

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
 Data File : BE100042.D
 Acq On : 15 Jun 2019 2:33
 Operator : JU/SJ
 Sample : K3315-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE104D2-20190607MSD

Manual Integrations
 APPROVED

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 6/17/2019 4:51:54 PM

Quant Time: Jun 17 08:07:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 10 14:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	870	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	3076	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	2337	0.40	ng	-0.01
19) Phenanthrene-d10	17.21	188	6456	0.40	ng	0.00
27) Chrysene-d12	21.39	240	8436	0.40	ng	-0.01
34) Perylene-d12	23.92	264	9494	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	403	0.17	ng	0.00
5) Phenol-d6	6.97	99	307	0.10	ng	0.00
8) Nitrobenzene-d5	8.95	82	1310	0.45	ng	-0.01
11) 2-Methylnaphthalene-d10	12.19	152	1841m	0.34	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	560	0.32	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	4099	0.46	ng	-0.01
25) Fluoranthene-d10	19.24	212	32902	0.35	ng	-0.01
29) Terphenyl-d14	19.84	244	9059	0.60	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.27	88	533	0.414	ng	Qvalue # 87
3) n-Nitrosodimethylamine	3.62	42	72m	0.097	ng	
6) bis(2-Chloroethyl)ether	7.22	93	1075	0.435	ng	98
9) Naphthalene	10.64	128	13747	0.414	ng	99
10) Hexachlorobutadiene	10.91	225	971	0.383	ng	97
12) 2-Methylnaphthalene	12.27	142	2286	0.424	ng	98
16) Acenaphthylene	14.18	152	4580	0.394	ng	98
17) Acenaphthene	14.53	154	2503	0.395	ng	99
18) Fluorene	15.50	166	3678	0.387	ng	97
20) 4-Bromophenyl-phenylether	16.40	248	1602	0.438	ng	96
21) Hexachlorobenzene	16.50	284	1576	0.422	ng	98
22) Pentachlorophenol	16.87	266	957	0.832	ng	86
23) Phenanthrene	17.25	178	6687	0.427	ng	100
24) Anthracene	17.35	178	5940	0.414	ng	98
26) Fluoranthene	19.27	202	10360	0.389	ng	99
28) Pyrene	19.64	202	10574	0.477	ng	99
30) Benzo(a)anthracene	21.38	228	11135	0.442	ng	98
31) Chrysene	21.43	228	11825	0.454	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	16997	0.470	ng	100
33) Indeno(1,2,3-cd)pyrene	26.60	276	12416	0.402	ng	97
35) Benzo(b)fluoranthene	23.14	252	10681	0.401	ng	97
36) Benzo(k)fluoranthene	23.19	252	12191	0.438	ng	98
37) Benzo(a)pyrene	23.81	252	10911	0.416	ng	# 97
38) Dibenzo(a,h)anthracene	26.64	278	10171	0.385	ng	# 94
39) Benzo(g,h,i)perylene	27.44	276	10840	0.397	ng	98

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

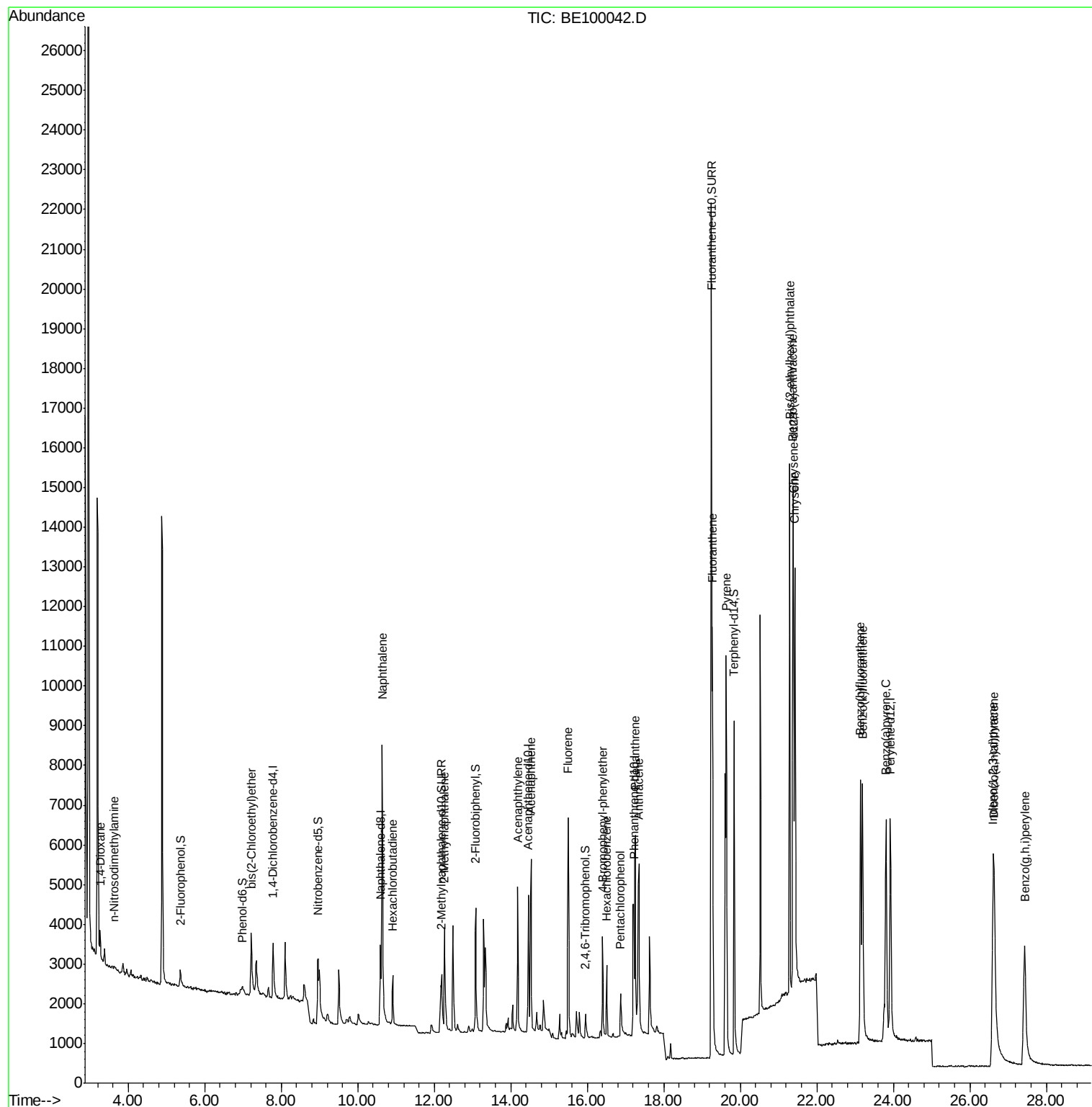
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
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Quant Time: Jun 17 08:07:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.78 min Scan# 427

Delta R.T. -0.01 min

Lab File: BE100042.D

Acq: 15 Jun 2019 2:33

Instrument :

BNA_E

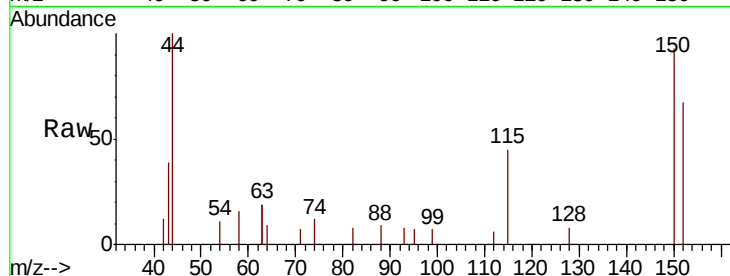
ClientSampleId :

RE104D2-20190607MSD

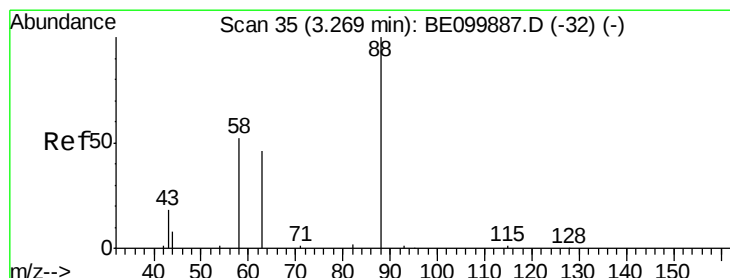
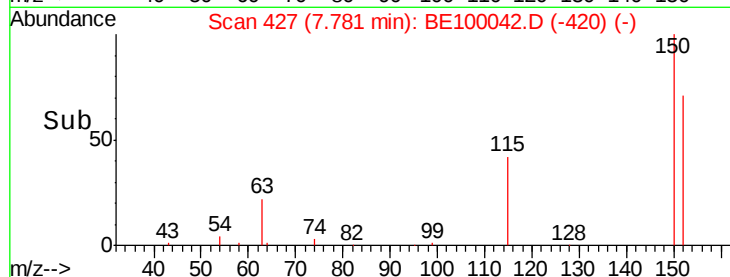
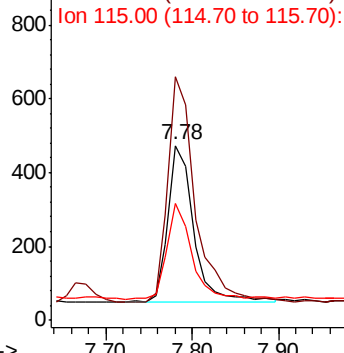
Tot Ion:	152	Resp:	870
Ion	Ratio	Lower	Upper
152	100		
150	139.0	111.0	166.6
115	66.5	50.7	76.1

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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: 0.414 ng

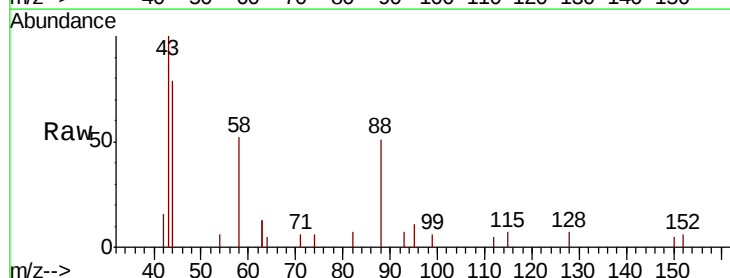
RT: 3.27 min Scan# 35

Delta R.T. -0.00 min

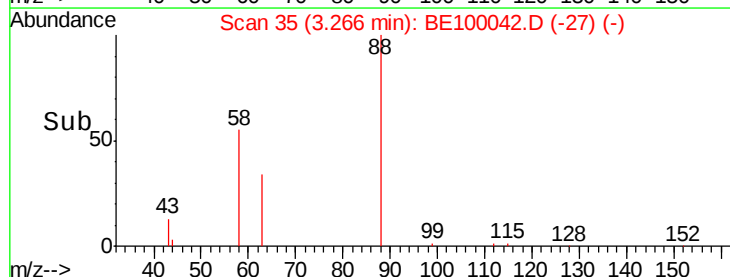
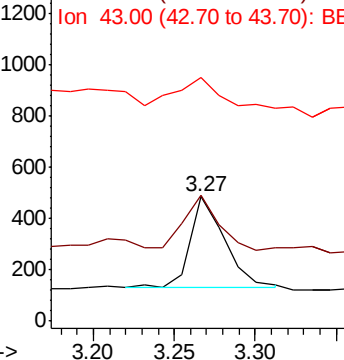
Lab File: BE100042.D

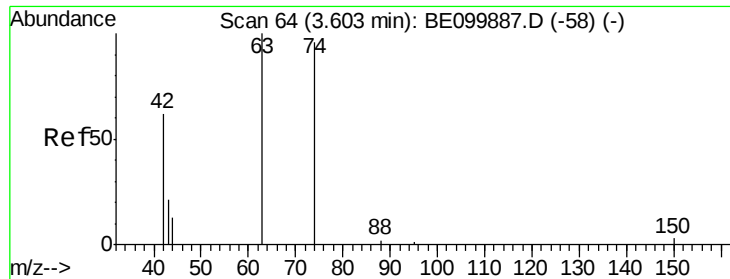
Acq: 15 Jun 2019 2:33

Tgt Ion:	88	Resp:	533
Ion	Ratio	Lower	Upper
88	100		
58	57.6	48.8	73.2
43	40.9	19.0	28.6#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.097 ng/ml

RT: 3.62 min Scan# 66

Delta R.T. 0.02 min

Lab File: BE100042.D

Acq: 15 Jun 2019 2:33

Instrument :

BNA_E

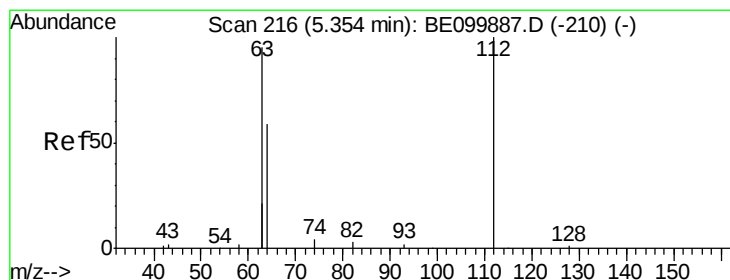
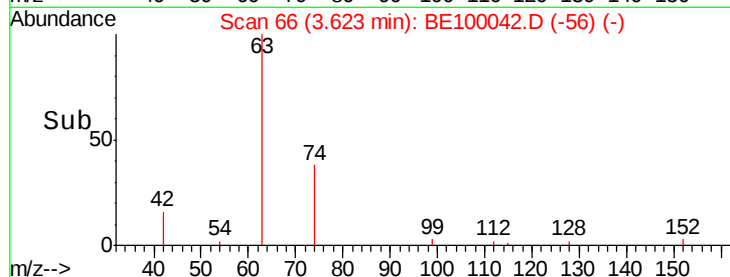
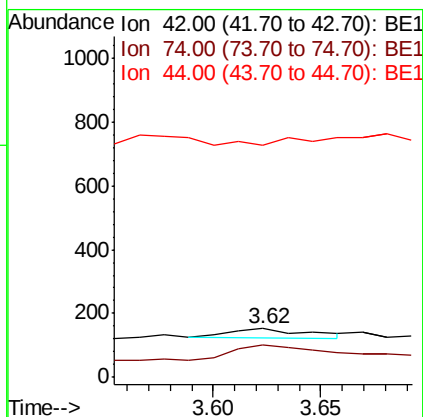
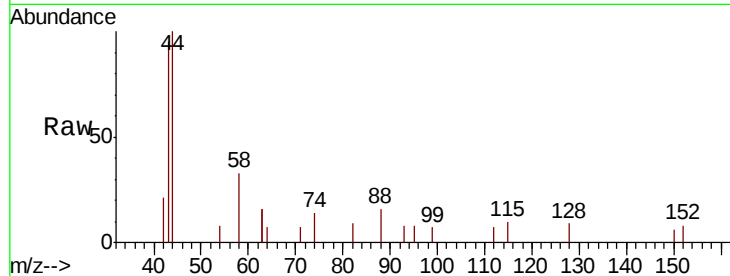
ClientSampleId :

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Tot Ion:	42	Resp:	72
Ion	Ratio	Lower	Upper
42	100		
74	152.8	0.0	0.0#
44	0.0	0.0	0.0

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#4

2-Fluorophenol

Concen: 0.172 ng/ml

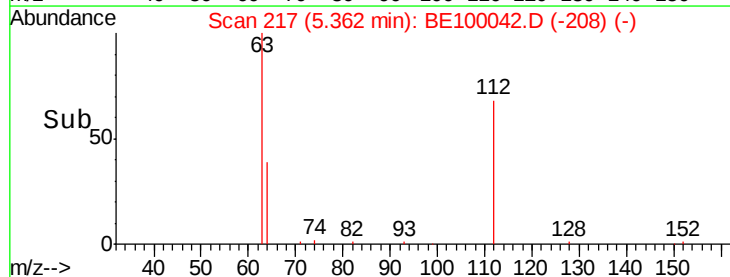
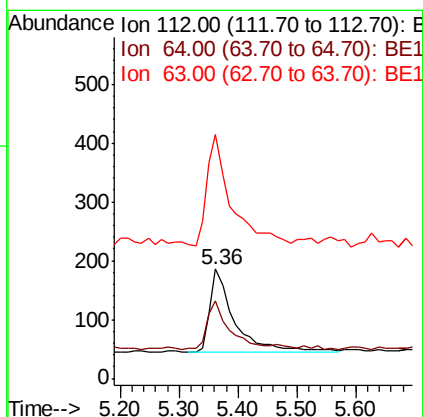
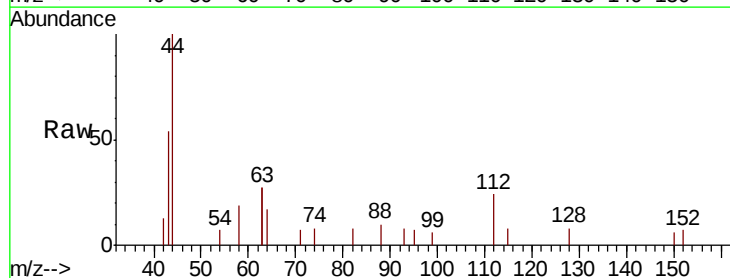
RT: 5.36 min Scan# 217

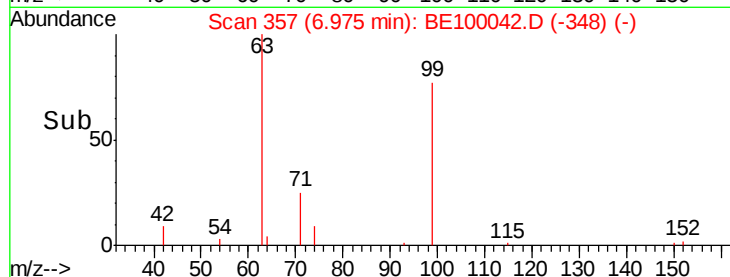
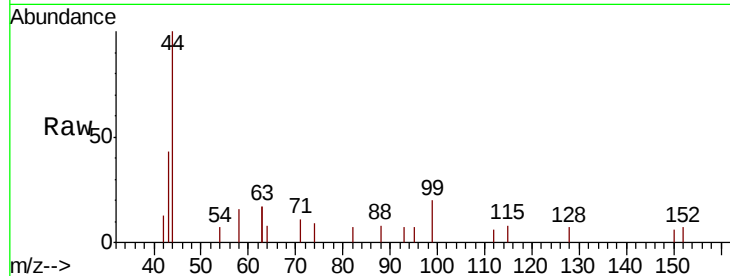
Delta R.T. 0.01 min

Lab File: BE100042.D

Acq: 15 Jun 2019 2:33

Tgt Ion:	112	Resp:	403
Ion	Ratio	Lower	Upper
112	100		
64	52.6	44.1	66.1
63	130.8	87.8	131.6





#5

Phenol-d6

Concen: 0.102 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE100042.D

Acq: 15 Jun 2019 2:33

Tot Ion:	99	Resp:	307
Ion Ratio	Lower	Upper	
99	100		
42	17.3	15.9	23.9
71	46.9	34.6	52.0

Instrument :

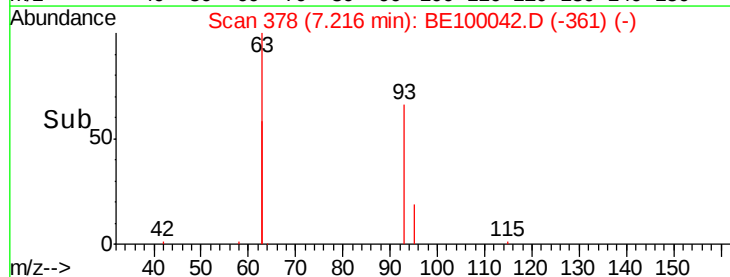
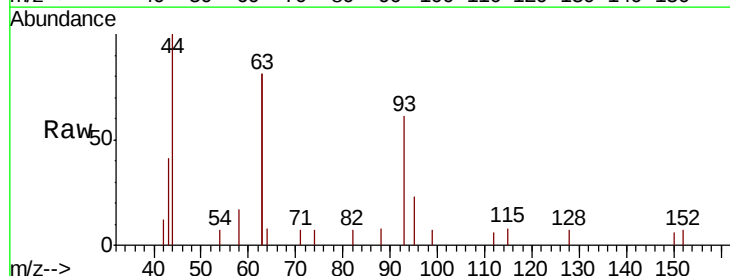
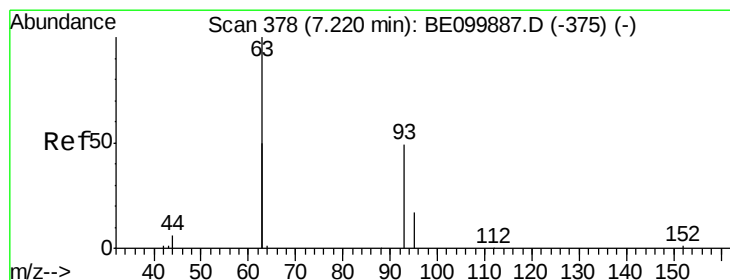
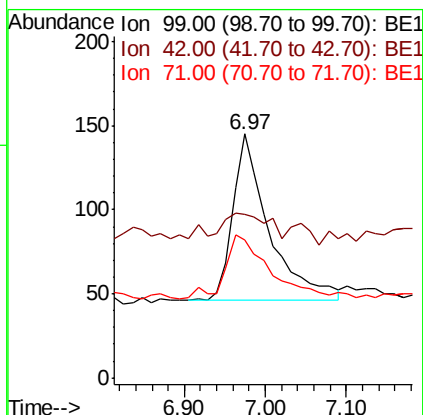
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ClientSampleId :

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#6

bis(2-Chloroethyl)ether

Concen: 0.435 ng

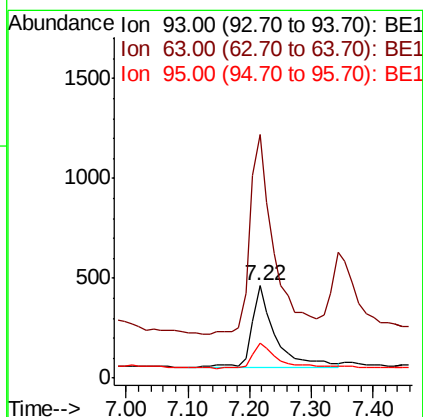
RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE100042.D

Acq: 15 Jun 2019 2:33

Tgt Ion:	93	Resp:	1075
Ion Ratio	Lower	Upper	
93	100		
63	256.0	202.8	304.2
95	34.1	23.7	35.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE100042.D

Acq: 15 Jun 2019 2:33

Instrument :

BNA_E

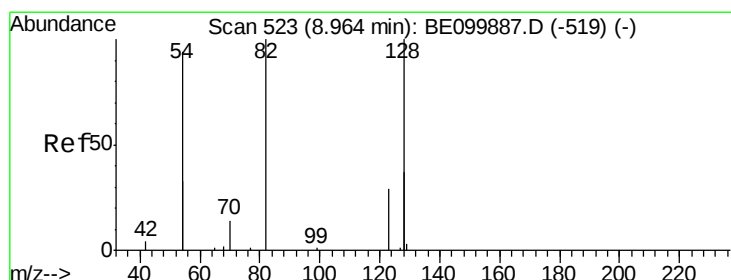
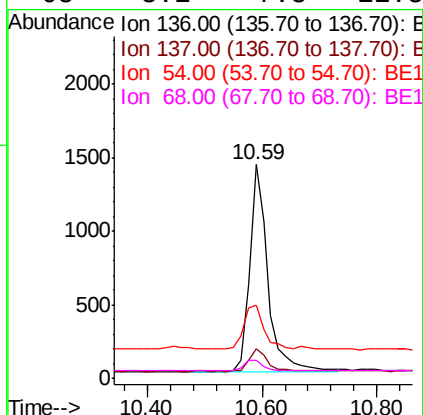
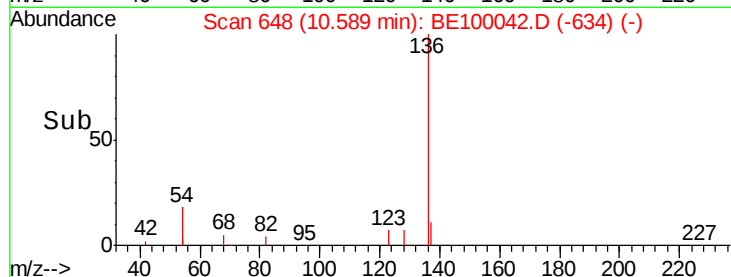
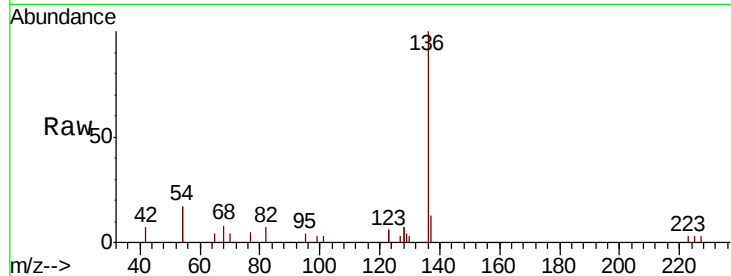
ClientSampleId :

RE104D2-20190607MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	13.5	12.3	18.5
54	34.3	28.2	42.4
68	8.1	7.8	11.8

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#8

Nitrobenzene-d5

Concen: 0.450 ng

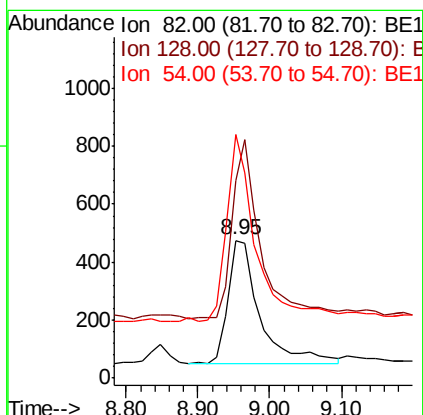
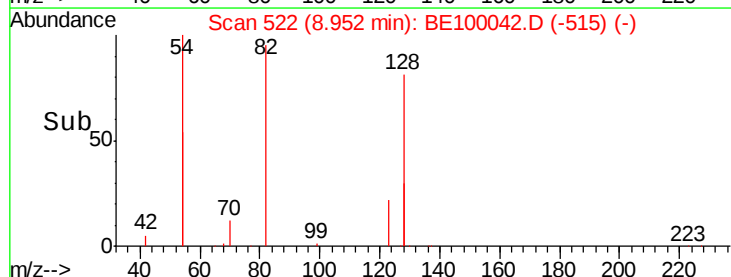
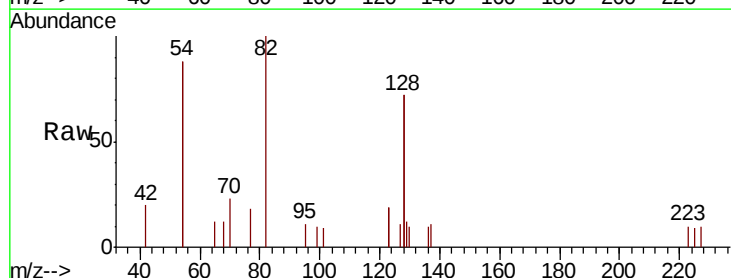
RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE100042.D

Acq: 15 Jun 2019 2:33

Tgt Ion	Ratio	Lower	Upper
82	100		
128	143.2	137.3	205.9
54	176.8	129.7	194.5





#9

Naphthalene

Concen: 0.414 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE100042.D

Acq: 15 Jun 2019 2:33

Instrument :

BNA_E

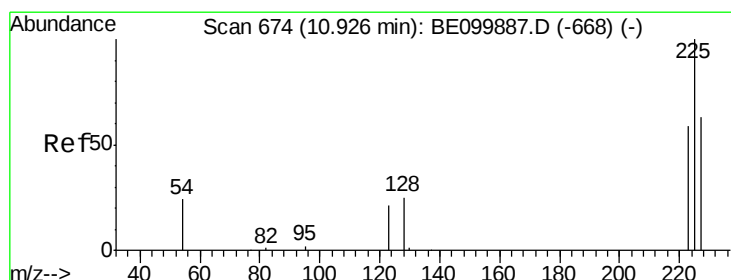
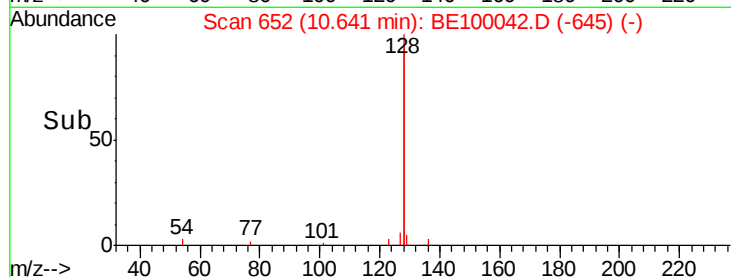
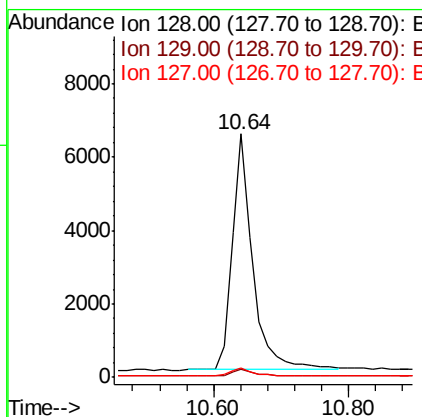
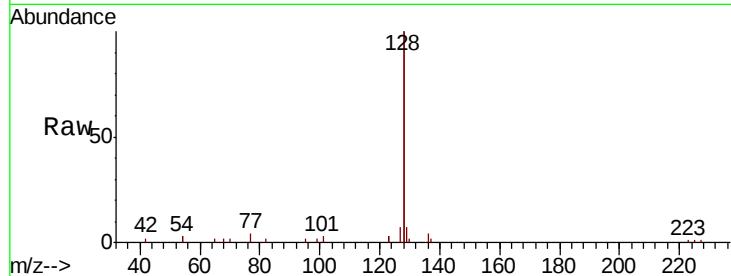
ClientSampleId :

RE104D2-20190607MSD

Tot Ion:	128	Resp:	13747
Ion Ratio	Lower	Upper	
128	100		
129	3.4	3.0	4.6
127	3.7	3.4	5.0

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#10

Hexachlorobutadiene

Concen: 0.383 ng

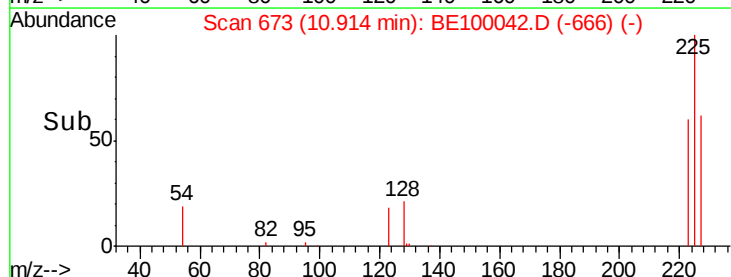
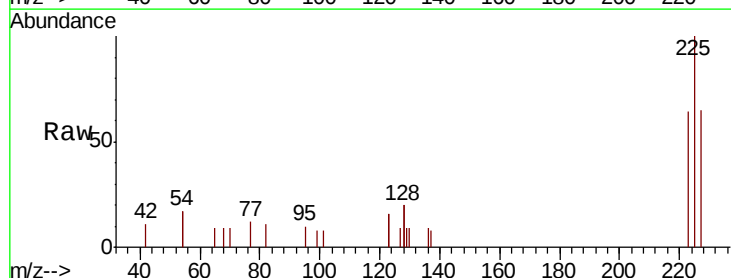
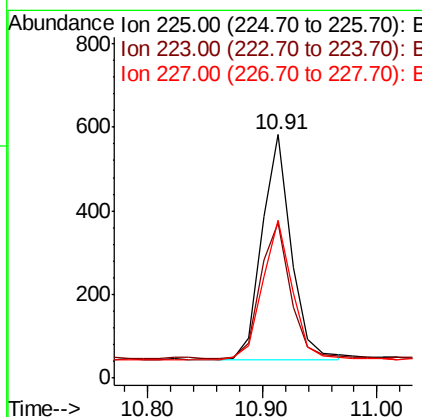
RT: 10.91 min Scan# 673

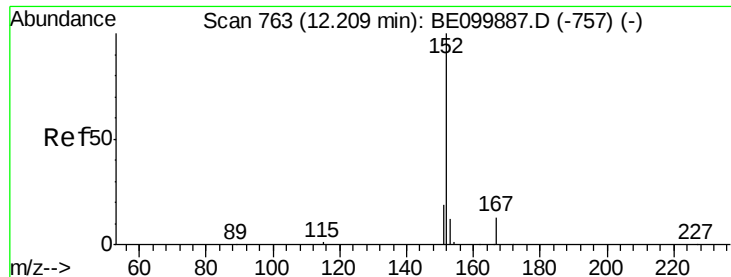
Delta R.T. -0.01 min

Lab File: BE100042.D

Acq: 15 Jun 2019 2:33

Tgt Ion:	225	Resp:	971
Ion Ratio	Lower	Upper	
225	100		
223	60.9	51.6	77.4
227	61.6	50.6	76.0





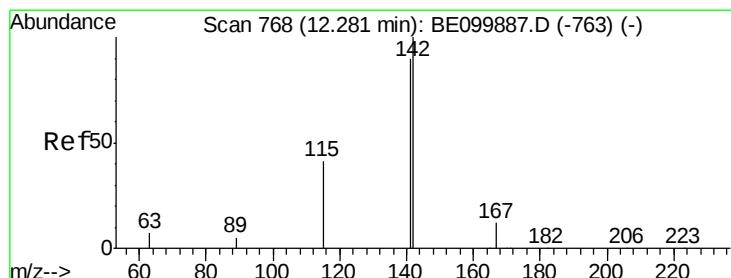
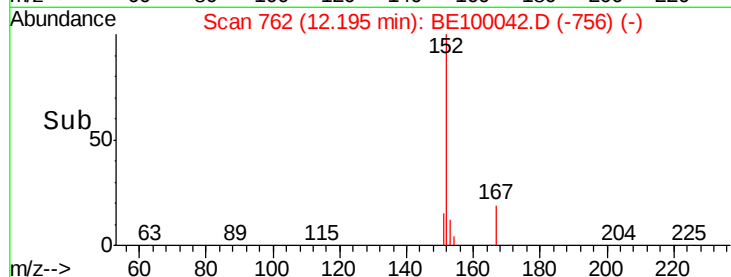
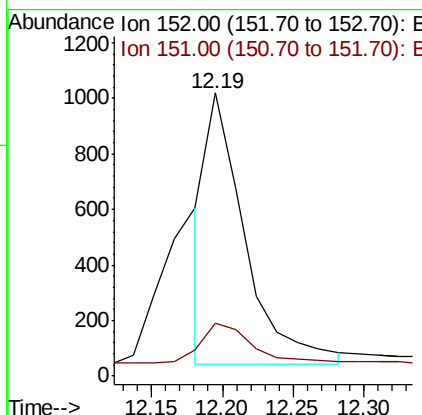
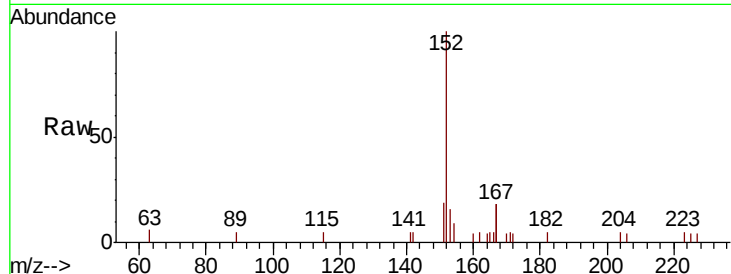
#11
2-Methylnaphthalene-d10
Concen: 0.343 ng m
RT: 12.19 min Scan# 762
Delta R.T. -0.01 min
Lab File: BE100042.D
Acq: 15 Jun 2019 2:33

Instrument :
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ClientSampleId :
RE104D2-20190607MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.2	22.8

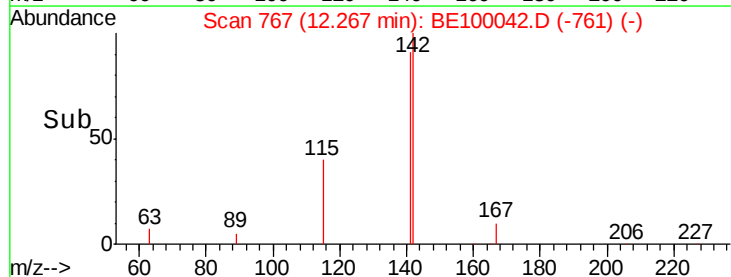
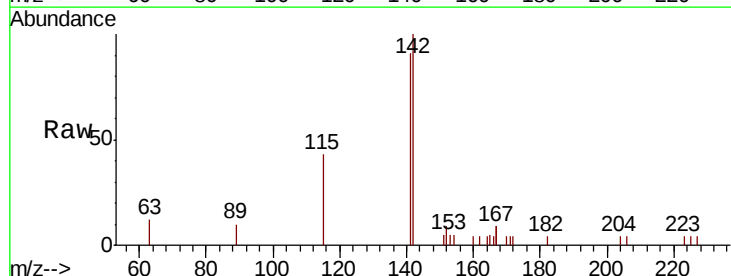
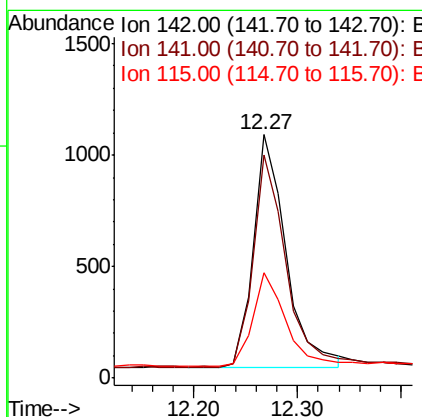
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#12
2-Methylnaphthalene
Concen: 0.424 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.01 min
Lab File: BE100042.D
Acq: 15 Jun 2019 2:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.3	108.5
115	43.5	36.4	54.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.01 min

Lab File: BE100042.D

Acq: 15 Jun 2019 2:33

Instrument :

BNA_E

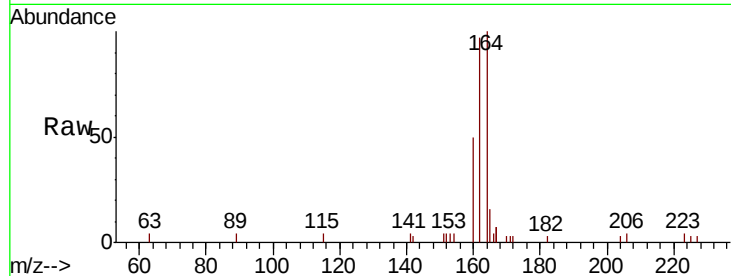
ClientSampleId :

RE104D2-20190607MSD

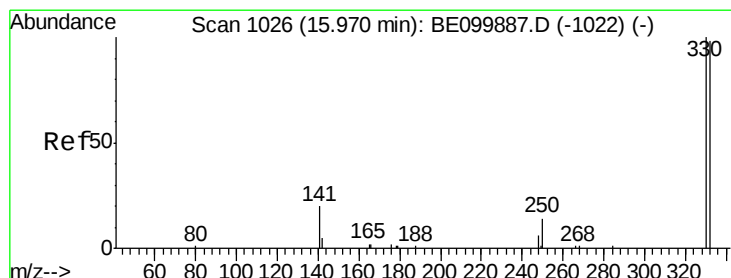
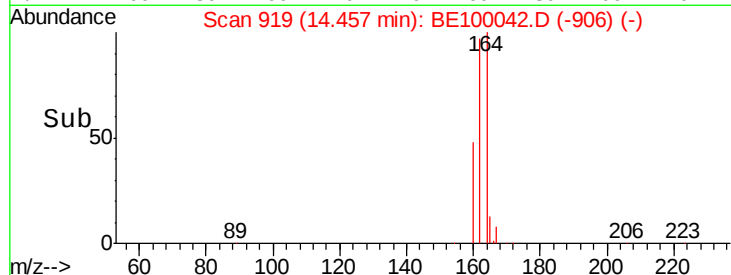
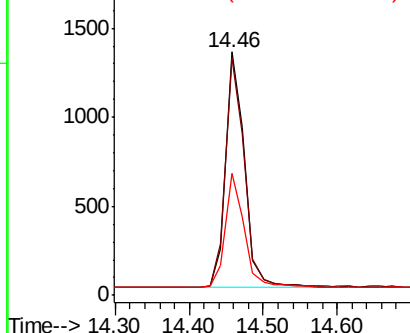
Tot Ion:	164	Resp:	2337
Ion Ratio	Lower	Upper	
164	100		
162	97.2	77.8	116.8
160	50.3	38.2	57.4

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.324 ng

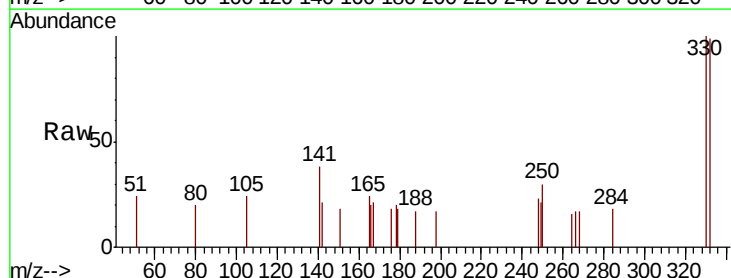
RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

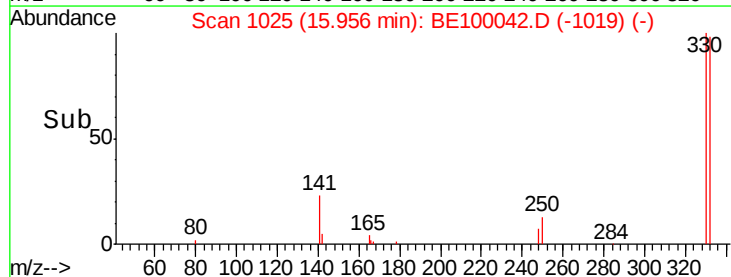
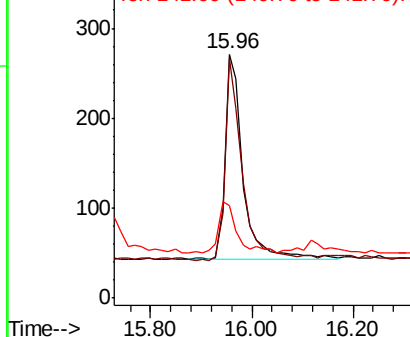
Lab File: BE100042.D

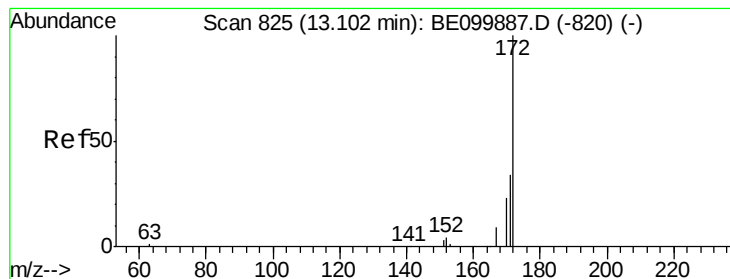
Acq: 15 Jun 2019 2:33

Tgt Ion:	330	Resp:	560
Ion Ratio	Lower	Upper	
330	100		
332	92.9	76.7	115.1
141	25.7	21.0	31.6



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





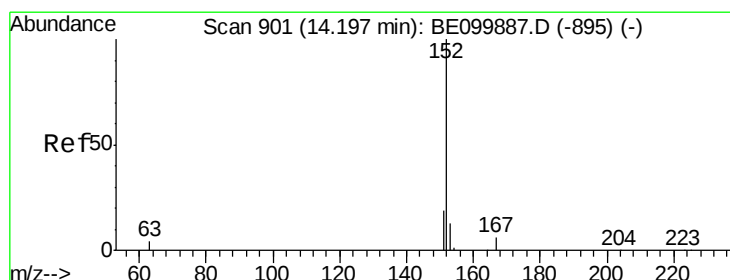
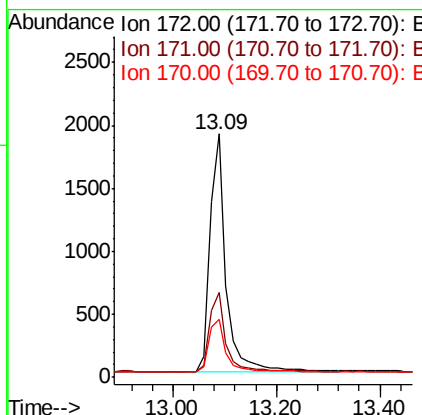
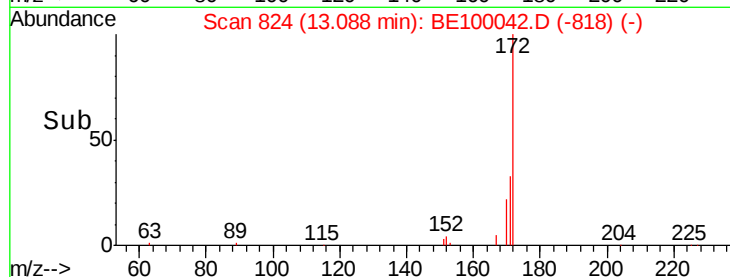
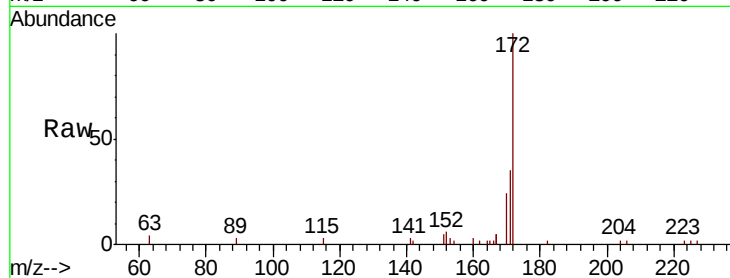
#15
2-Fluorobiphenyl
Concen: 0.463 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE100042.D
Acq: 15 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE104D2-20190607MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.2	43.8
170	24.0	21.2	31.8

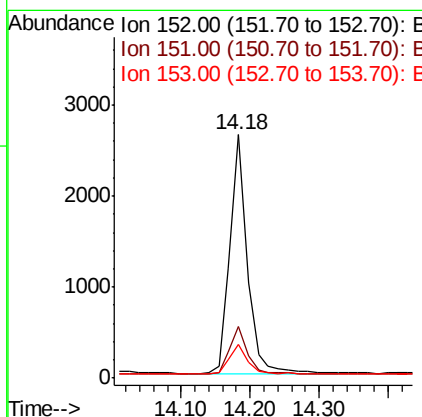
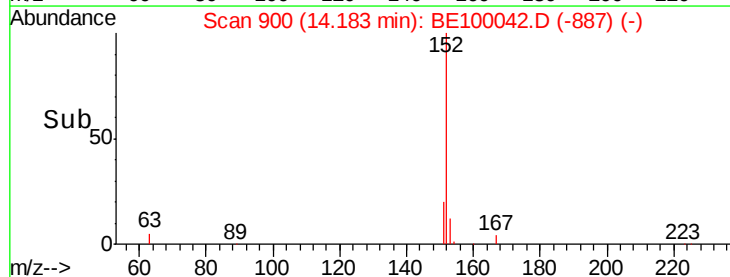
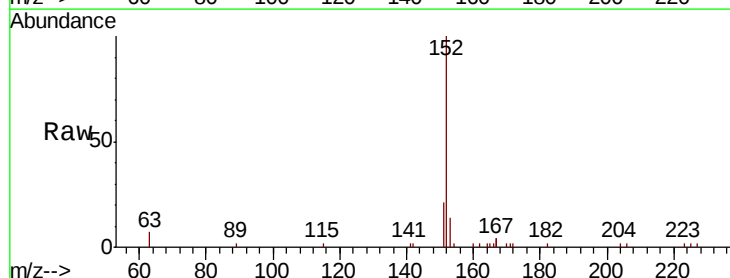
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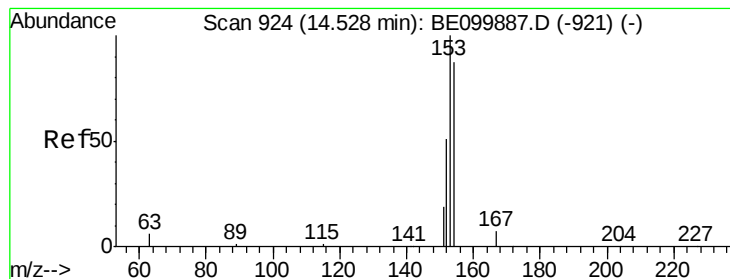
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#16
Acenaphthylene
Concen: 0.394 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE100042.D
Acq: 15 Jun 2019 2:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.5	23.3
153	13.1	10.2	15.2





#17

Acenaphthene

Concen: 0.395 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE100042.D

Acq: 15 Jun 2019 2:33

Instrument :

BNA_E

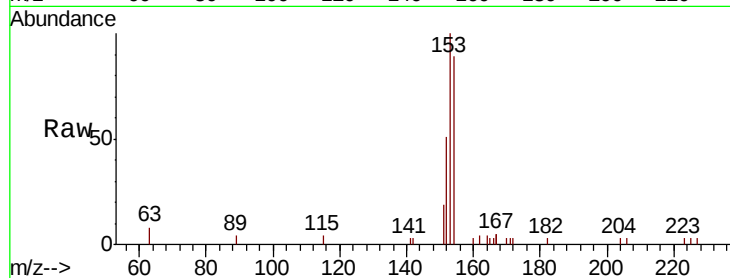
ClientSampleId :

RE104D2-20190607MSD

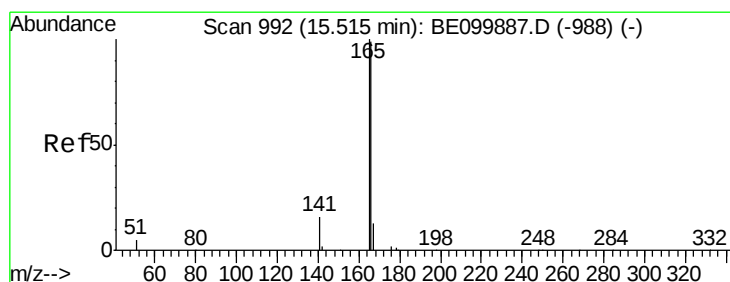
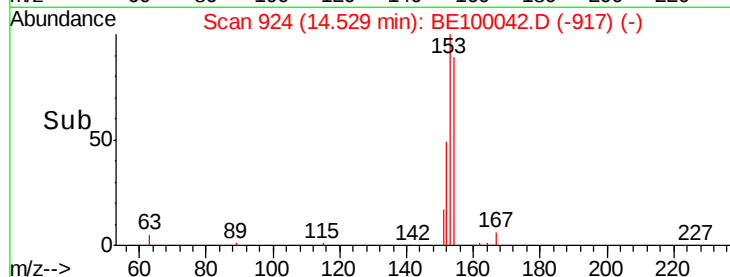
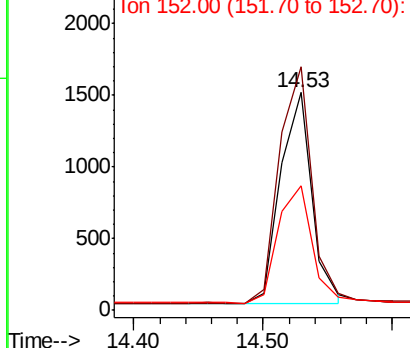
Tot Ion:	154	Resp:	2503
Ion	Ratio	Lower	Upper
154	100		
153	115.6	93.1	139.7
152	59.4	47.0	70.4

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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: 0.387 ng

RT: 15.50 min Scan# 991

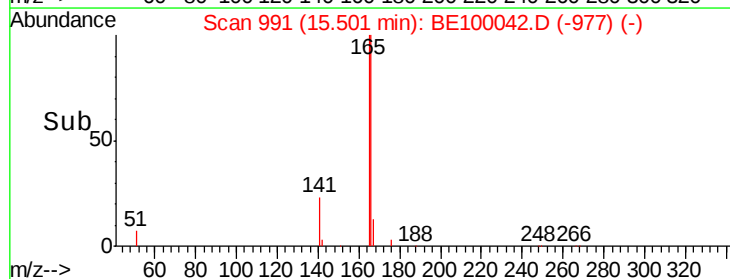
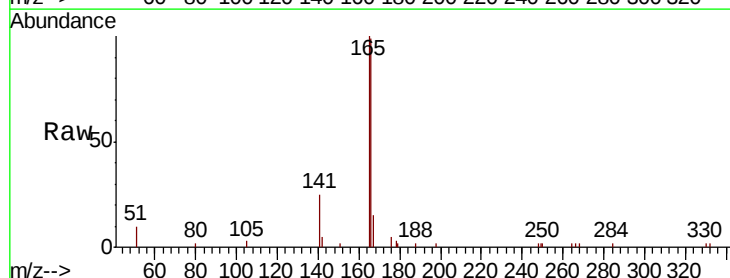
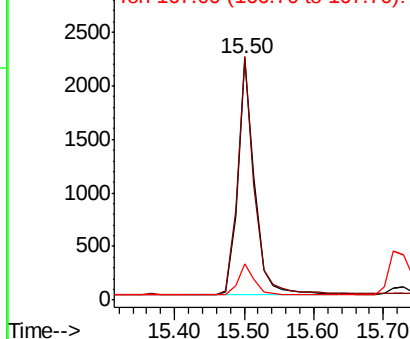
Delta R.T. -0.01 min

Lab File: BE100042.D

Acq: 15 Jun 2019 2:33

Tgt Ion:	166	Resp:	3678
Ion	Ratio	Lower	Upper
166	100		
165	99.5	81.8	122.8
167	13.6	11.2	16.8

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





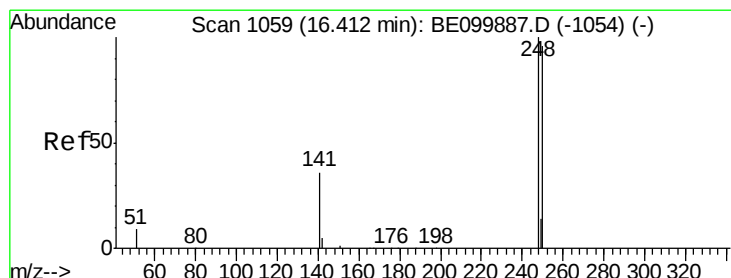
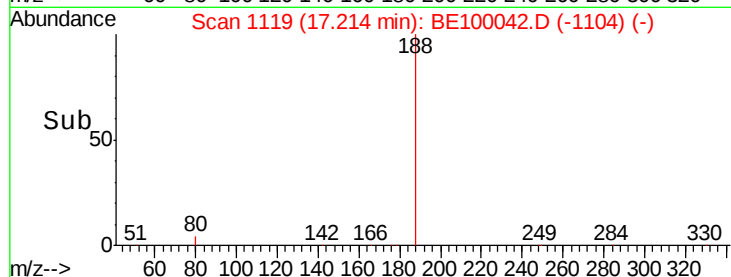
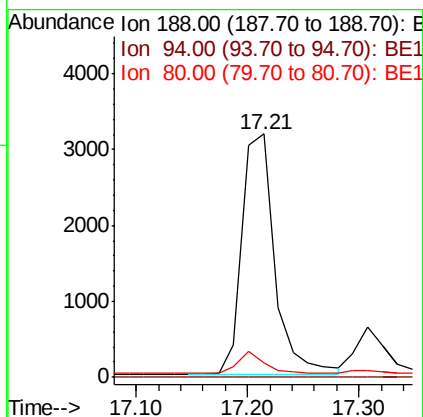
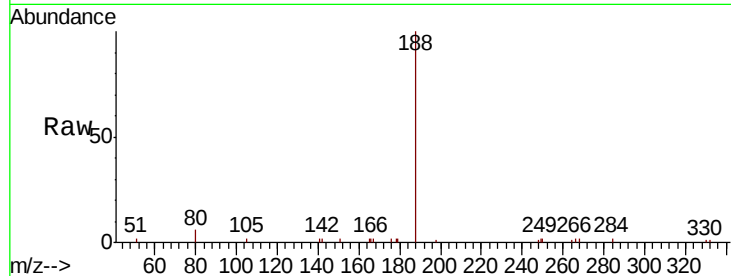
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE100042.D
Acq: 15 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE104D2-20190607MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.8	6.4	9.6

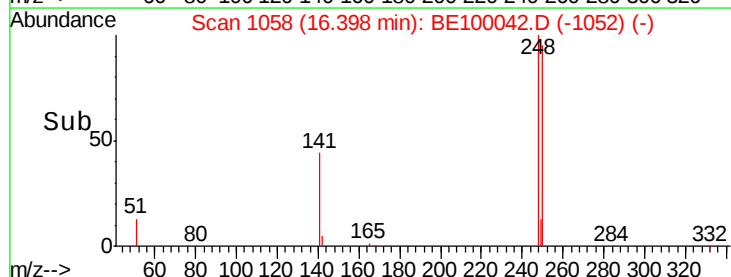
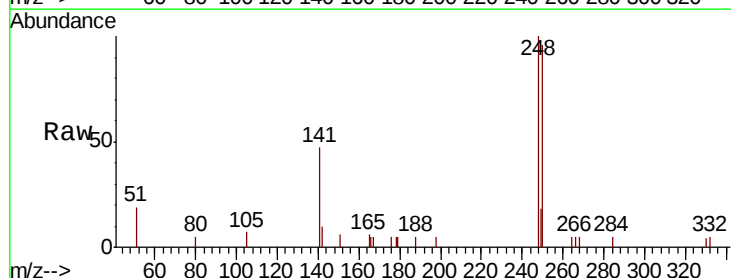
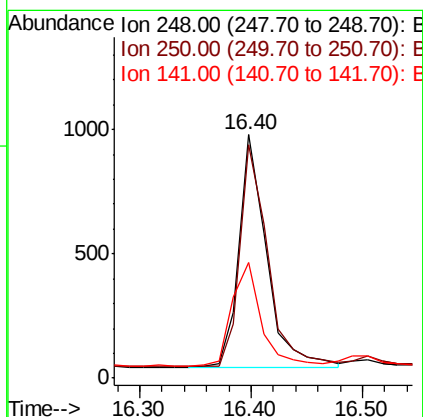
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#20
4-Bromophenyl-phenylether
Concen: 0.438 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE100042.D
Acq: 15 Jun 2019 2:33

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	95.8	77.5	116.3
141	47.4	31.8	47.8





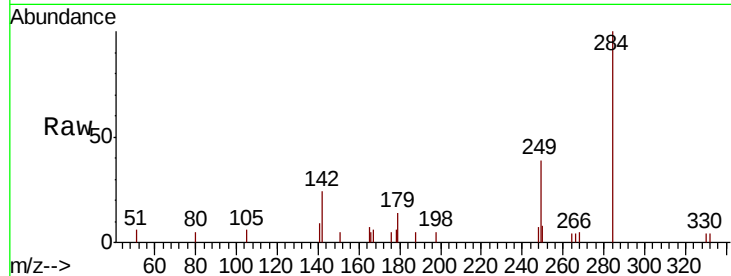
#21
Hexachlorobenzene
Concen: 0.422 ng
RT: 16.50 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BE100042.D
Acq: 15 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE104D2-20190607MSD

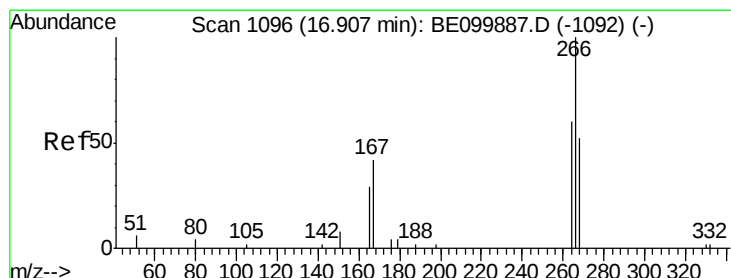
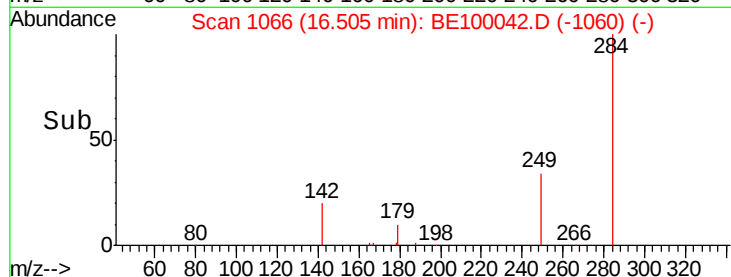
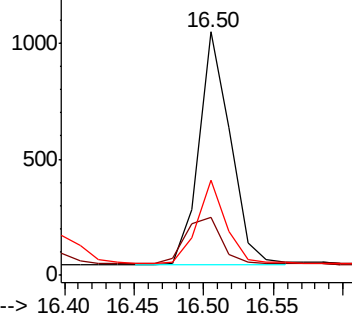
Tot Ion	Ratio	Lower	Upper
284	100		
142	23.2	18.2	27.4
249	32.7	24.6	37.0

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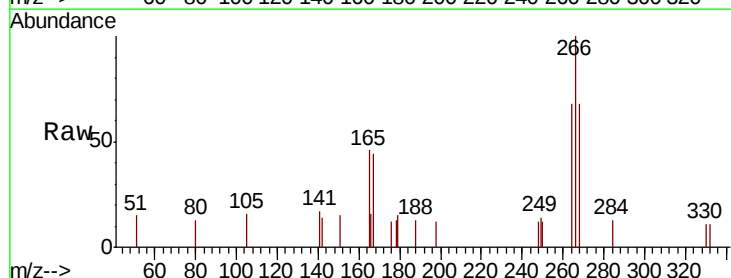


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

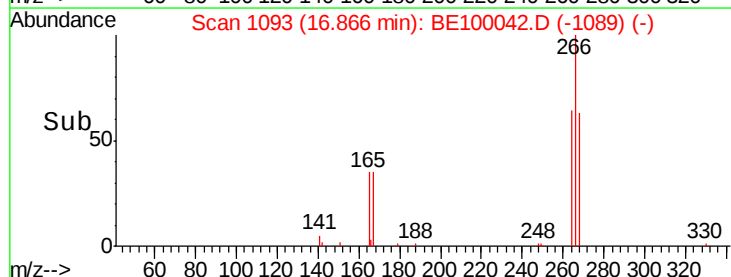
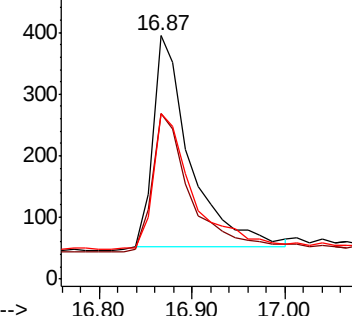


#22
Pentachlorophenol
Concen: 0.832 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.04 min
Lab File: BE100042.D
Acq: 15 Jun 2019 2:33

Tgt Ion	Ratio	Lower	Upper
266	100		
264	67.8	62.2	93.2
268	67.8	65.5	98.3



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





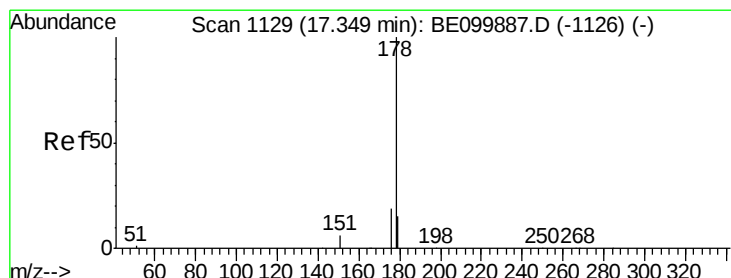
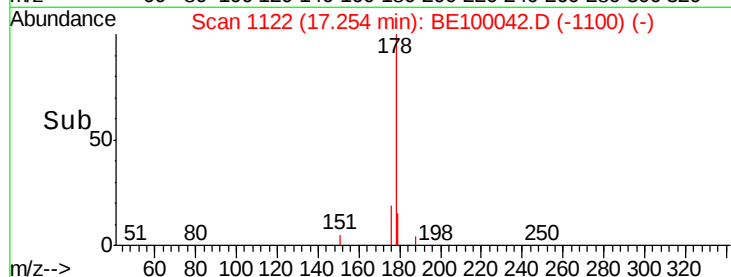
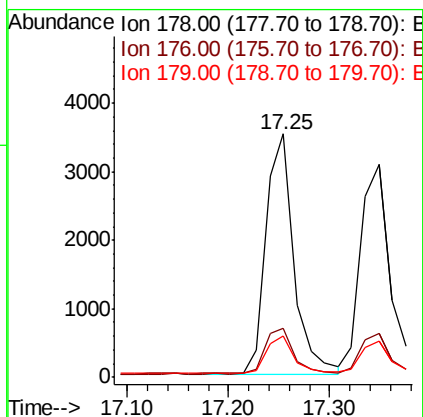
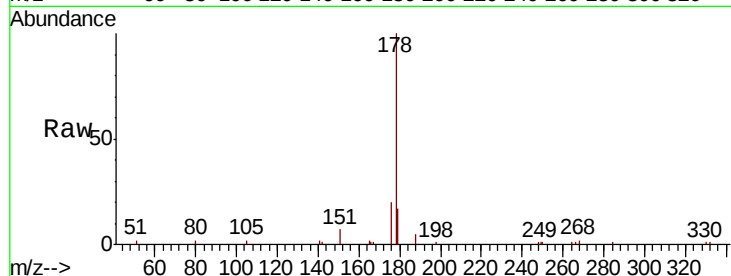
#23
Phenanthrene
Concen: 0.427 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE100042.D
Acq: 15 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE104D2-20190607MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.8	12.4	18.6

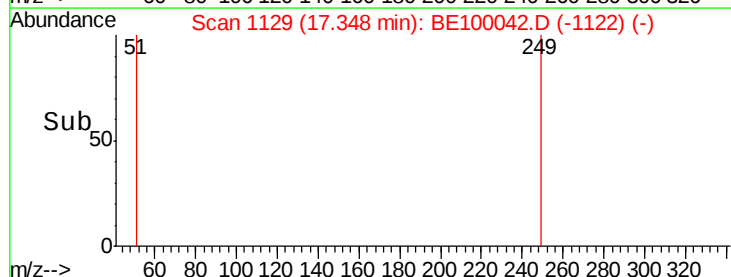
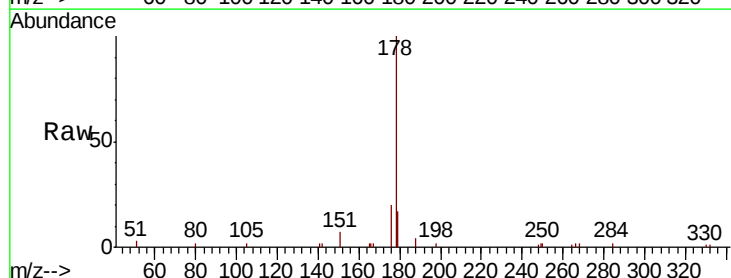
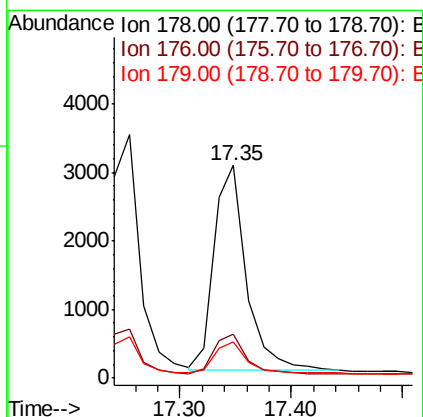
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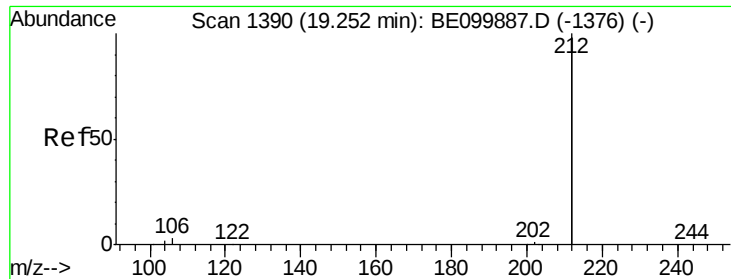
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#24
Anthracene
Concen: 0.414 ng
RT: 17.35 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE100042.D
Acq: 15 Jun 2019 2:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.6	22.0
179	14.9	12.3	18.5





#25

Fluoranthene-d10

Concen: 0.350 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE100042.D

Acq: 15 Jun 2019 2:33

Instrument :

BNA_E

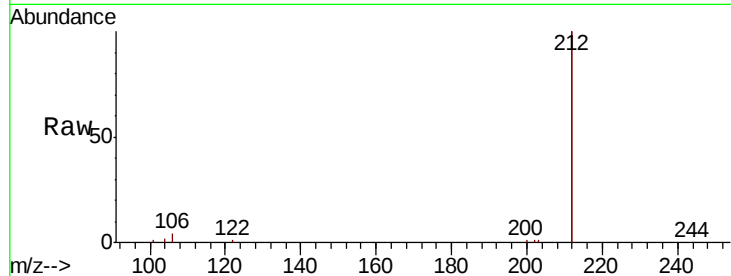
ClientSampleId :

RE104D2-20190607MSD

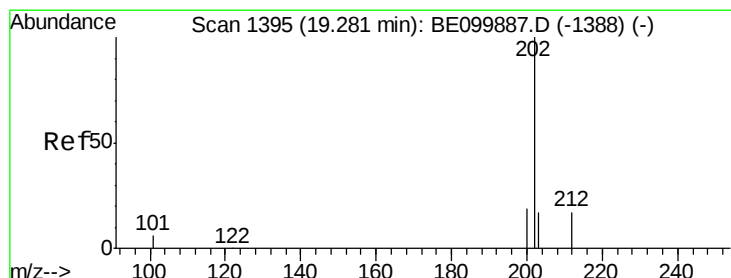
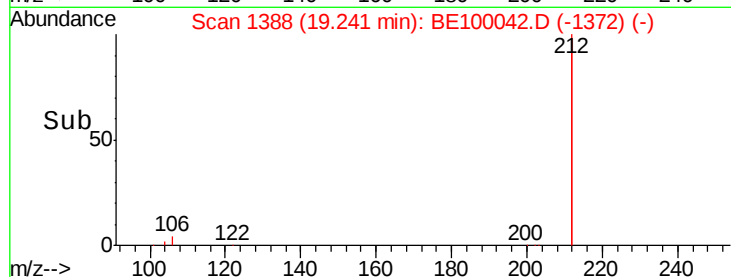
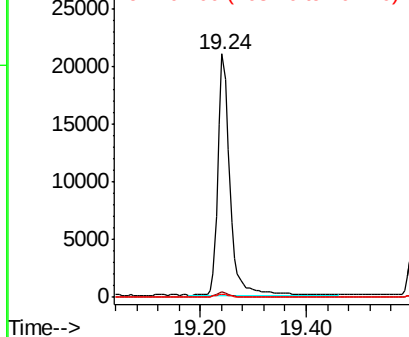
Tot Ion:	212	Resp:	32902
Ion Ratio	Lower	Upper	
212	100		
106	1.8	1.4	2.2
104	1.1	0.9	1.3

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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: 0.389 ng

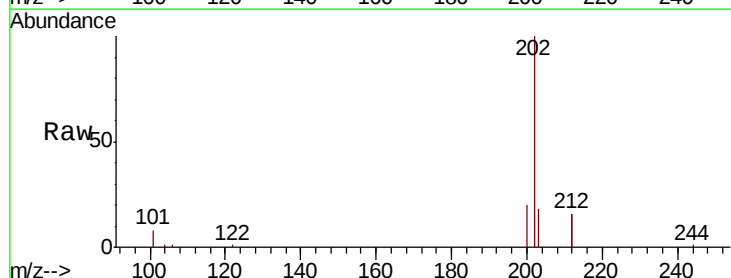
RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

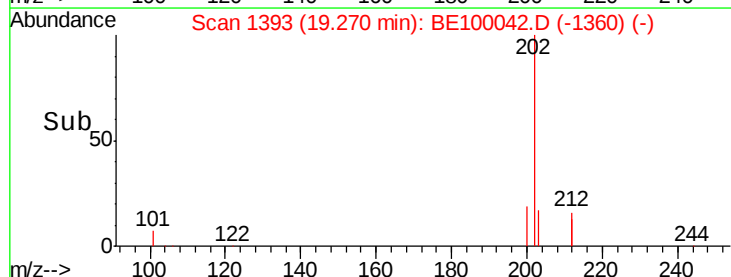
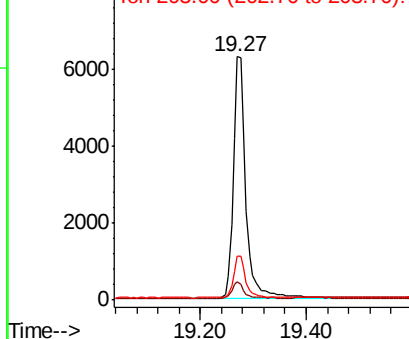
Lab File: BE100042.D

Acq: 15 Jun 2019 2:33

Tgt Ion:	202	Resp:	10360
Ion Ratio	Lower	Upper	
202	100		
101	6.4	5.4	8.0
203	16.4	13.2	19.8



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





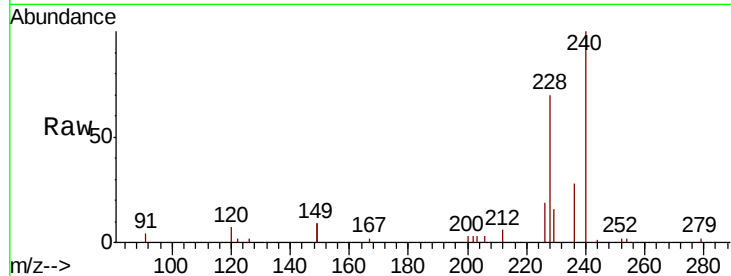
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE100042.D
Acq: 15 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE104D2-20190607MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.2	3.8	5.6#
236	28.1	22.0	33.0

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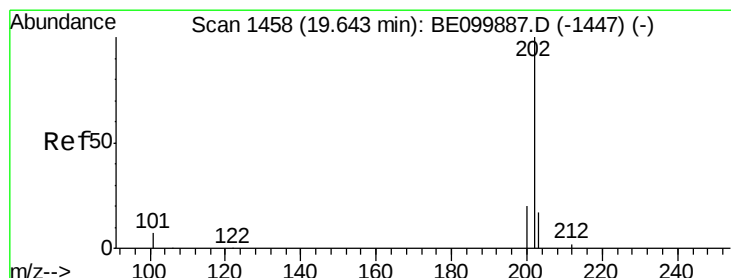
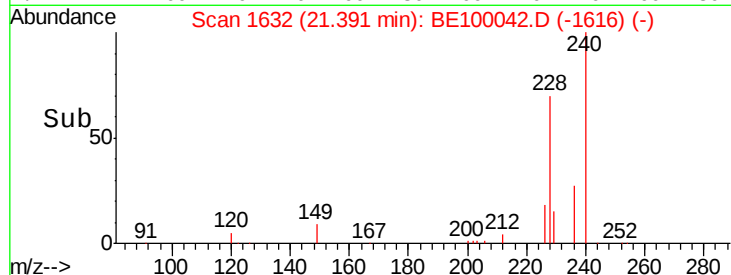
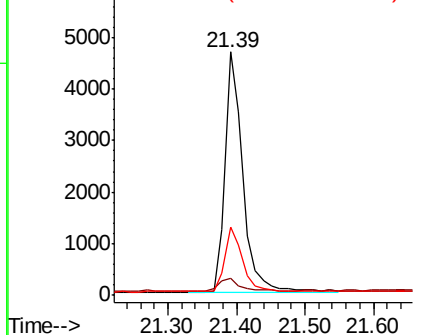


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28
Pyrene
Concen: 0.477 ng
RT: 19.64 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BE100042.D
Acq: 15 Jun 2019 2:33

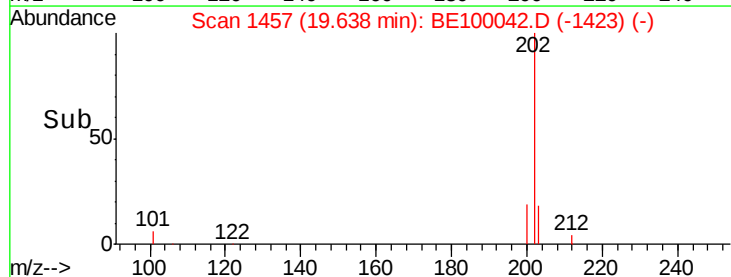
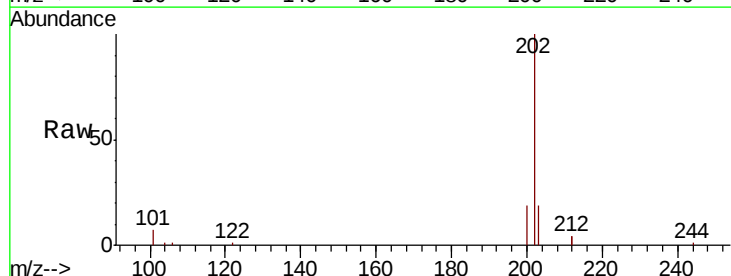
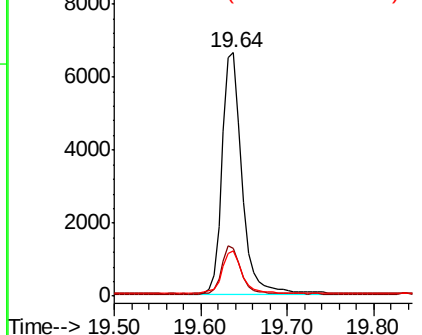
Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.5	23.3
203	18.5	14.0	21.0

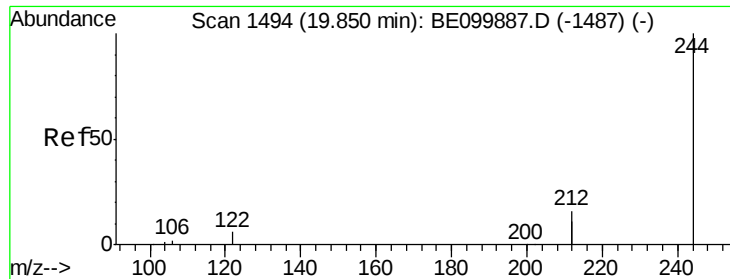
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.597 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE100042.D

Acq: 15 Jun 2019 2:33

Instrument :

BNA_E

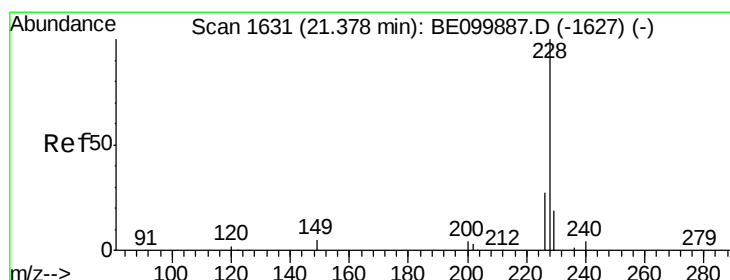
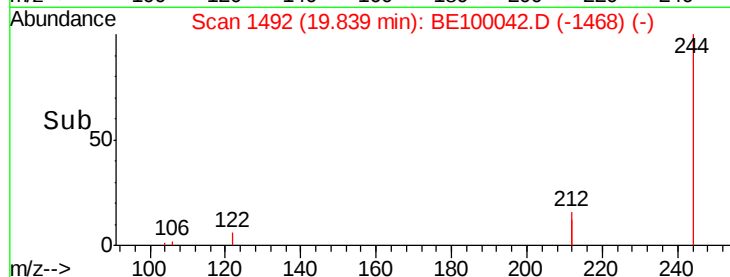
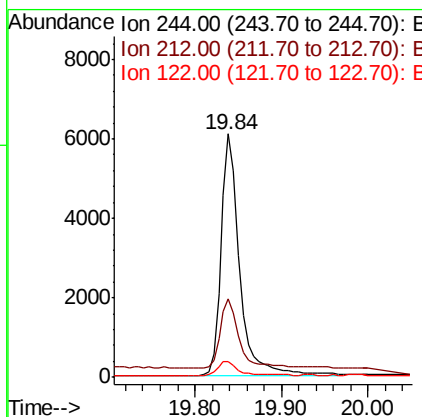
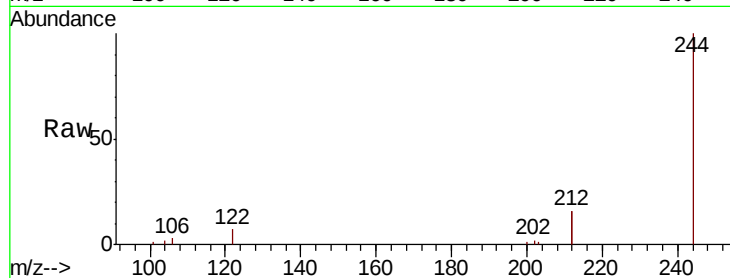
ClientSampleId :

RE104D2-20190607MSD

Tot Ion:	244	Resp:	9059
Ion Ratio	Lower	Upper	
244	100		
212	32.2	25.7	38.5
122	6.6	5.5	8.3

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#30

Benzo(a)anthracene

Concen: 0.442 ng

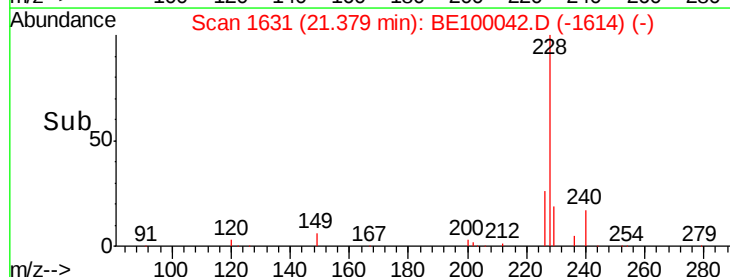
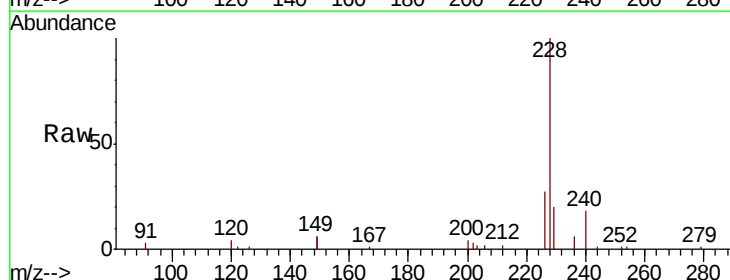
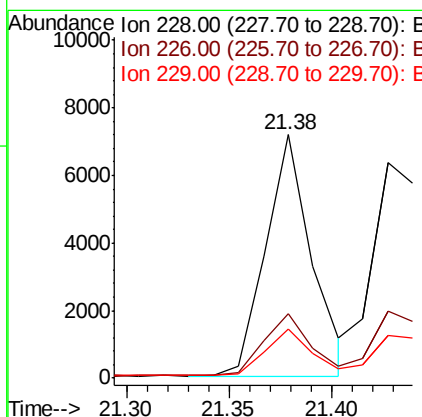
RT: 21.38 min Scan# 1631

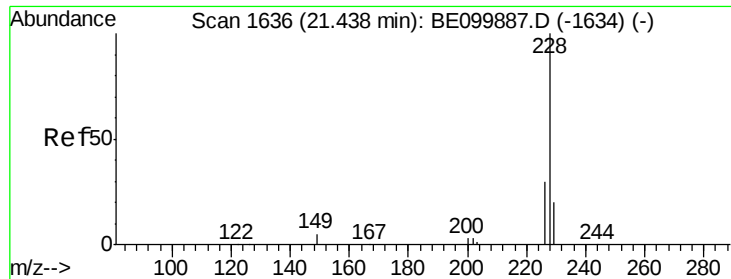
Delta R.T. 0.00 min

Lab File: BE100042.D

Acq: 15 Jun 2019 2:33

Tgt Ion:	228	Resp:	11135
Ion Ratio	Lower	Upper	
228	100		
226	26.7	22.5	33.7
229	20.2	15.9	23.9





#31

Chrysene

Concen: 0.454 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE100042.D

Acq: 15 Jun 2019 2:33

Instrument :

BNA_E

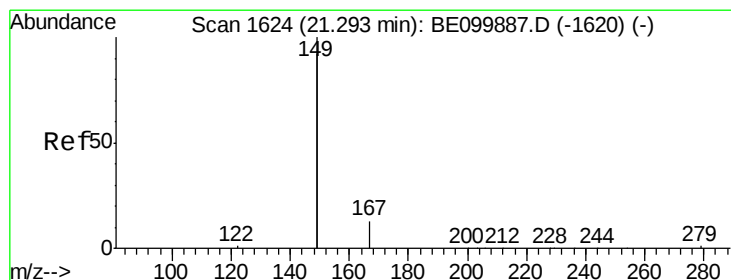
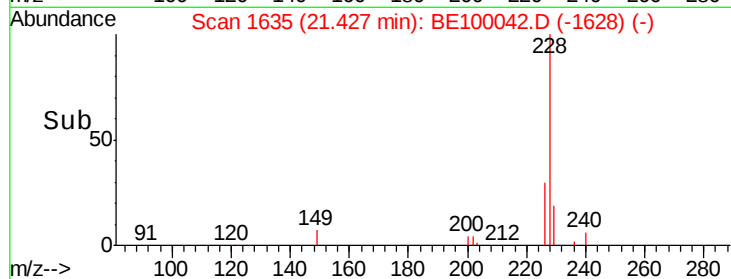
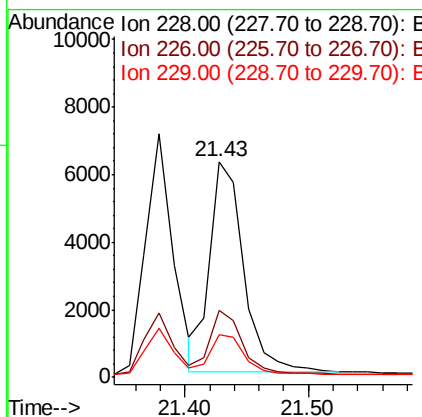
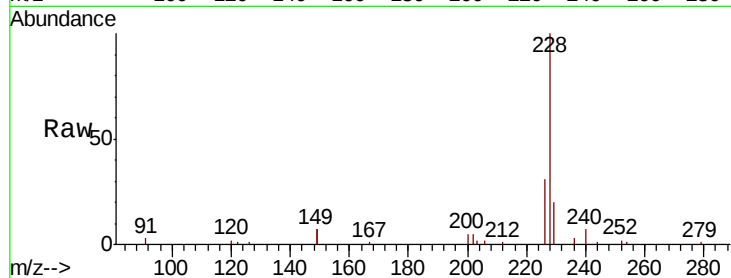
ClientSampleId :

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Tot Ion:	228	Resp:	11825
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.1	36.1
229	19.9	16.1	24.1

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.470 ng

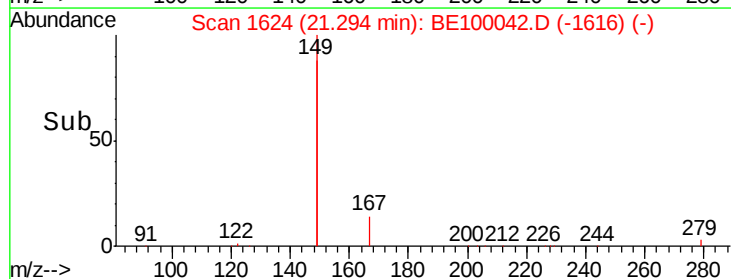
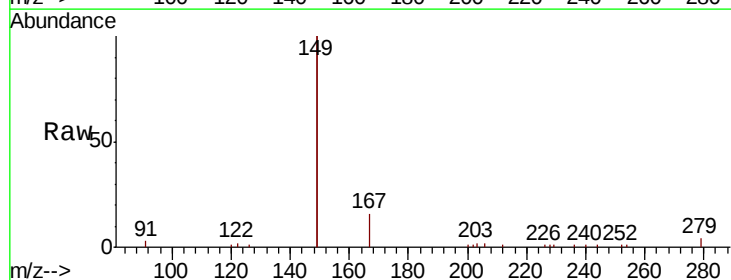
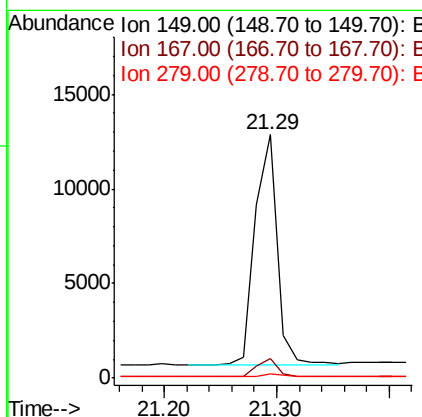
RT: 21.29 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BE100042.D

Acq: 15 Jun 2019 2:33

Tgt Ion:	149	Resp:	16997
Ion Ratio	Lower	Upper	
149	100		
167	7.5	5.9	8.9
279	1.4	1.2	1.8





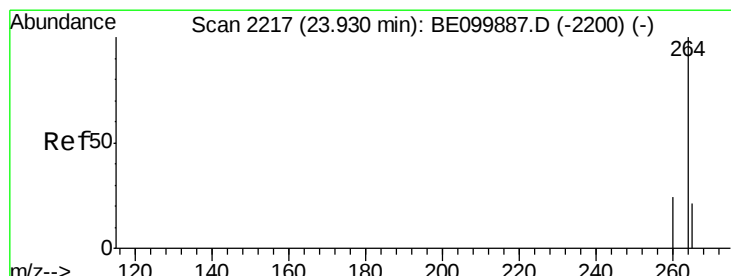
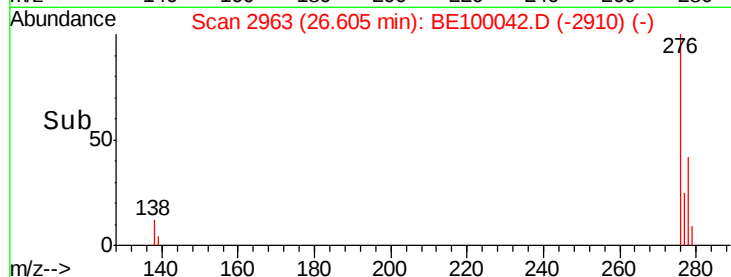
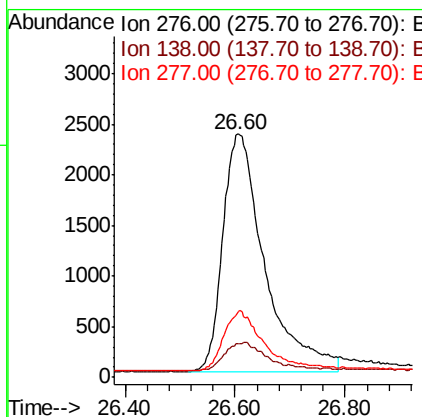
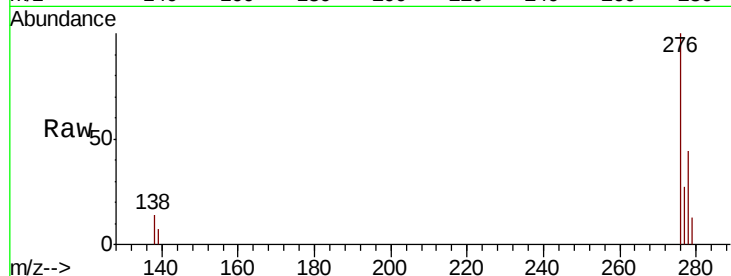
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.402 ng
 RT: 26.60 min Scan# 2963
 Delta R.T. -0.01 min
 Lab File: BE100042.D
 Acq: 15 Jun 2019 2:33

Instrument :
 BNA_E
 ClientSampleId :
 RE104D2-20190607MSD

Tot Ion:	276	Resp:	12416
Ion Ratio	Lower	Upper	
276	100		
138	11.0	10.1	15.1
277	24.9	19.1	28.7

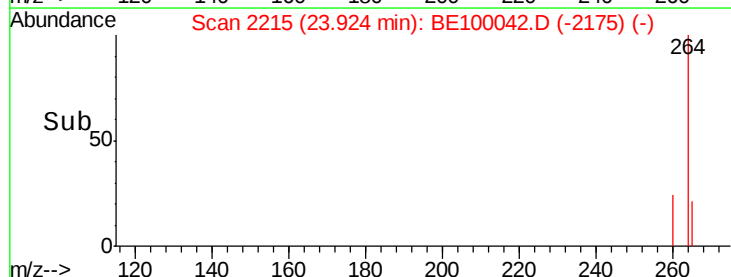
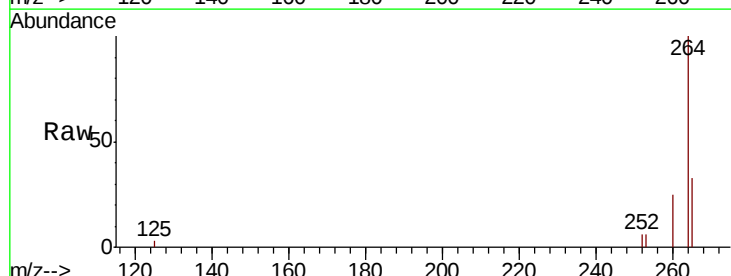
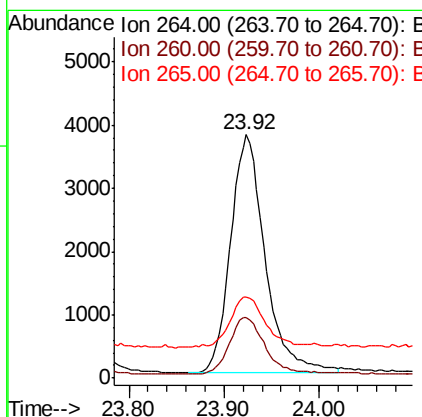
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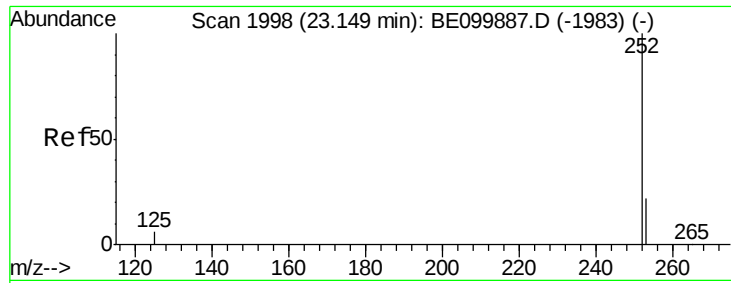
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2215
 Delta R.T. -0.01 min
 Lab File: BE100042.D
 Acq: 15 Jun 2019 2:33

Tgt Ion:	264	Resp:	9494
Ion Ratio	Lower	Upper	
264	100		
260	24.9	20.2	30.2
265	33.3	22.0	33.0#





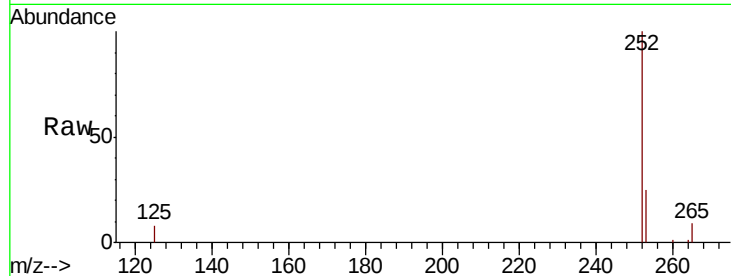
#35
Benzo(b)fluoranthene
Concen: 0.401 ng
RT: 23.14 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BE100042.D
Acq: 15 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE104D2-20190607MSD

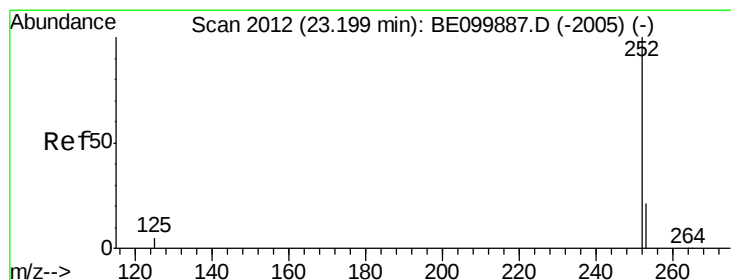
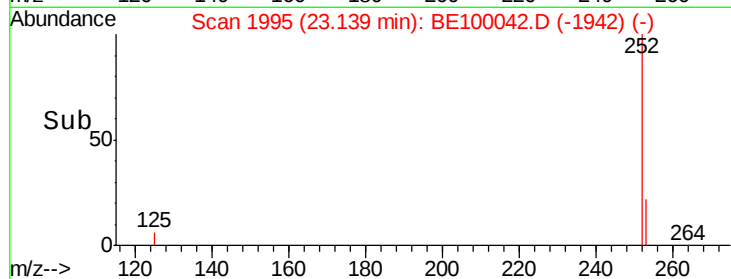
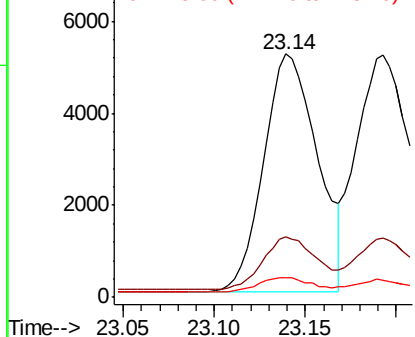
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.7	28.1
125	8.2	5.7	8.5

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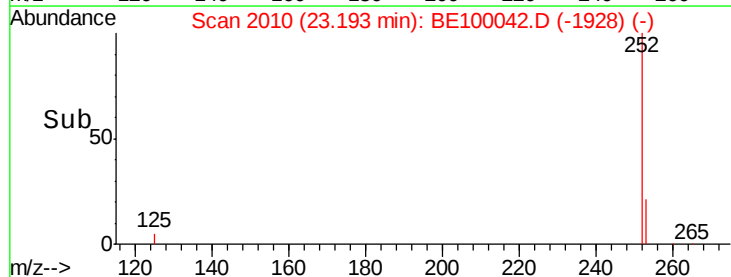
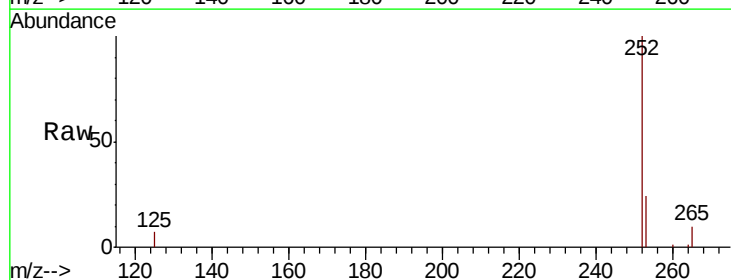
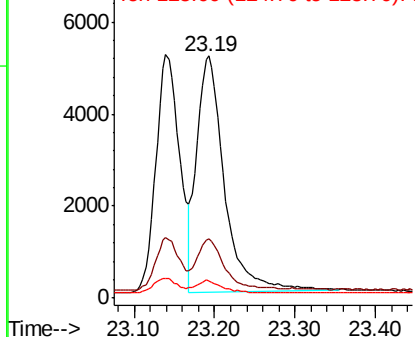
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#36
Benzo(k)fluoranthene
Concen: 0.438 ng
RT: 23.19 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BE100042.D
Acq: 15 Jun 2019 2:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.6	28.0
125	7.2	5.4	8.0

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





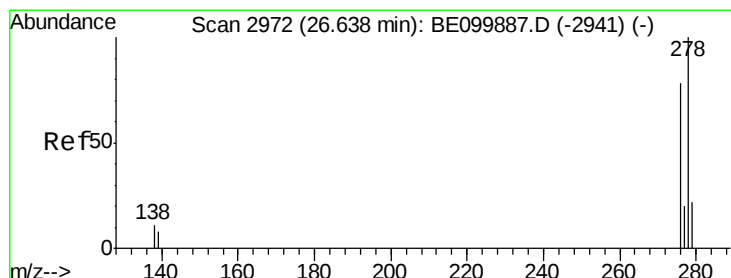
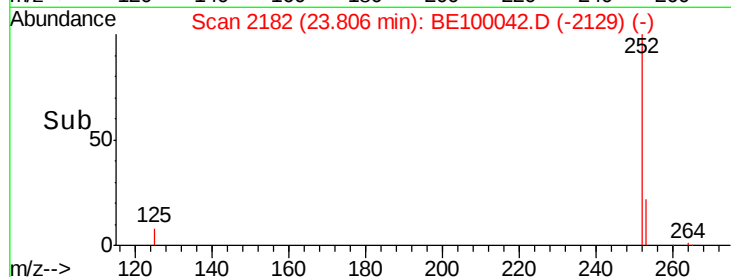
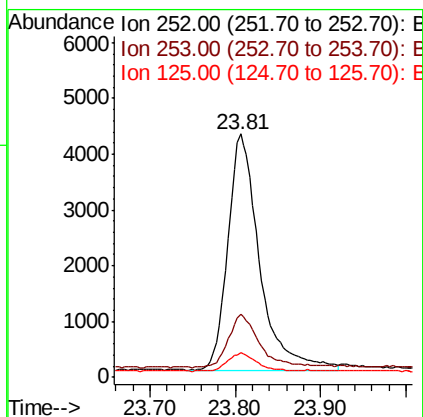
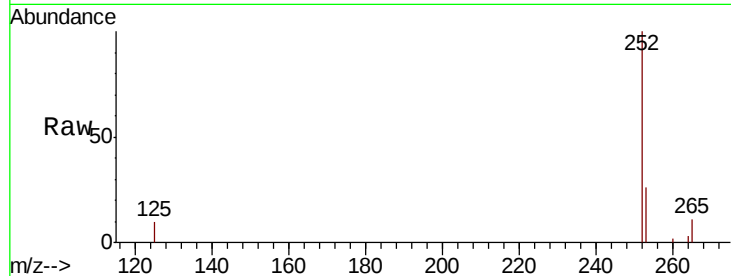
#37
Benzo(a)pyrene
Concen: 0.416 ng
RT: 23.81 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BE100042.D
Acq: 15 Jun 2019 2:33

Instrument :
BNA_E
ClientSampleId :
RE104D2-20190607MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.6	29.4
125	10.0	6.6	10.0

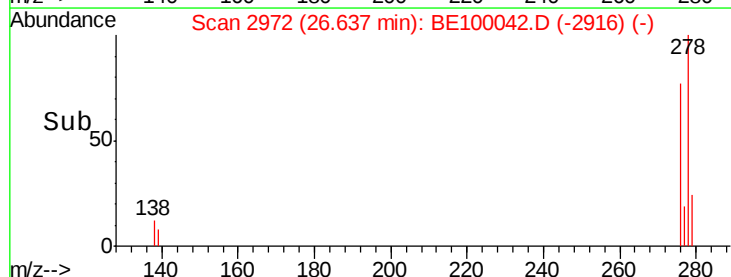
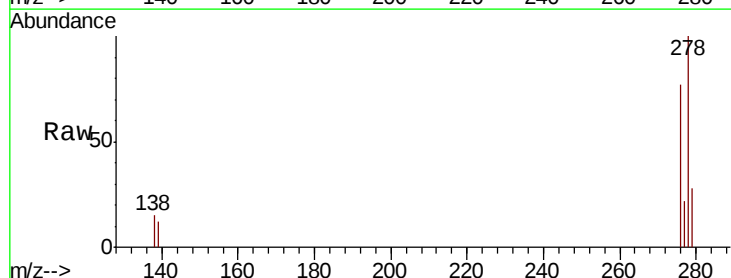
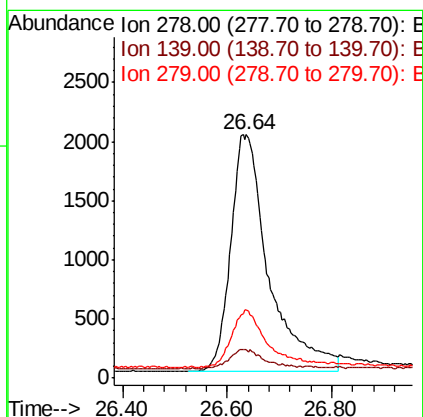
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#38
Dibenzo(a,h)anthracene
Concen: 0.385 ng
RT: 26.64 min Scan# 2972
Delta R.T. -0.00 min
Lab File: BE100042.D
Acq: 15 Jun 2019 2:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.9	7.8	11.8
279	27.8	20.0	30.0





#39

Benzo(a,h,i)perylene

Concen: 0.397 ng

RT: 27.44 min Scan# 3196

Delta R.T. 0.00 min

Lab File: BE100042.D

Acq: 15 Jun 2019 2:33

Instrument :

BNA_E

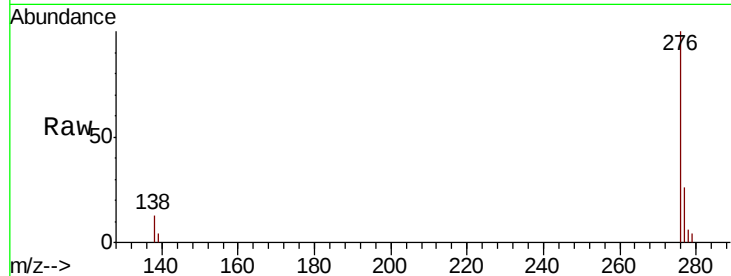
ClientSampleId :

RE104D2-20190607MSD

Tot Ion:	276	Resp:	10840
Ion Ratio	Lower	Upper	
276	100		
277	25.7	19.5	29.3
138	12.8	9.5	14.3

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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

