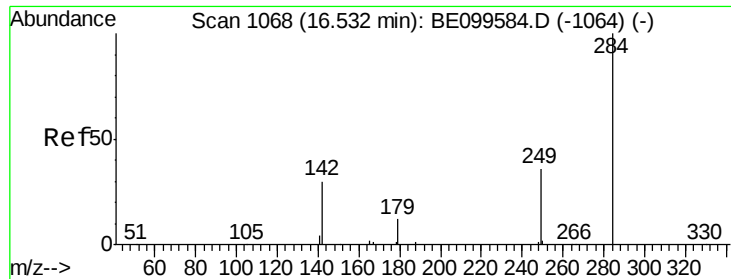
Delta R.T. 0.00 min

Lab File: BE099599.D

Acq: 10 May 2019 15:19

Tgt Ion:	248	Resp:	2475
Ion Ratio	Lower	Upper	
248	100		
250	94.2	75.7	113.5
141	53.9	42.9	64.3





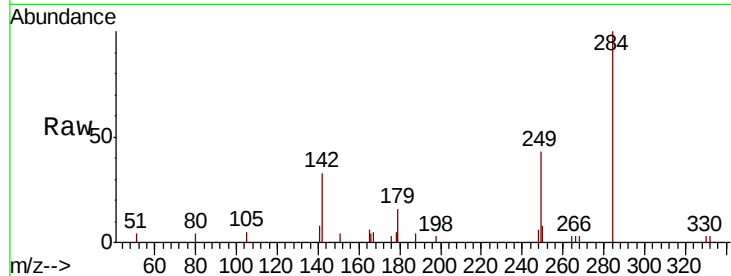
#21
Hexachlorobenzene
Concen: 0.345 ng
RT: 16.53 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :
PB119621BSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	25.5	20.6	30.8
249	33.5	25.8	38.6

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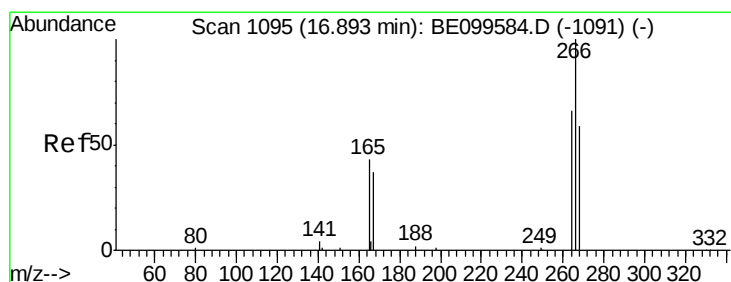
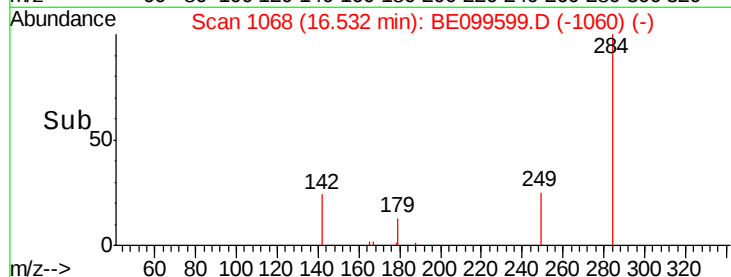
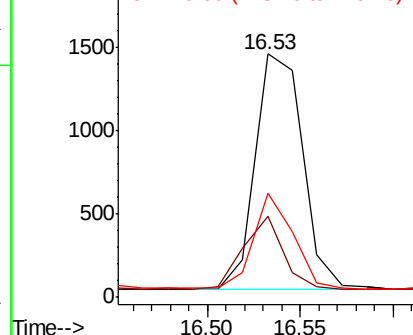


Abundance

Ion 283.80 (283.50 to 284.50): E

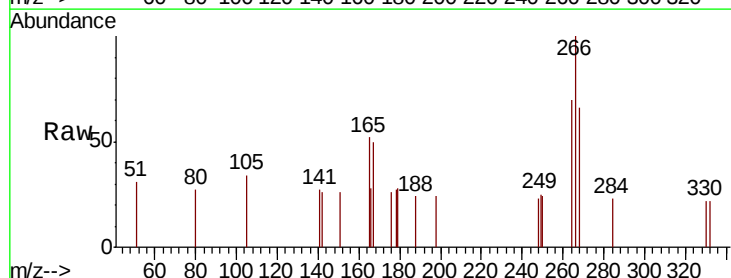
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22
Pentachlorophenol
Concen: 0.380 ng
RT: 16.91 min Scan# 1096
Delta R.T. 0.01 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion	Ratio	Lower	Upper
266	100		
264	70.4	57.3	85.9
268	65.8	53.5	80.3

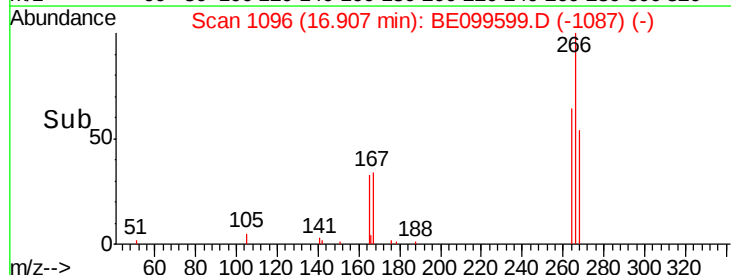
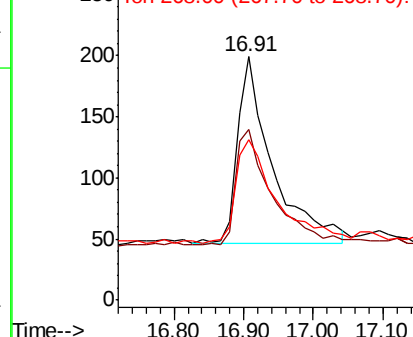


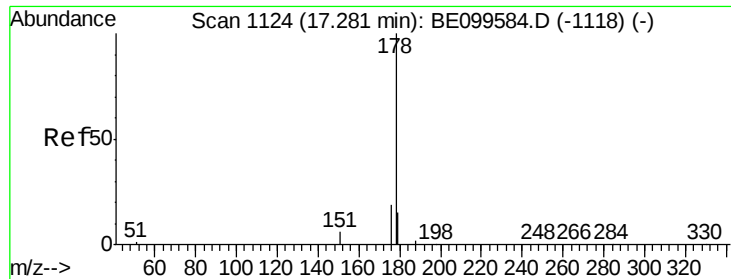
Abundance

Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.349 ng

RT: 17.28 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BE099599.D

Acq: 10 May 2019 15:19

Instrument :

BNA_E

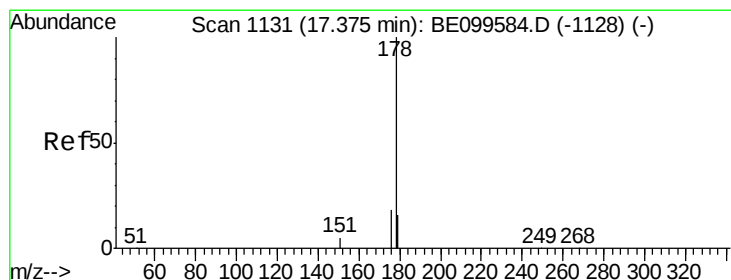
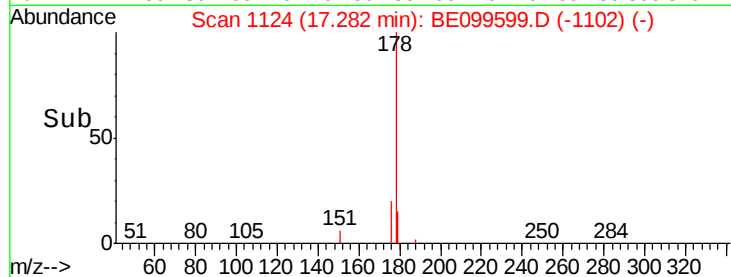
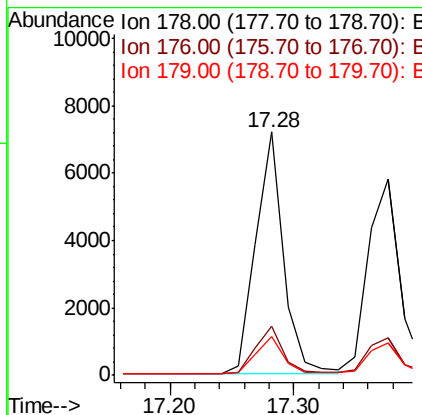
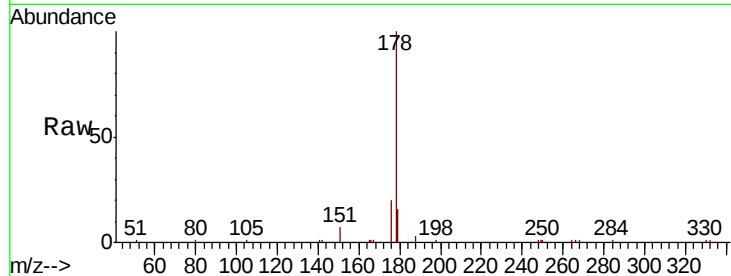
ClientSampleId :

PB119621BSD

Tot Ion:178	Resp:	11094
Ion Ratio	Lower	Upper
178	100	
176	19.7	15.8 23.6
179	15.5	12.2 18.2

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#24

Anthracene

Concen: 0.342 ng

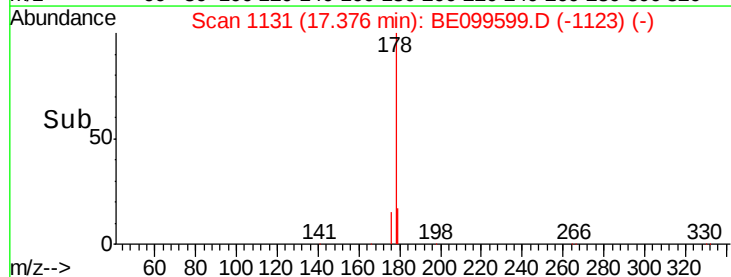
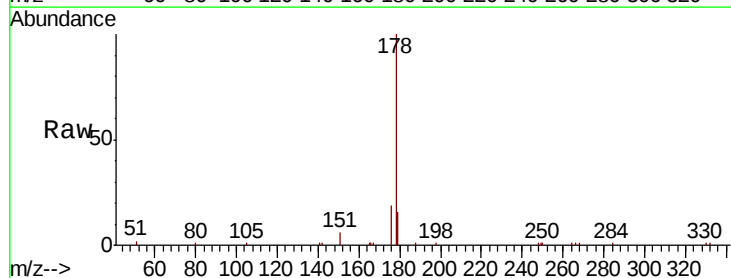
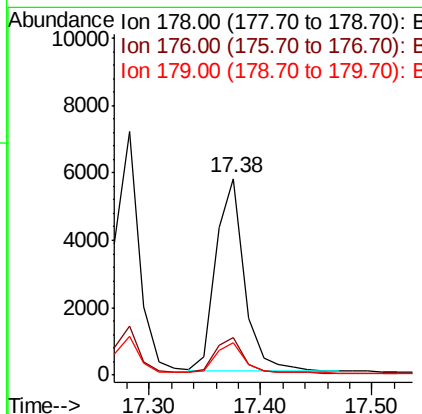
RT: 17.38 min Scan# 1131

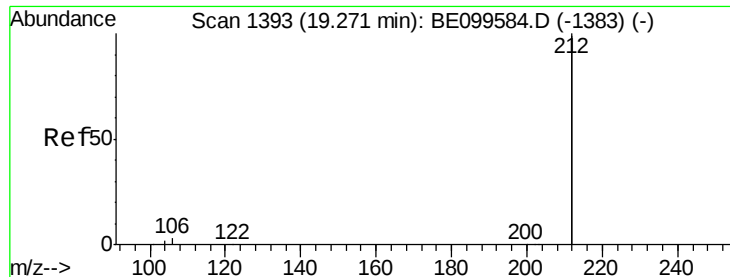
Delta R.T. 0.00 min

Lab File: BE099599.D

Acq: 10 May 2019 15:19

Tgt Ion:178	Resp:	10224
Ion Ratio	Lower	Upper
178	100	
176	18.2	14.8 22.2
179	15.5	12.3 18.5





#25

Fluoranthene-d10

Concen: 0.343 ng

RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BE099599.D

Acq: 10 May 2019 15:19

Instrument :

BNA_E

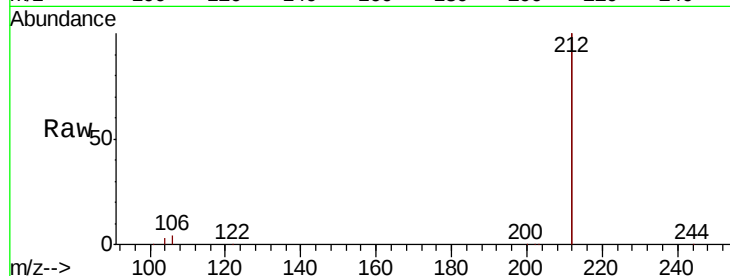
ClientSampled :

PB119621BSD

Tot Ion:	212	Resp:	57768
Ion Ratio	Lower	Upper	
212	100		
106	1.8	1.4	2.2
104	1.1	0.9	1.3

Manual Integrations
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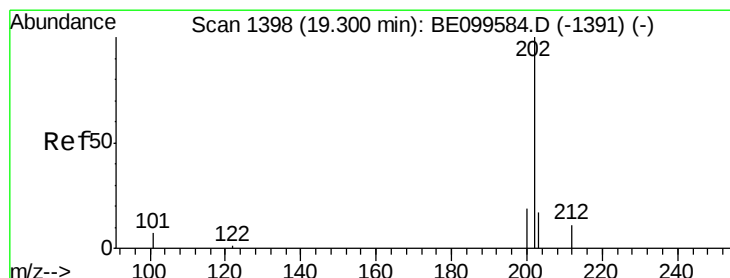
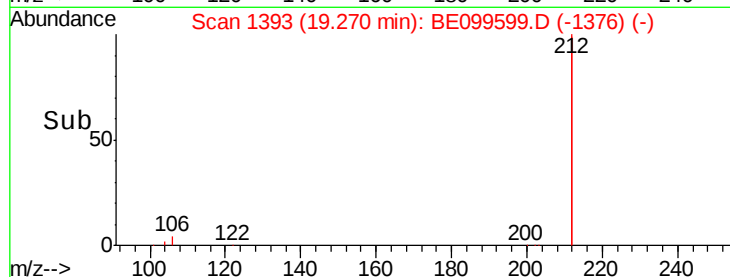
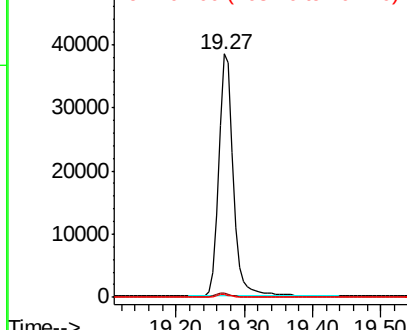


Abundance

Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.359 ng

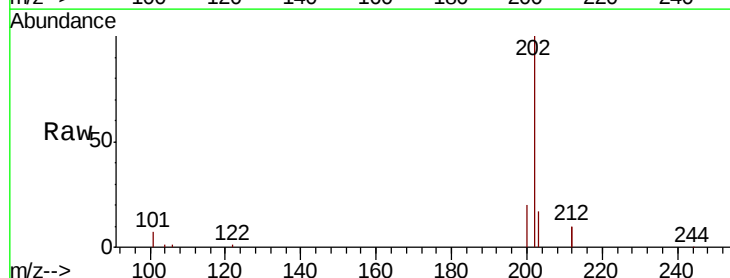
RT: 19.30 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BE099599.D

Acq: 10 May 2019 15:19

Tgt Ion:	202	Resp:	17160
Ion Ratio	Lower	Upper	
202	100		
101	6.9	5.4	8.2
203	17.2	13.7	20.5

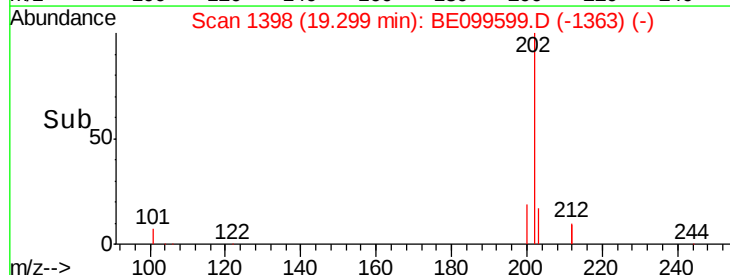
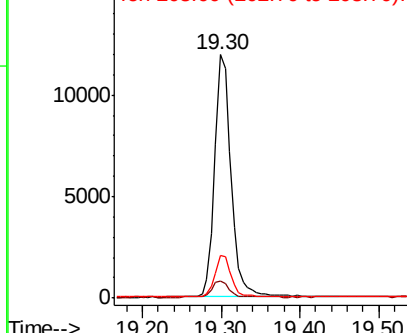


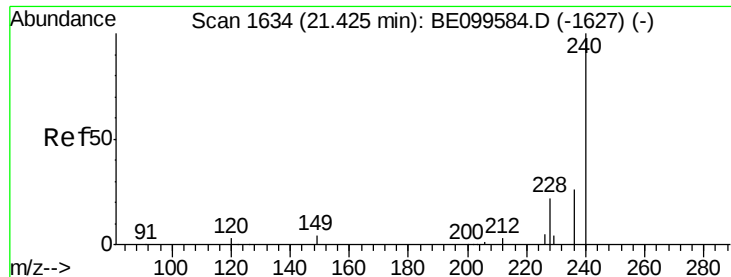
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





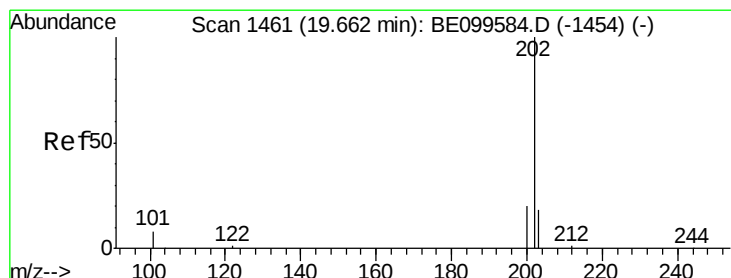
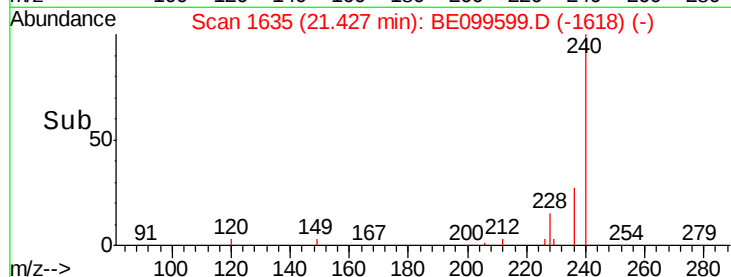
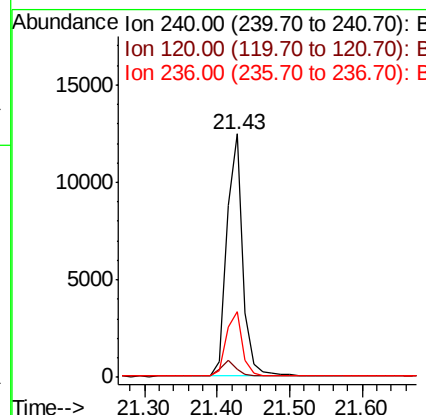
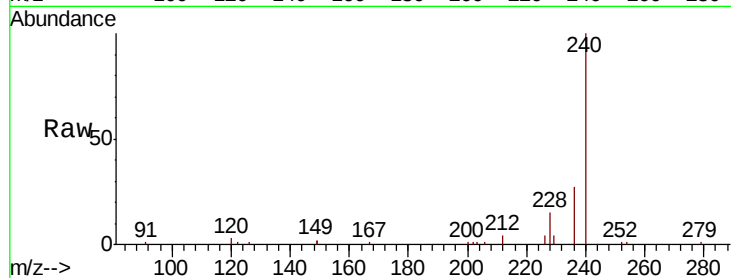
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :
PB119621BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	3.4	3.2	4.8
236	27.0	21.0	31.6

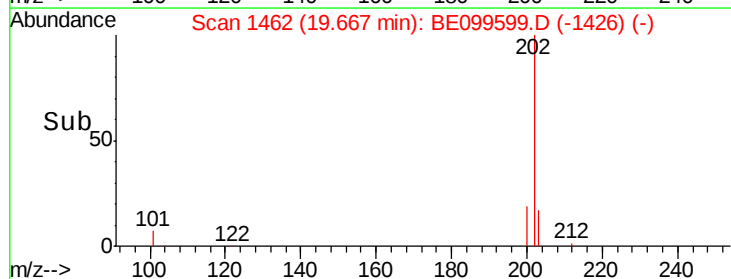
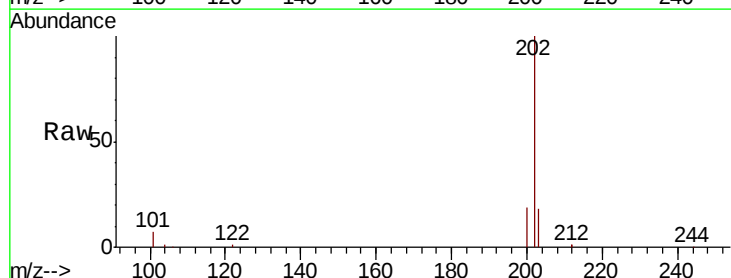
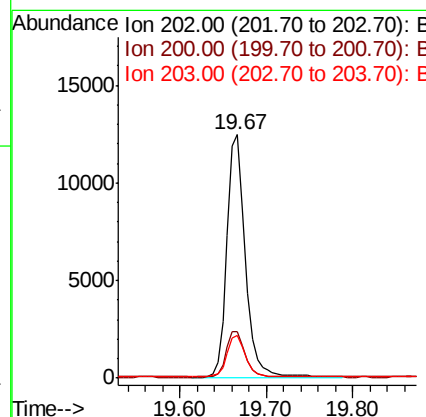
Manual Integrations
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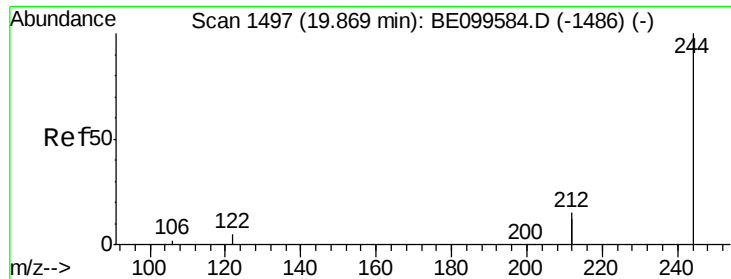
Sohil
5/13/2019 8:33:23 PM



#28
Pyrene
Concen: 0.359 ng
RT: 19.67 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.9	23.9
203	17.7	14.1	21.1





#29

Terphenyl-d14

Concen: 0.369 ng

RT: 19.87 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BE099599.D

Acq: 10 May 2019 15:19

Instrument :

BNA_E

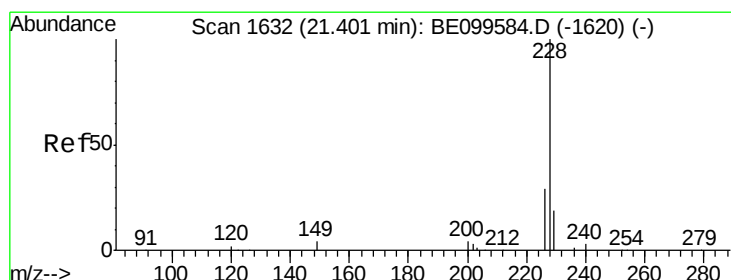
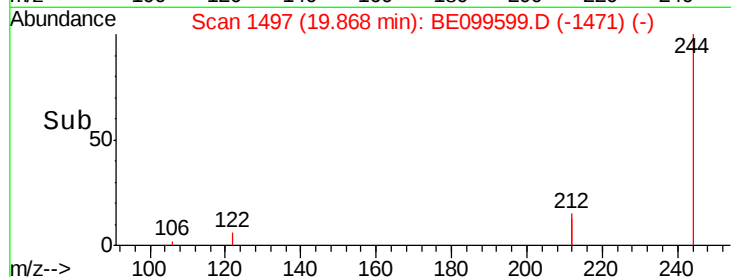
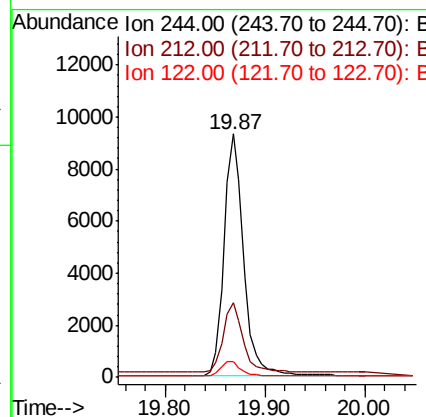
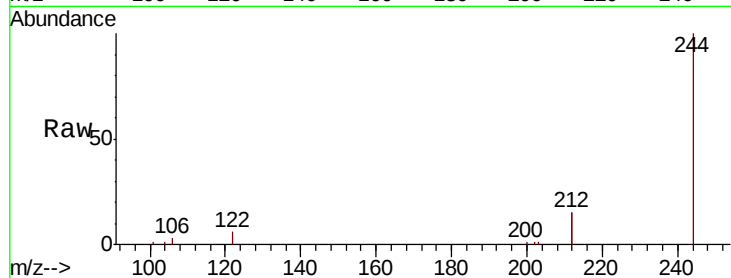
ClientSampleId :

PB119621BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	30.7	24.4	36.6
122	6.4	4.6	6.8

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#30

Benzo(a)anthracene

Concen: 0.404 ng

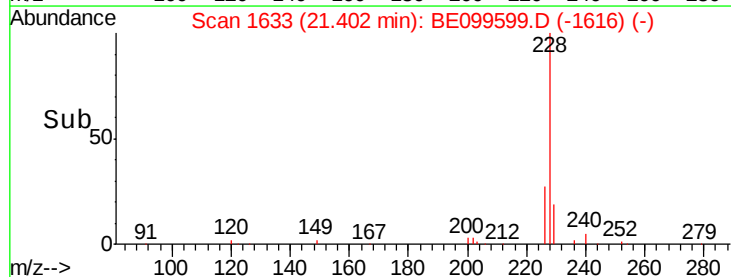
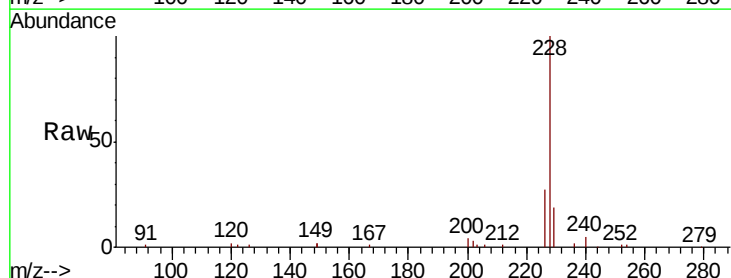
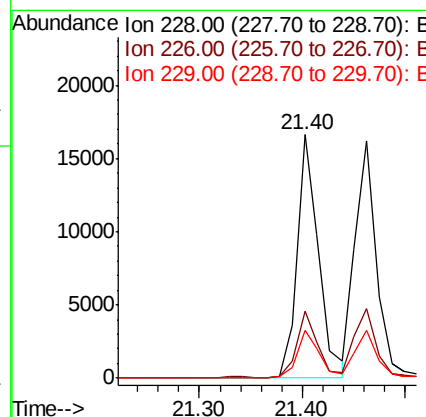
RT: 21.40 min Scan# 1633

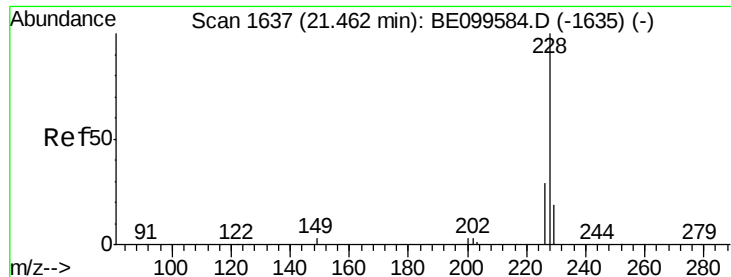
Delta R.T. 0.00 min

Lab File: BE099599.D

Acq: 10 May 2019 15:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.3	34.9
229	19.4	15.5	23.3





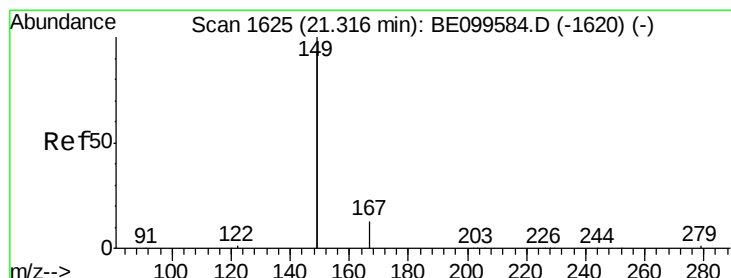
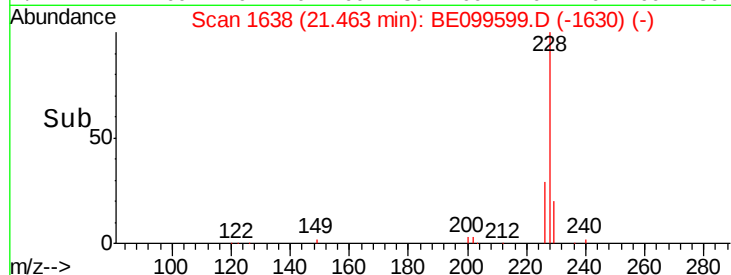
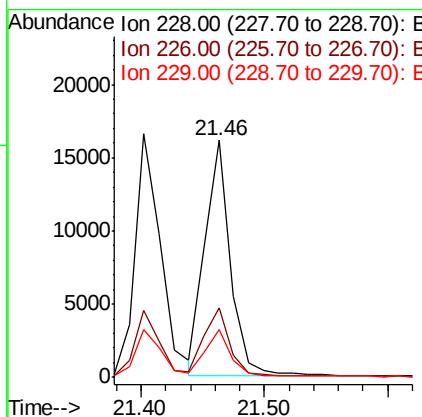
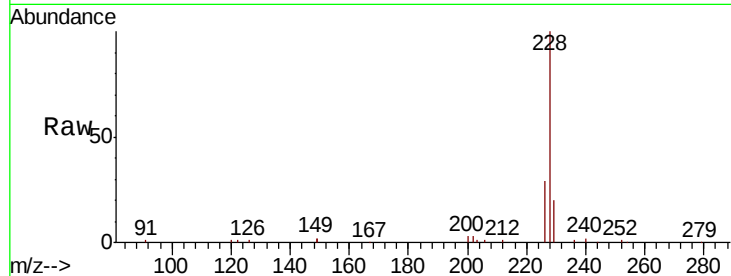
#31
Chrysene
Concen: 0.386 ng
RT: 21.46 min Scan# 1638
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :
PB119621BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.2	34.8
229	20.0	15.6	23.4

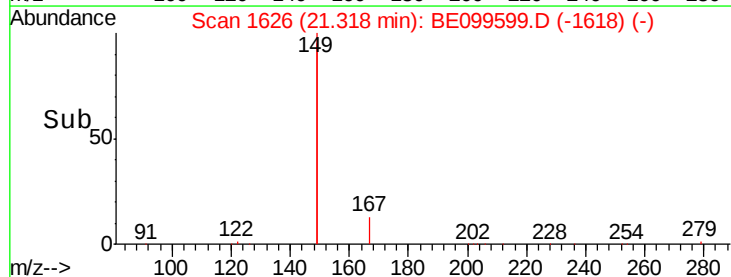
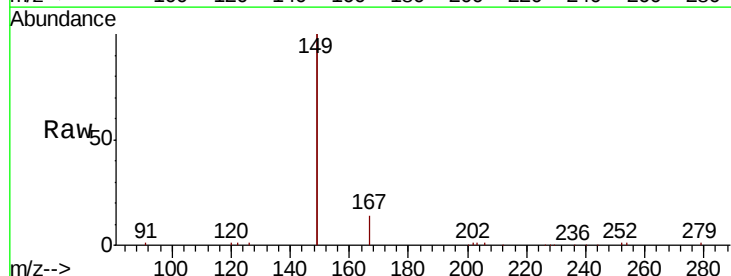
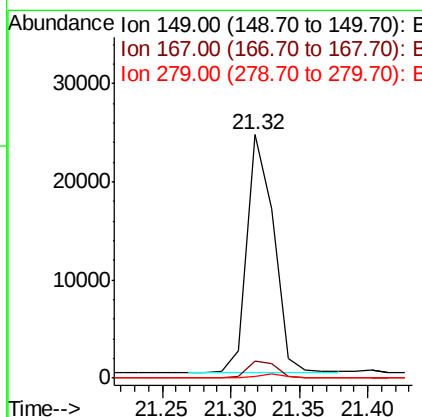
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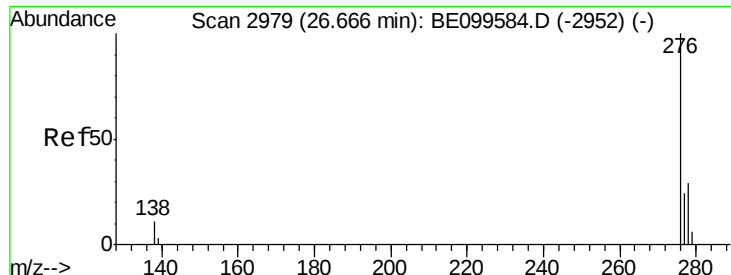
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.388 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.2	6.0	9.0
279	1.3	1.1	1.7





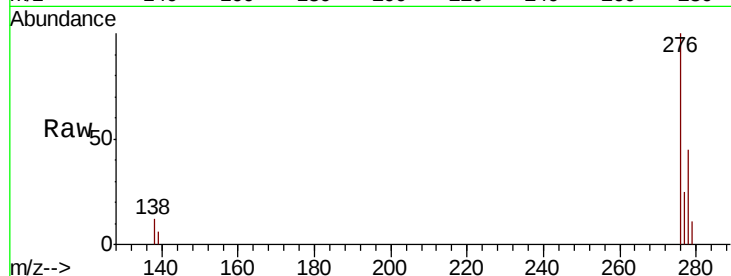
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng
RT: 26.67 min Scan# 2982
Delta R.T. 0.01 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :
PB119621BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.1	10.2	15.2
277	24.8	19.8	29.8

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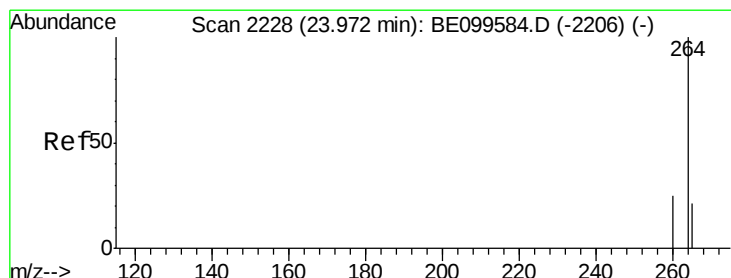
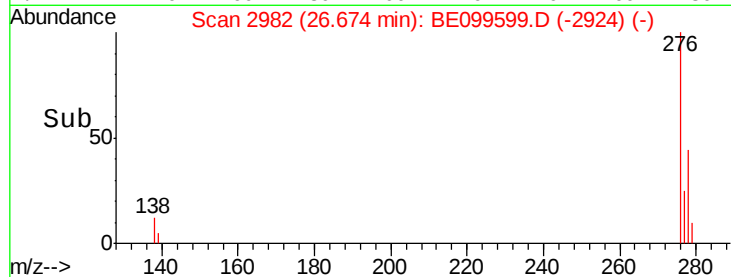
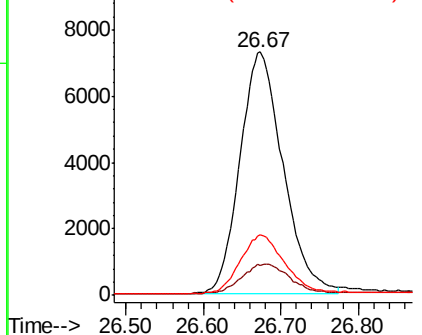


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.97 min Scan# 2229
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

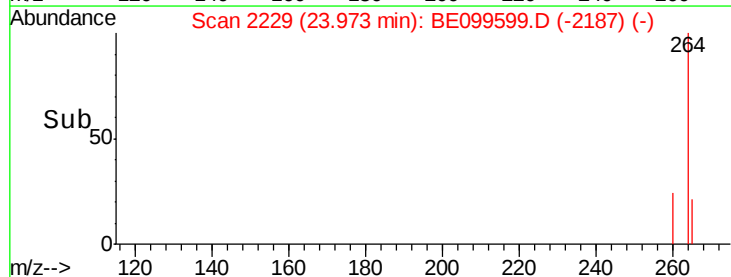
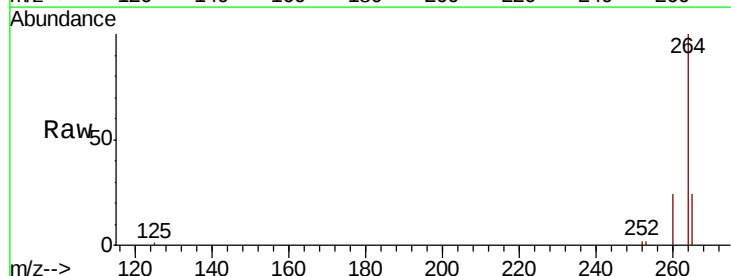
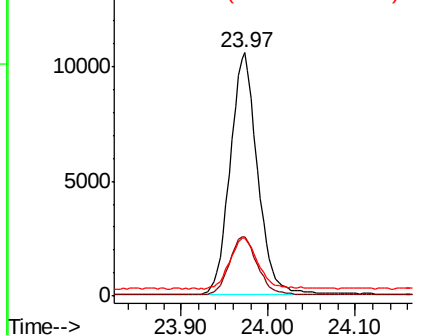
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.3	30.5
265	23.8	20.9	31.3

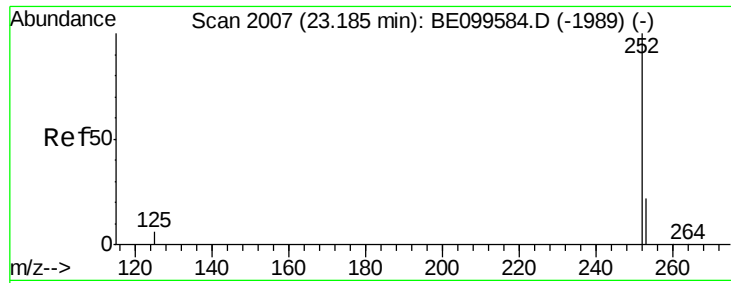
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





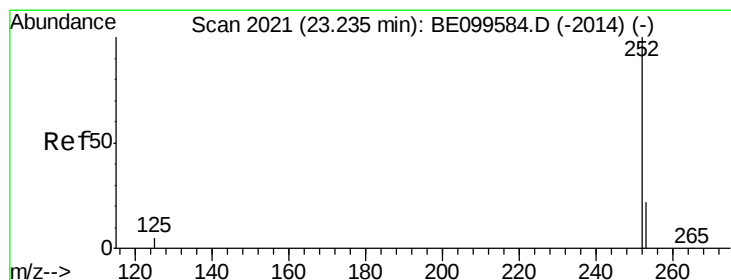
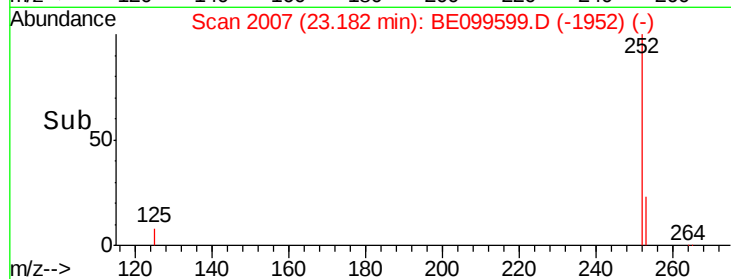
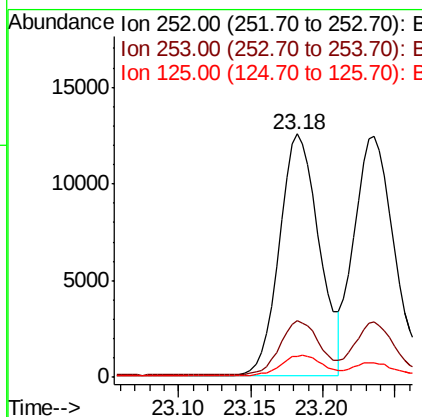
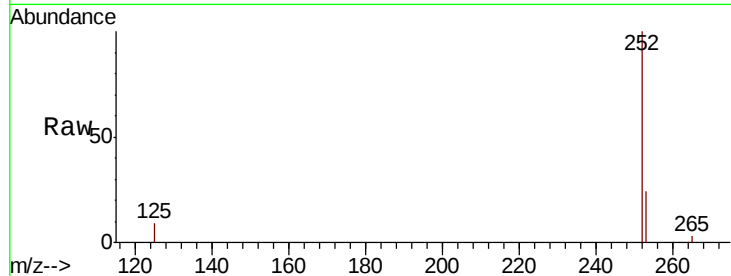
#35
Benzo(b)fluoranthene
Concen: 0.378 ng
RT: 23.18 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Instrument :
BNA_E
ClientSampleId :
PB119621BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.6	28.0
125	8.7	6.0	9.0

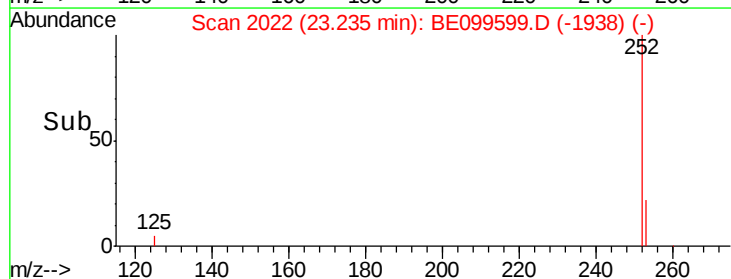
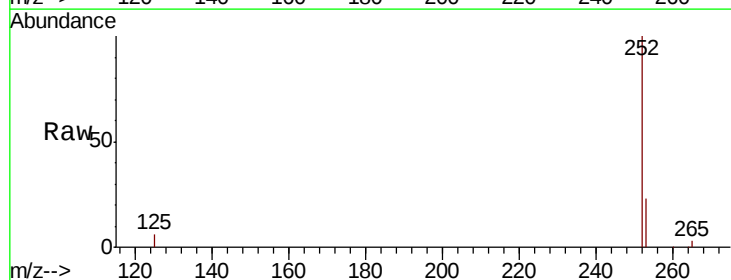
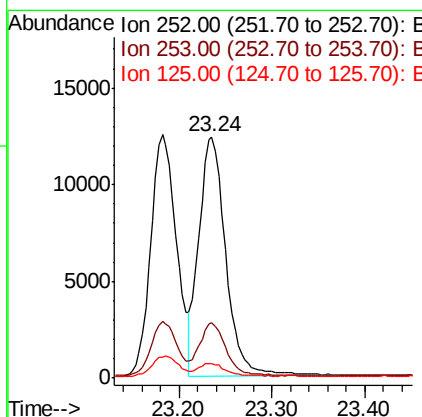
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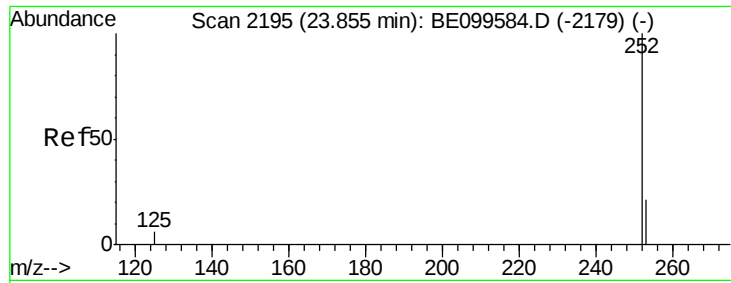
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#36
Benzo(k)fluoranthene
Concen: 0.389 ng
RT: 23.24 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BE099599.D
Acq: 10 May 2019 15:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.7	28.1
125	5.9	5.1	7.7





#37

Benzo(a)pyrene

Concen: 0.384 ng

RT: 23.85 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BE099599.D

Acq: 10 May 2019 15:19

Instrument :

BNA_E

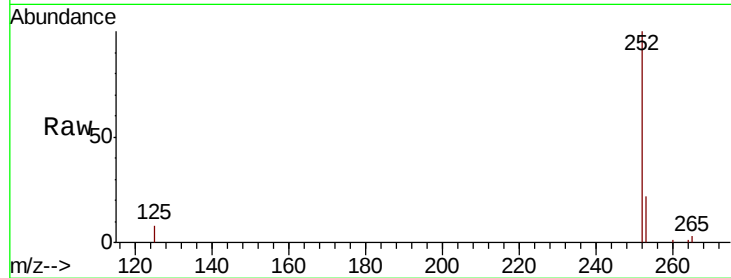
ClientSampleId :

PB119621BSD

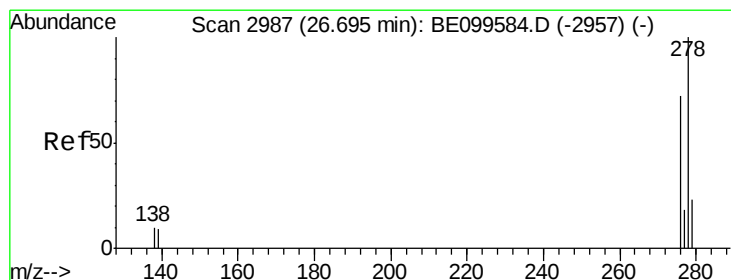
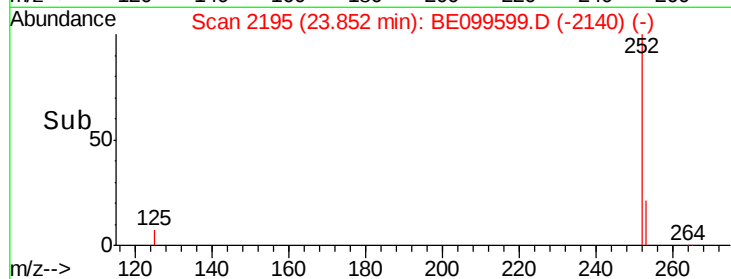
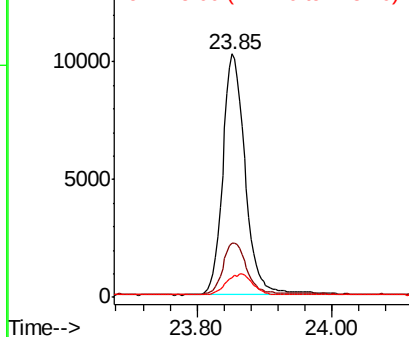
Tot Ion:	252	Resp:	23702
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.6	27.8
125	7.9	6.4	9.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.373 ng

RT: 26.70 min Scan# 2990

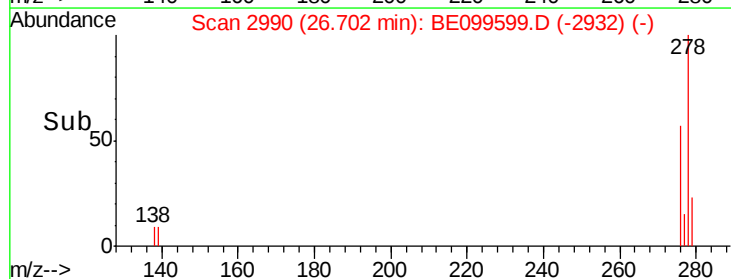
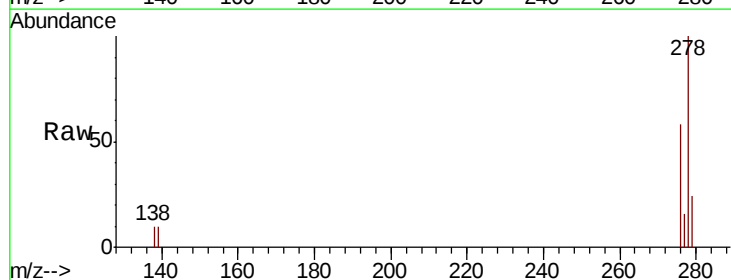
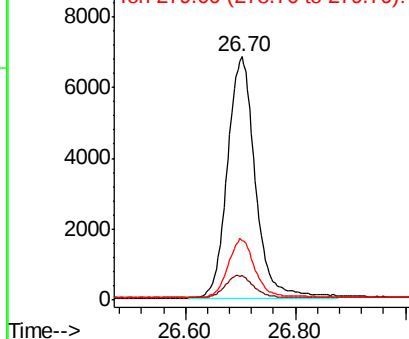
Delta R.T. 0.01 min

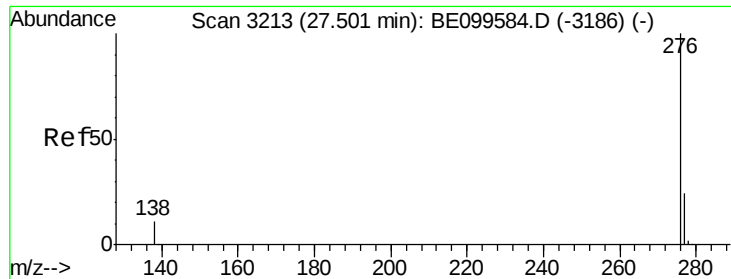
Lab File: BE099599.D

Acq: 10 May 2019 15:19

Tgt Ion:	278	Resp:	24048
Ion Ratio	Lower	Upper	
278	100		
139	10.3	8.3	12.5
279	24.1	19.4	29.2

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.371 ng

RT: 27.50 min Scan# 3215

Delta R.T. 0.00 min

Lab File: BE099599.D

Acq: 10 May 2019 15:19

Instrument :

BNA_E

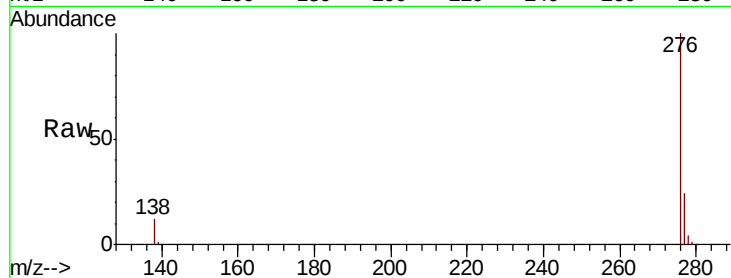
ClientSampleId :

PB119621BSD

Tot Ion:	276	Resp:	24224
Ion Ratio	Lower	Upper	
276	100		
277	24.3	19.8	29.6
138	12.1	9.4	14.2

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

