

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050119\
 Data File : BE099470.D
 Acq On : 1 May 2019 18:57
 Operator : JU/SJ
 Sample : K2589-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B203-042519

Manual Integrations
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 5/2/2019 4:47:38 PM

Quant Time: May 02 08:25:24 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 29 18:36:43 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	1963	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	7392	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	5757	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	18885	0.40	ng	0.00
27) Chrysene-d12	21.37	240	24825	0.40	ng	0.00
34) Perylene-d12	23.86	264	28213	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	2272	0.42	ng	0.00
5) Phenol-d6	6.97	99	3284	0.45	ng	0.00
8) Nitrobenzene-d5	8.96	82	2646	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	5161	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1628	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	7618	0.35	ng	-0.01
25) Fluoranthene-d10	19.22	212	92930	0.37	ng	0.00
29) Terphenyl-d14	19.81	244	18559	0.41	ng	0.00

Target Compounds

						Qvalue
9) Naphthalene	10.65	128	2046	0.025	ng	# 89
16) Acenaphthylene	14.18	152	970	0.034	ng	99
18) Fluorene	15.49	166	484	0.020	ng	# 91
23) Phenanthrene	17.23	178	22473	0.461	ng	99
24) Anthracene	17.32	178	4851	0.104	ng	# 93
26) Fluoranthene	19.25	202	73705	1.010	ng	100
28) Pyrene	19.61	202	69819	1.079	ng	# 95
30) Benzo(a)anthracene	21.34	228	54451	0.688	ng	97
31) Chrysene	21.40	228	49417	0.638	ng	96
32) Bis(2-ethylhexyl)phthalate	21.27	149	17430	0.084	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.50	276	25677	0.281	ng	97
35) Benzo(b)fluoranthene	23.09	252	56408	0.693	ng	96
36) Benzo(k)fluoranthene	23.14	252	22375m	0.285	ng	
37) Benzo(a)pyrene	23.75	252	41658	0.542	ng	98
38) Dibenzo(a,h)anthracene	26.52	278	7200	0.092	ng	# 80
39) Benzo(g,h,i)perylene	27.32	276	23422	0.297	ng	98

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

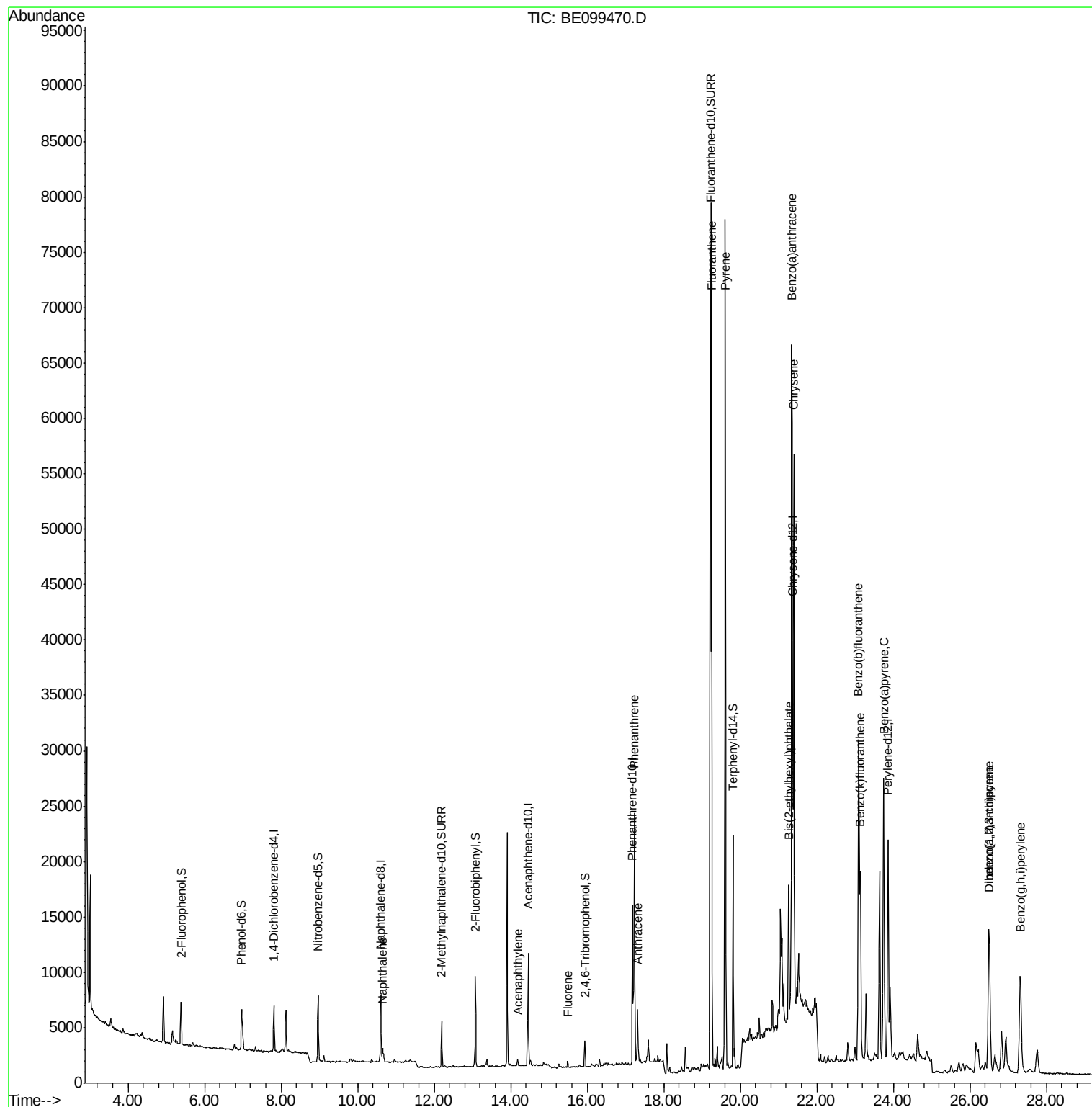
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050119\
Data File : BE099470.D
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ALS Vial : 18 Sample Multiplier: 1

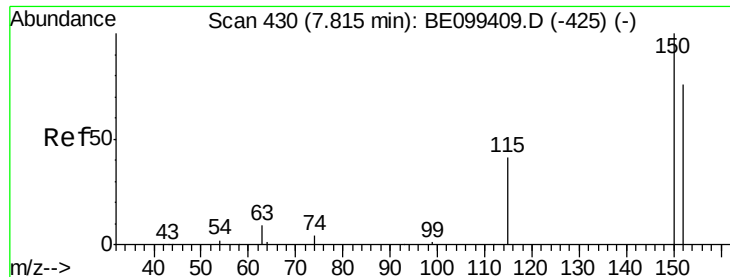
Instrument :
BNA_E
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PST-001-B203-042519

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
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#1

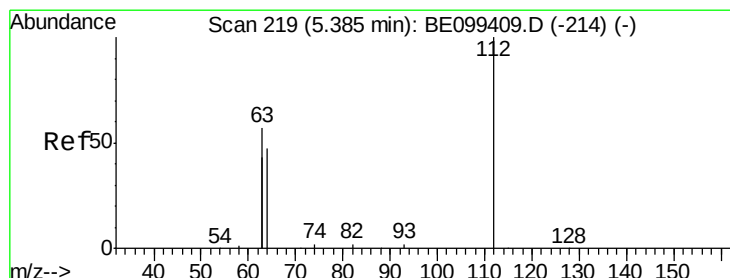
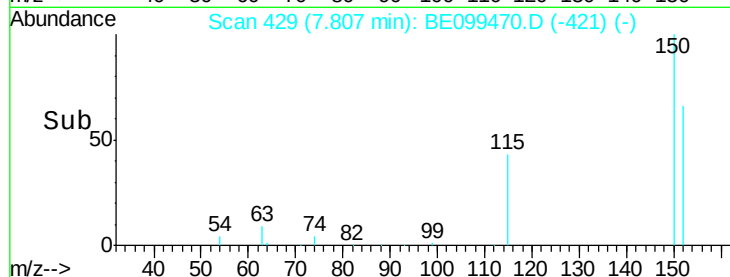
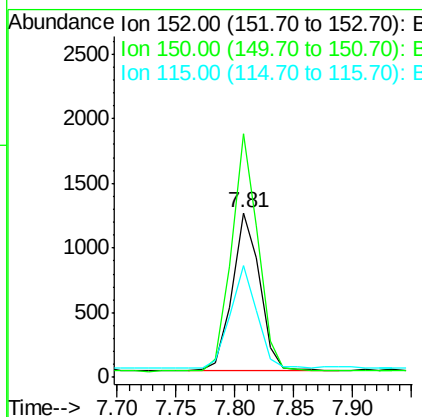
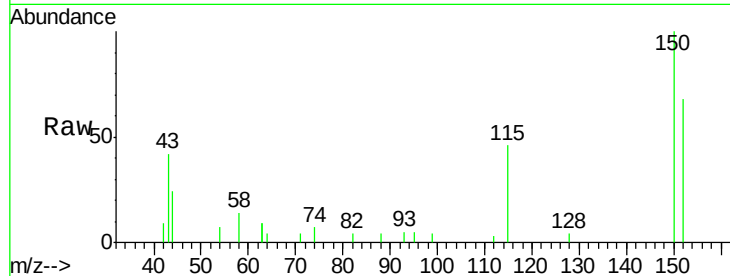
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099470.D
Acq: 1 May 2019 18:57

Instrument :
BNA_E
ClientSampleId :
PST-001-B203-042519

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.1	104.8	157.2
115	67.8	46.6	69.8

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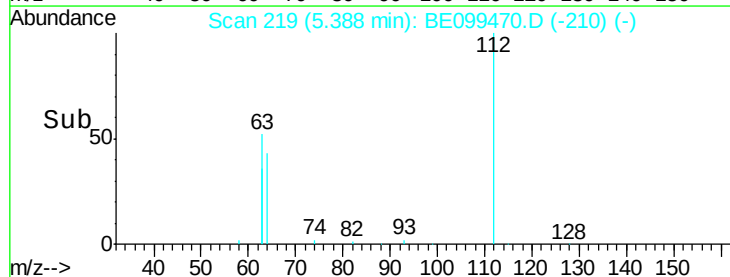
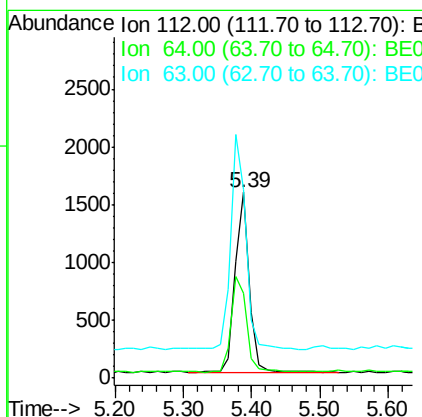
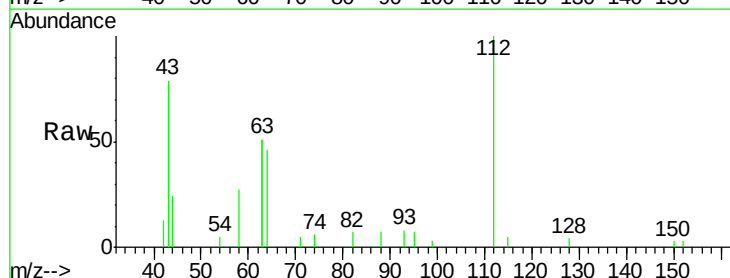
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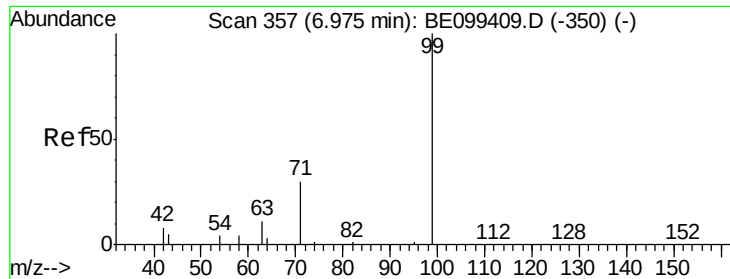


#4

2-Fluorophenol
Concen: 0.419 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099470.D
Acq: 1 May 2019 18:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.4	71.0
63	128.7	104.3	156.5





#5

Phenol-d6

Concen: 0.455 ng

RT: 6.97 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099470.D

Acq: 1 May 2019 18:57

Instrument :

BNA_E

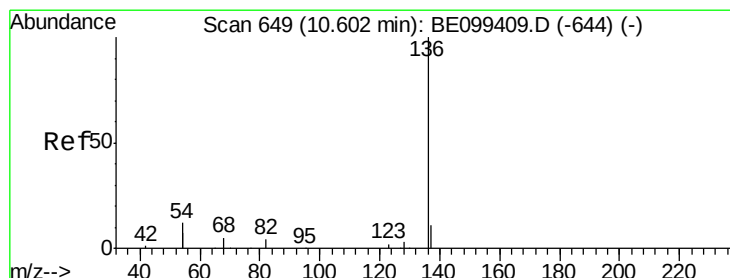
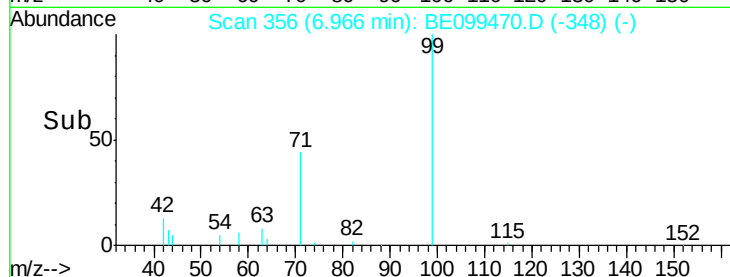
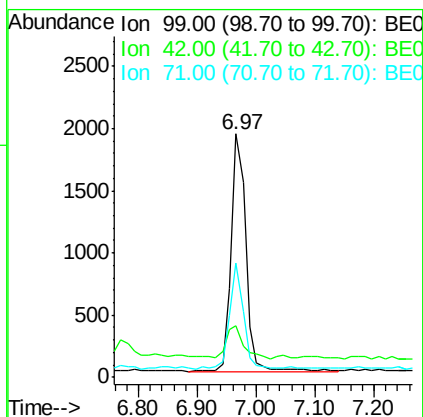
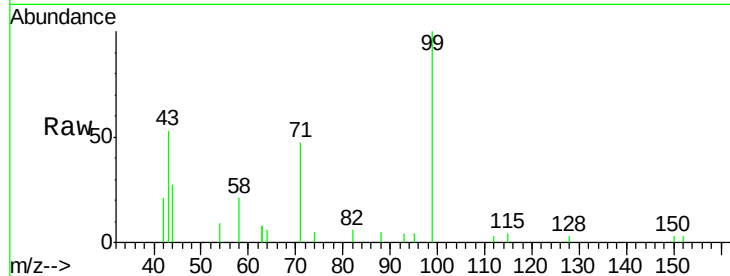
ClientSampleId :

PST-001-B203-042519

Tgt Ion:	99	Resp:	3284
Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.9	22.3
71	41.8	33.0	49.6

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#7

Naphthalene-d8

Concen: 0.400 ng

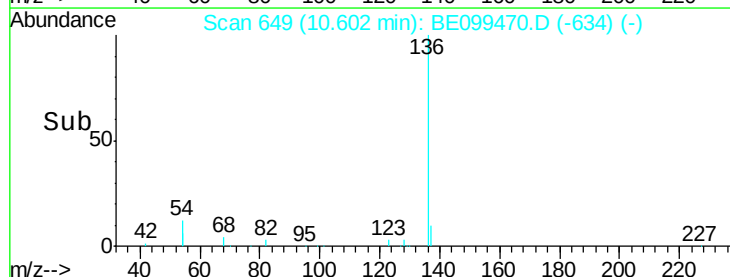
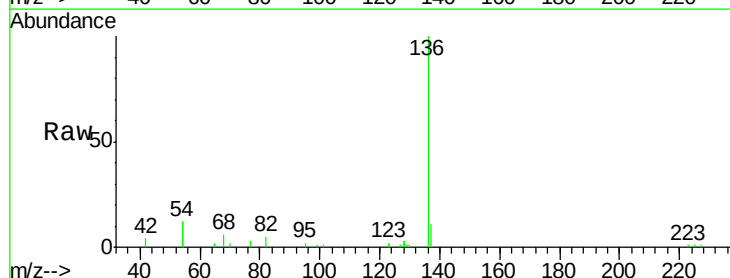
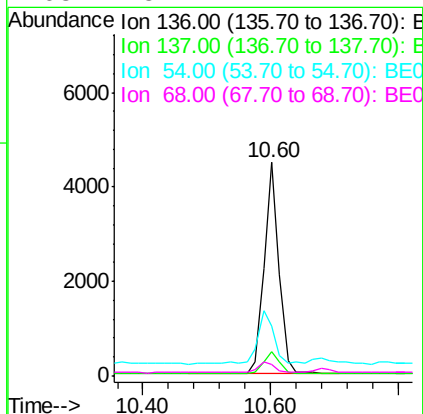
RT: 10.60 min Scan# 649

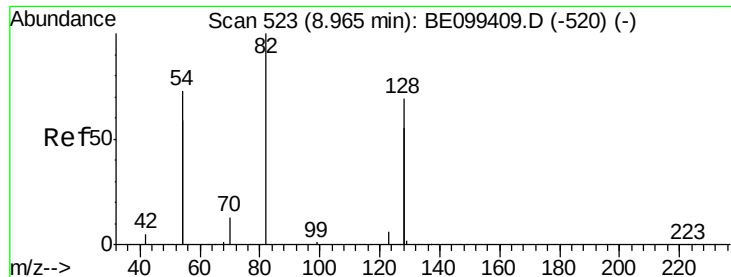
Delta R.T. -0.00 min

Lab File: BE099470.D

Acq: 1 May 2019 18:57

Tgt Ion:	136	Resp:	7392
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.8
54	23.4	18.5	27.7
68	5.7	4.7	7.1





#8

Nitrobenzene-d5

Concen: 0.382 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099470.D

Acq: 1 May 2019 18:57

Instrument :

BNA_E

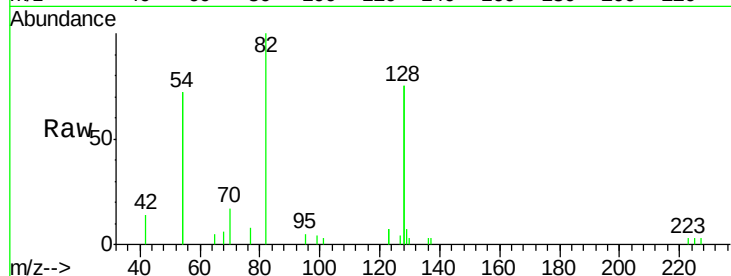
ClientSampleId :

PST-001-B203-042519

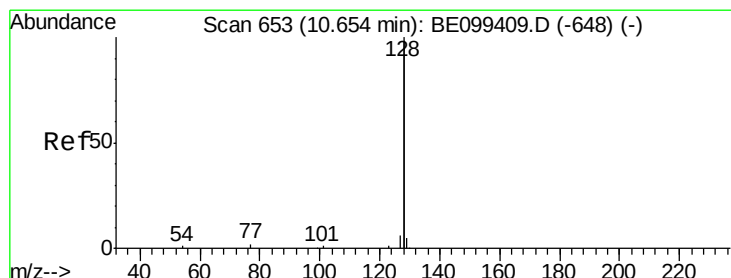
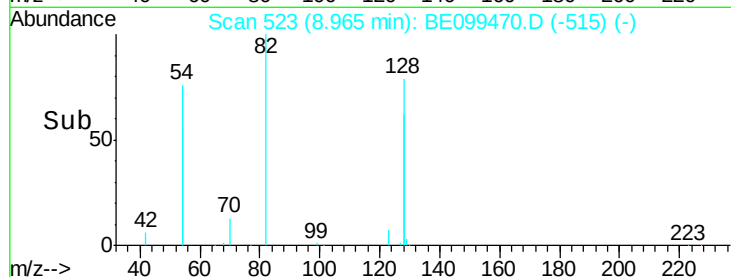
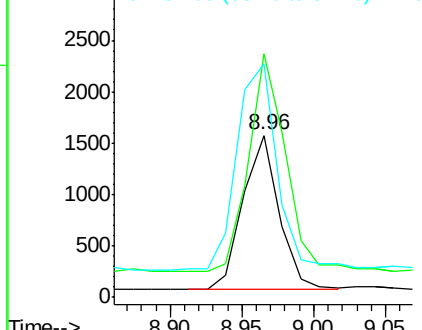
Tgt Ion:	82	Resp:	2646
Ion	Ratio	Lower	Upper
82	100		
128	150.2	107.0	160.4
54	143.9	113.1	169.7

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Abundance Ion 82.00 (81.70 to 82.70): BE099409.D (-520) (-)



#9

Naphthalene

Concen: 0.025 ng

RT: 10.65 min Scan# 653

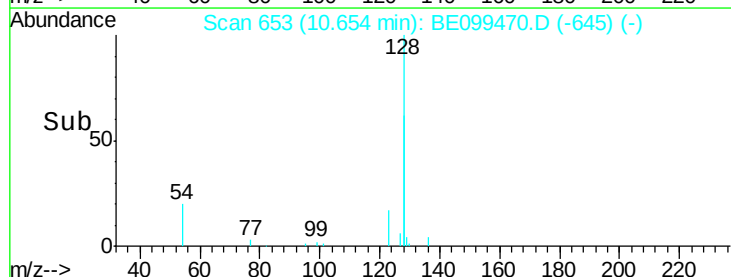
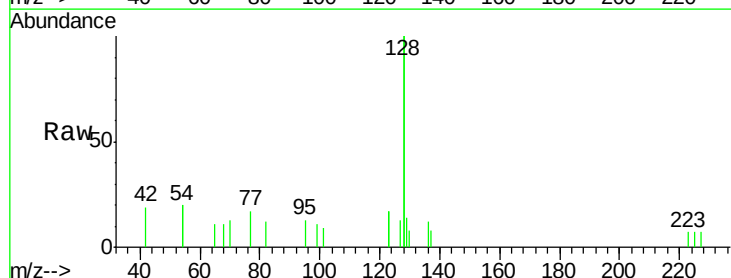
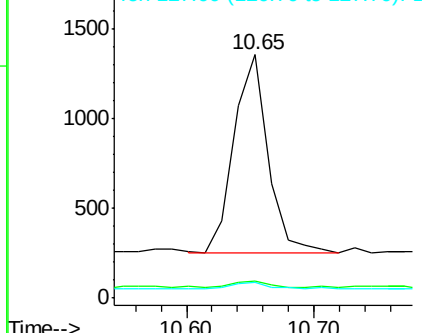
Delta R.T. -0.00 min

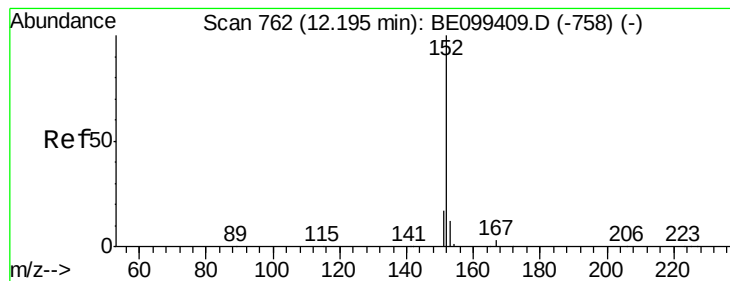
Lab File: BE099470.D

Acq: 1 May 2019 18:57

Tgt Ion:	128	Resp:	2046
Ion	Ratio	Lower	Upper
128	100		
129	6.9	2.4	3.6#
127	6.7	2.8	4.2#

Abundance Ion 128.00 (127.70 to 128.70): BE099409.D (-648) (-)





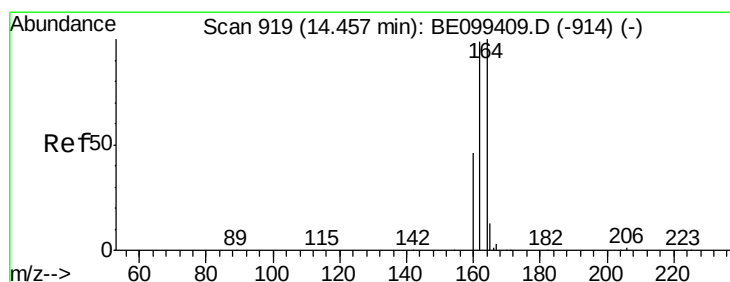
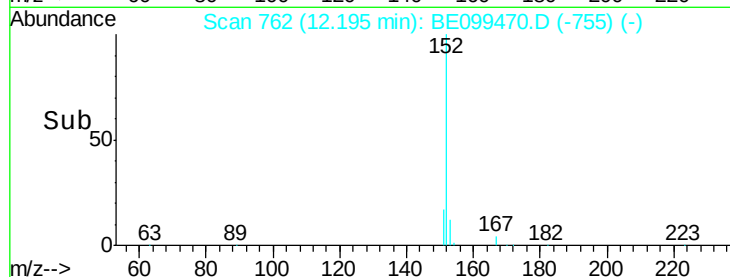
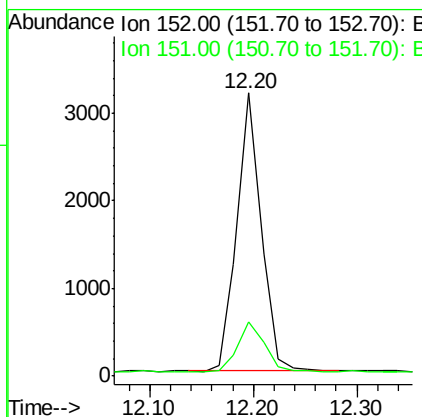
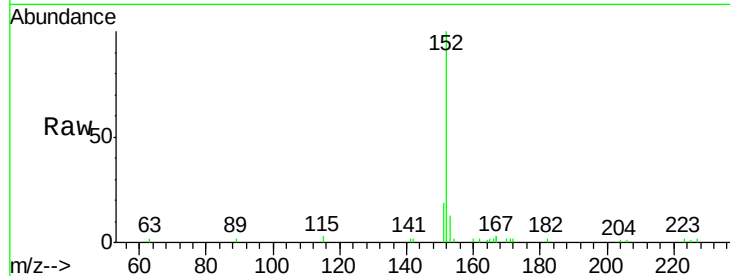
#11
 2-Methylnaphthalene-d10
 Concen: 0.388 ng
 RT: 12.20 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE099470.D
 Acq: 1 May 2019 18:57

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B203-042519

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.5	23.3

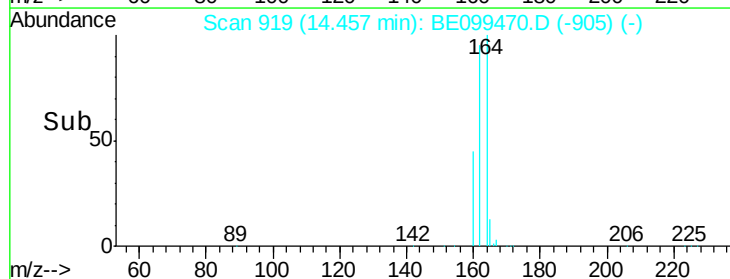
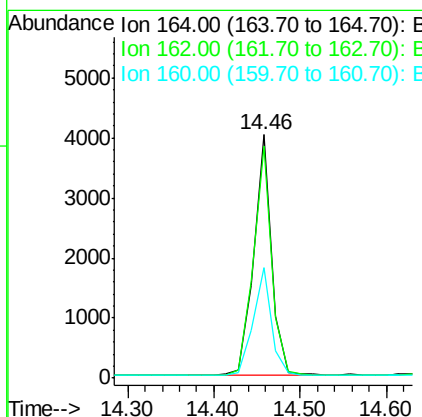
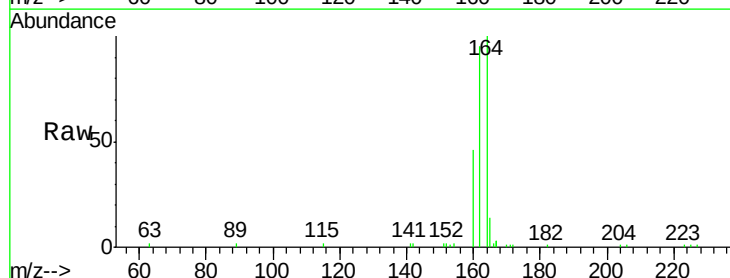
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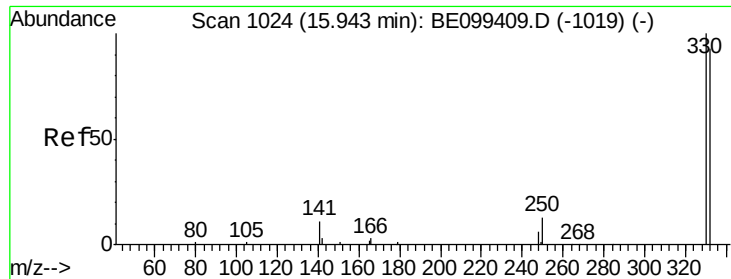
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#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: BE099470.D
 Acq: 1 May 2019 18:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.1	79.0	118.4
160	45.5	37.0	55.4





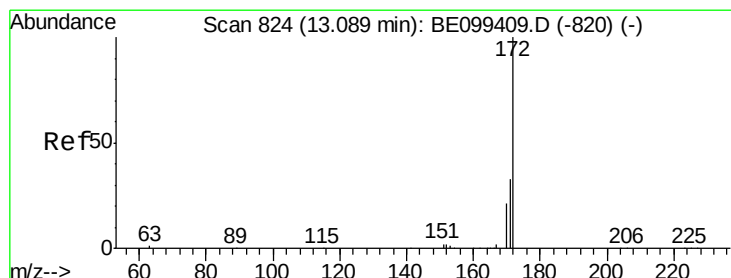
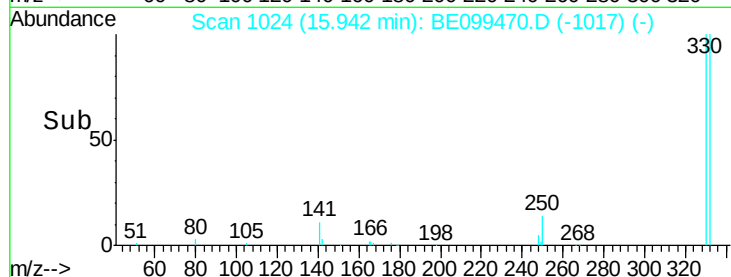
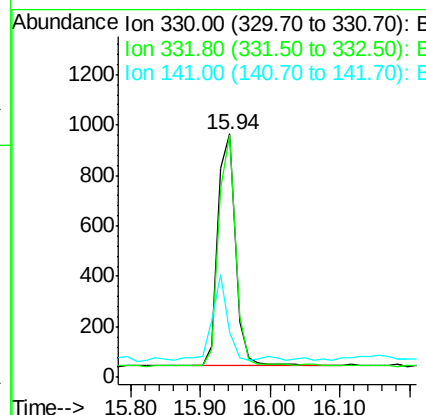
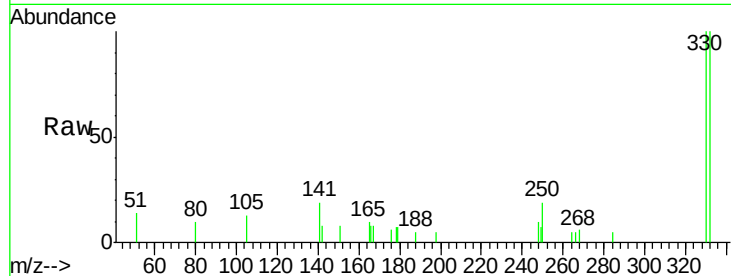
#14
 2,4,6-Tribromophenol
 Concen: 0.449 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BE099470.D
 Acq: 1 May 2019 18:57

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B203-042519

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	71.5	107.3
141	31.1	24.0	36.0

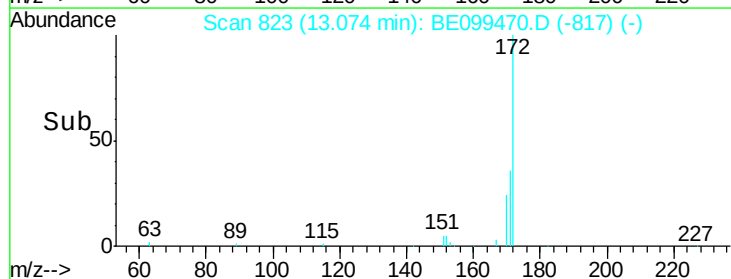
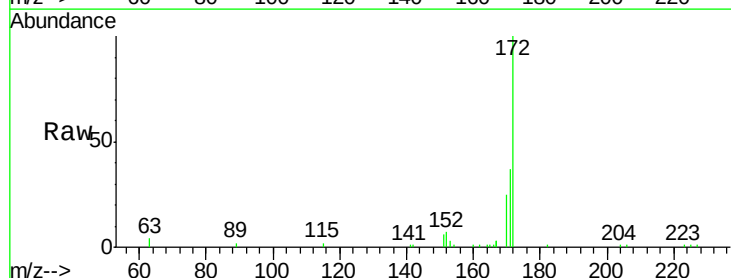
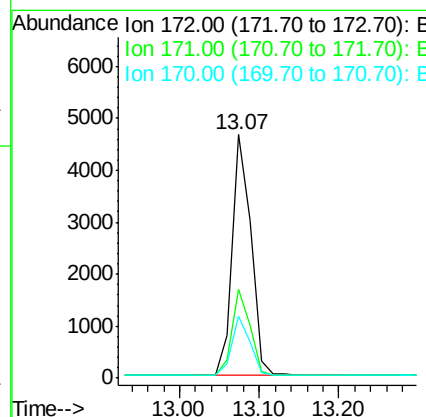
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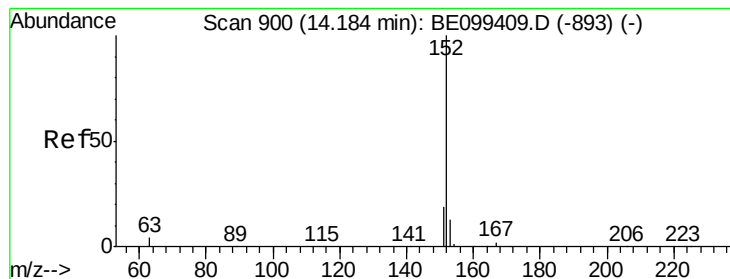
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#15
 2-Fluorobiphenyl
 Concen: 0.347 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BE099470.D
 Acq: 1 May 2019 18:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	26.6	39.8
170	25.3	17.0	25.6





#16

Acenaphthylene

Concen: 0.034 ng

RT: 14.18 min Scan# 900

Delta R.T. -0.00 min

Lab File: BE099470.D

Acq: 1 May 2019 18:57

Instrument :

BNA_E

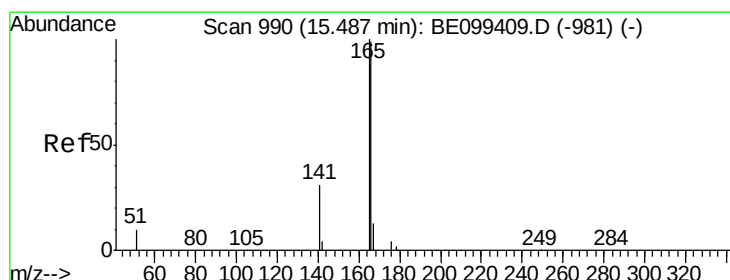
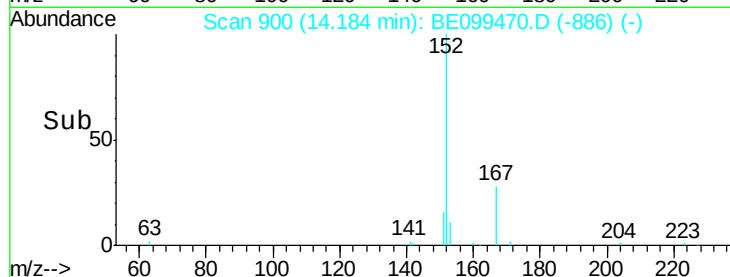
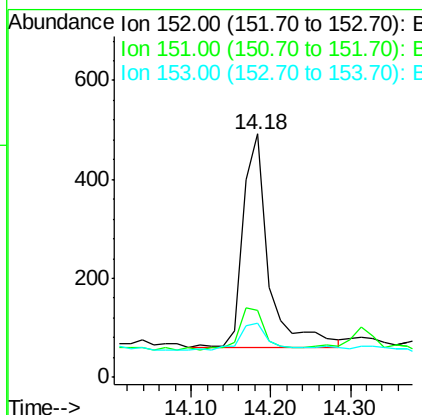
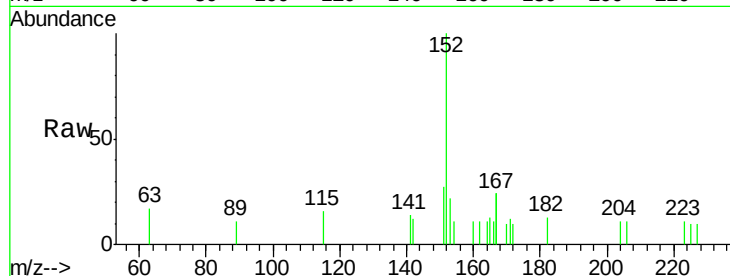
ClientSampleId :

PST-001-B203-042519

Tgt Ion:	152	Resp:	970
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.4	23.2
153	13.1	9.8	14.6

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#18

Fluorene

Concen: 0.020 ng

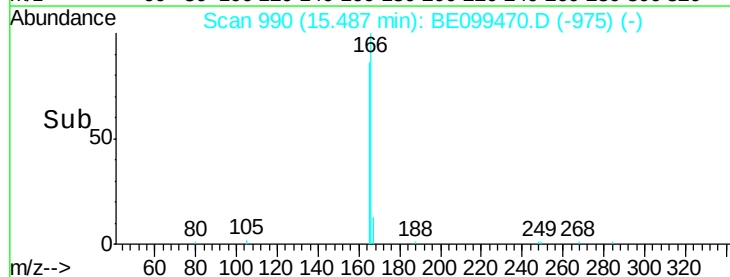
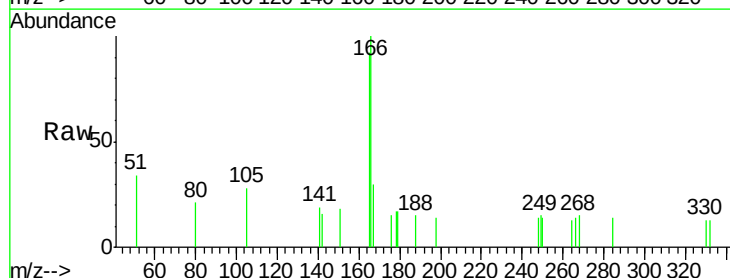
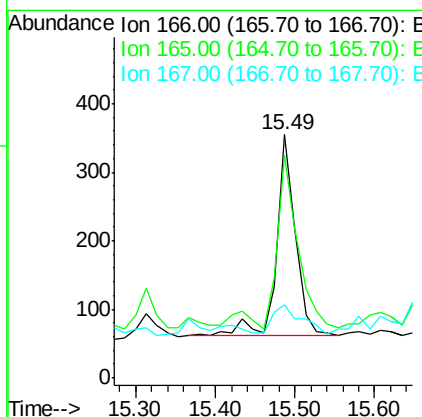
RT: 15.49 min Scan# 990

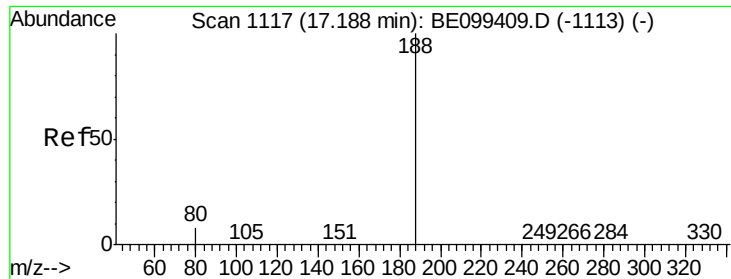
Delta R.T. -0.00 min

Lab File: BE099470.D

Acq: 1 May 2019 18:57

Tgt Ion:	166	Resp:	484
Ion Ratio	Lower	Upper	
166	100		
165	93.6	80.3	120.5
167	22.3	10.7	16.1#





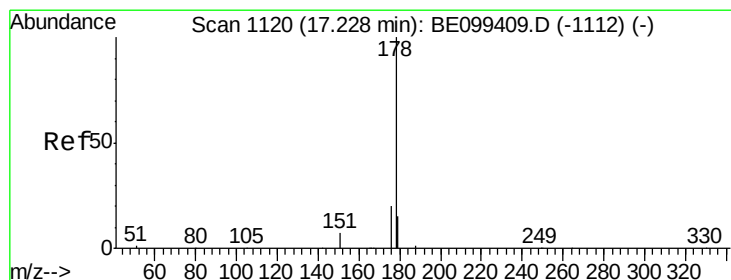
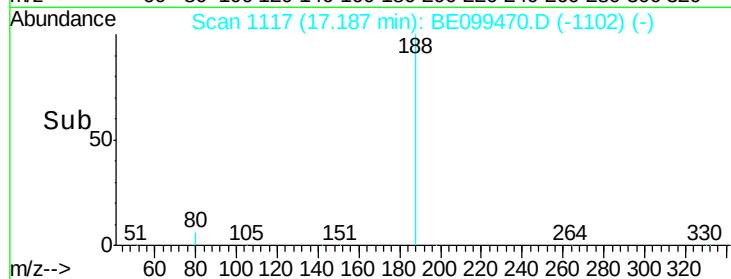
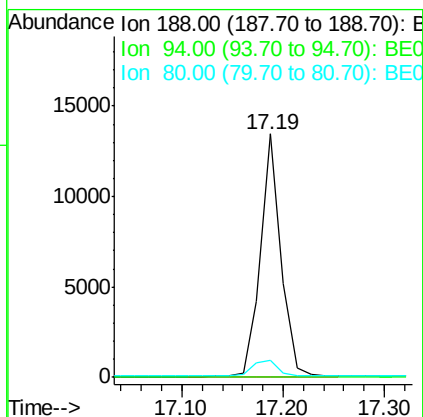
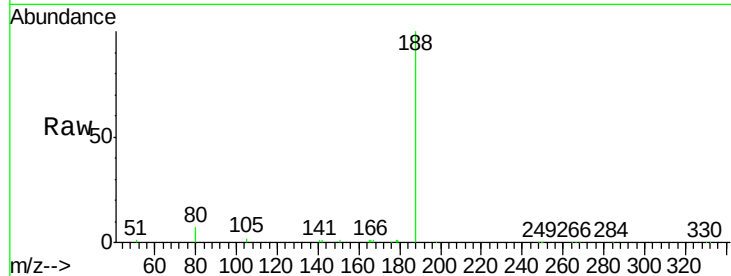
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE099470.D
Acq: 1 May 2019 18:57

Instrument :
BNA_E
ClientSampleId :
PST-001-B203-042519

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	0.0	0.0	0.0
80	7.1	6.7	10.1

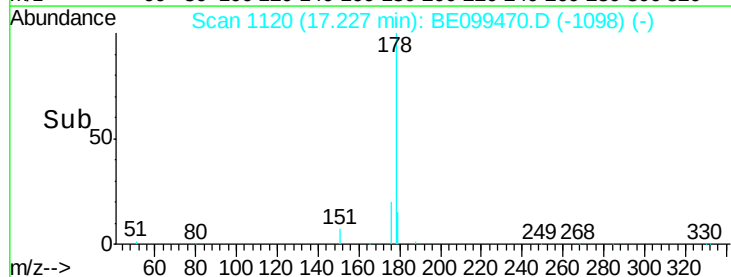
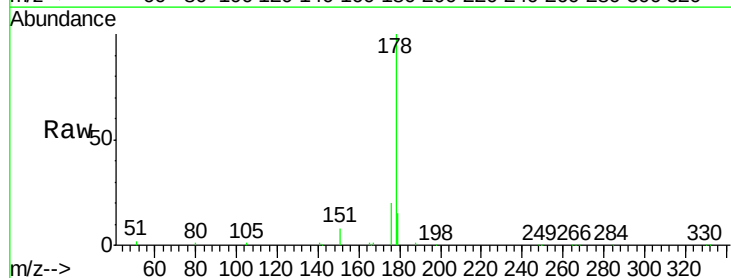
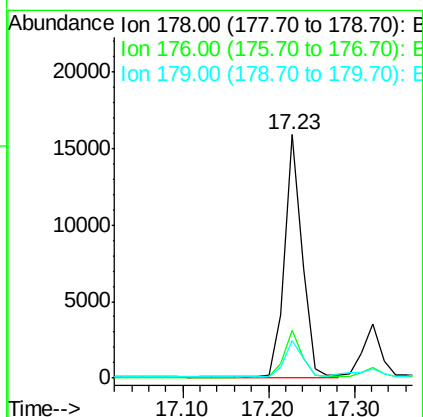
Manual Integrations
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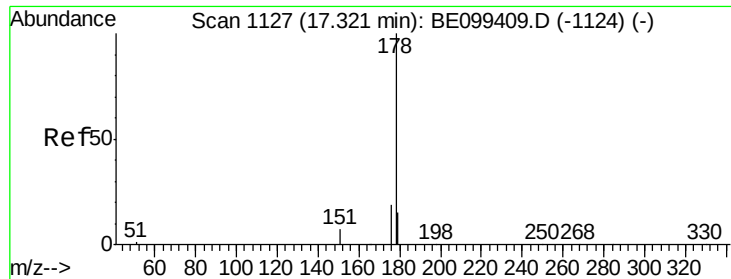
Sohil
5/2/2019 4:47:38 PM



#23
Phenanthrene
Concen: 0.461 ng
RT: 17.23 min Scan# 1120
Delta R.T. -0.00 min
Lab File: BE099470.D
Acq: 1 May 2019 18:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.5	15.6	23.4
179	15.6	12.0	18.0





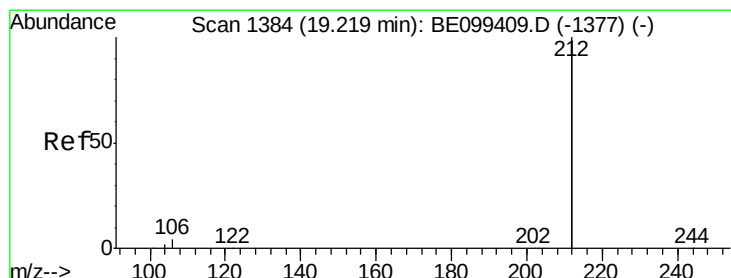
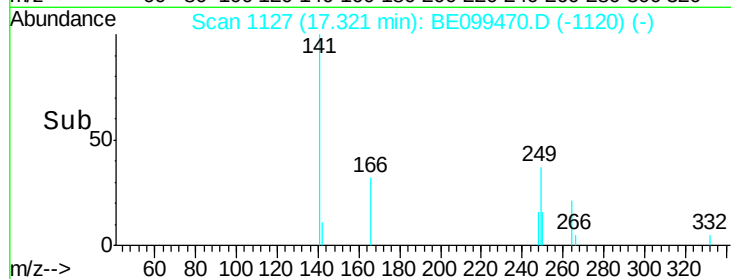
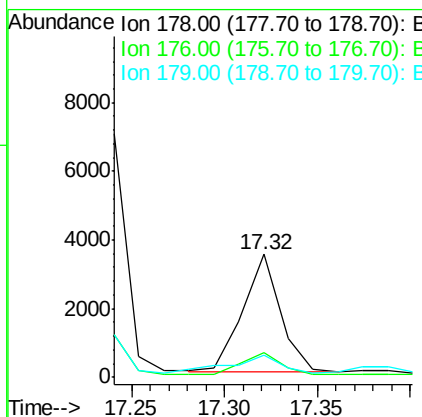
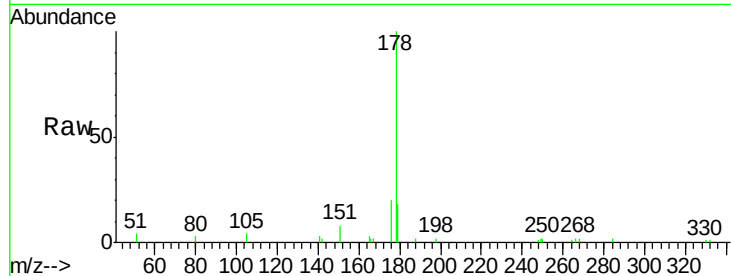
#24
 Anthracene
 Concen: 0.104 ng
 RT: 17.32 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BE099470.D
 Acq: 1 May 2019 18:57

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B203-042519

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.9	22.3
179	20.2	11.9	17.9#

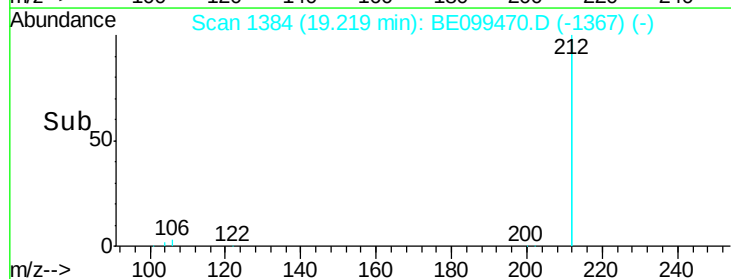
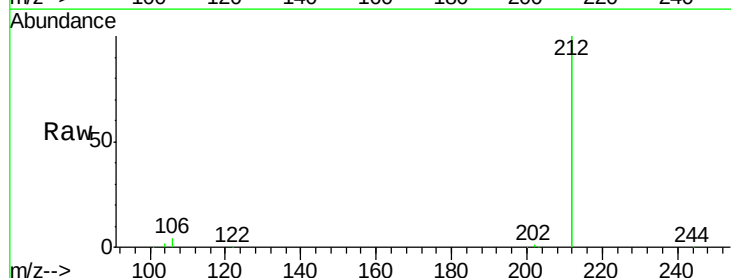
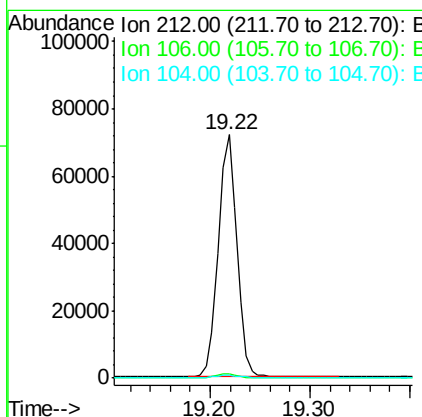
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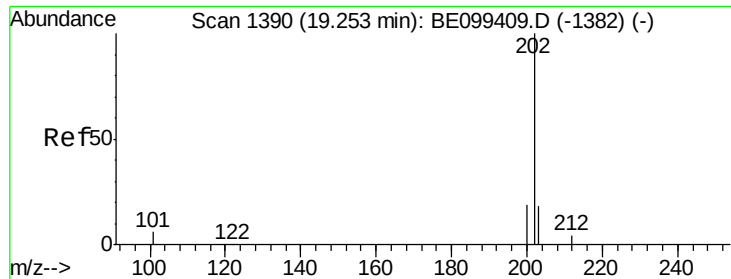
Sohil
 5/2/2019 4:47:38 PM



#25
 Fluoranthene-d10
 Concen: 0.365 ng
 RT: 19.22 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BE099470.D
 Acq: 1 May 2019 18:57

Tgt Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.5	2.3
104	1.3	0.9	1.3#





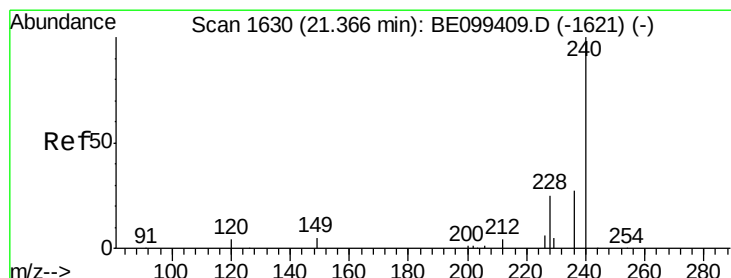
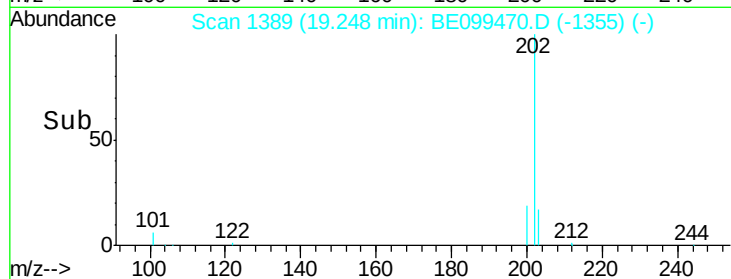
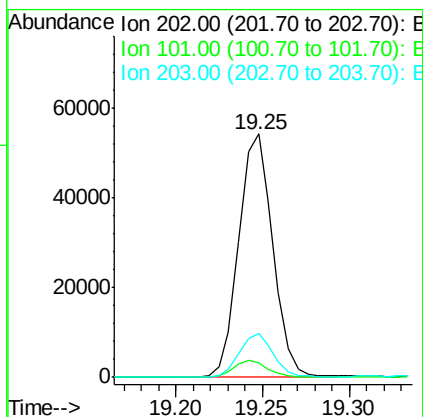
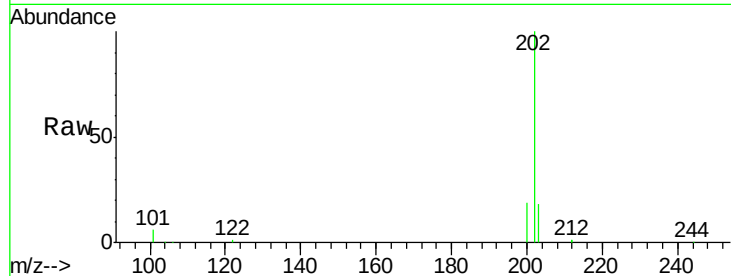
#26
Fluoranthene
Concen: 1.010 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099470.D
Acq: 1 May 2019 18:57

Instrument :
BNA_E
ClientSampleId :
PST-001-B203-042519

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	73705		
101	6.8		5.4	8.0
203	17.7		13.9	20.9

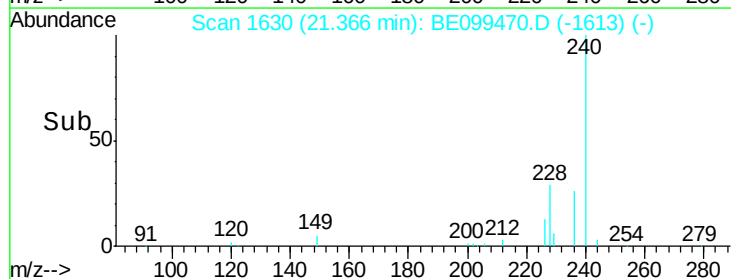
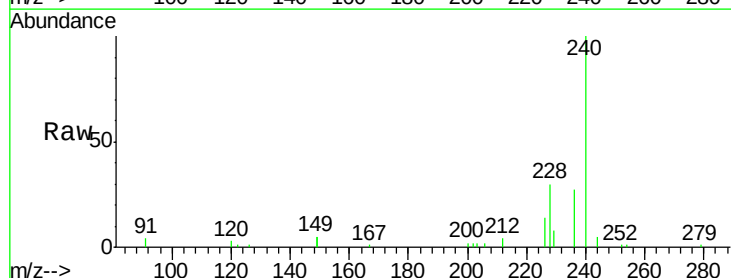
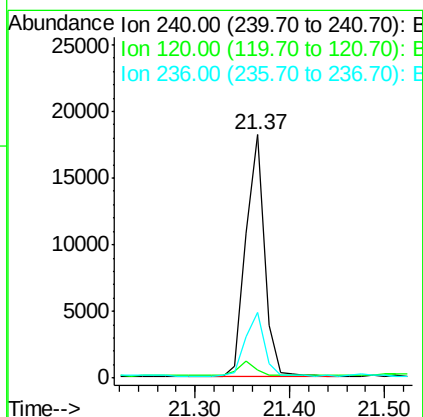
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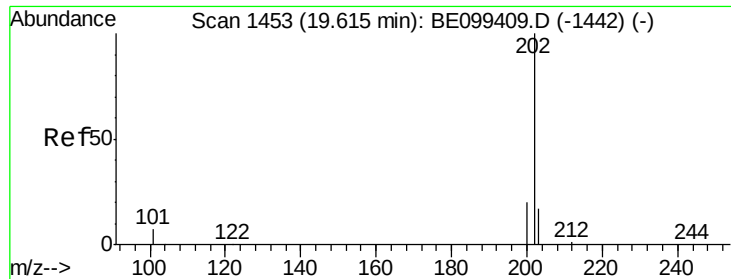
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#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099470.D
Acq: 1 May 2019 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	24825		
120	3.2		4.0	6.0#
236	26.8		22.0	33.0





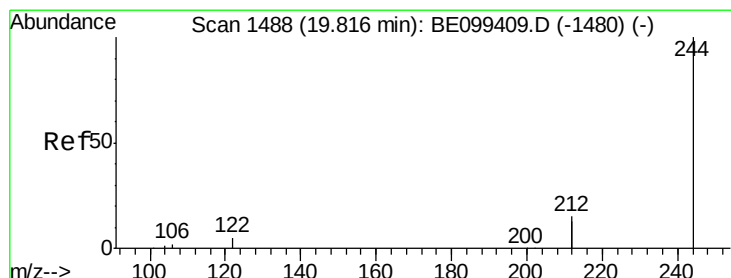
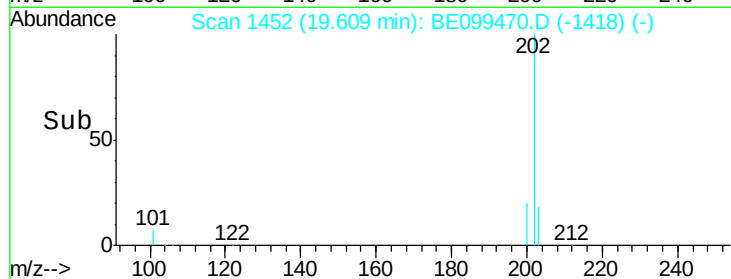
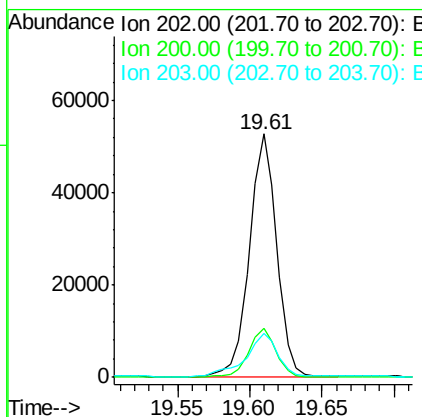
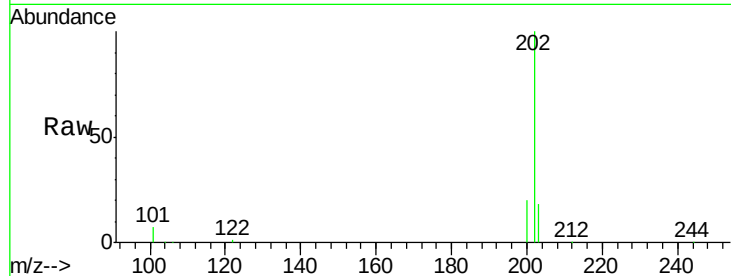
#28
 Pyrene
 Concen: 1.079 ng
 RT: 19.61 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BE099470.D
 Acq: 1 May 2019 18:57

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B203-042519

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.9	15.7	23.5
203	21.3	13.9	20.9

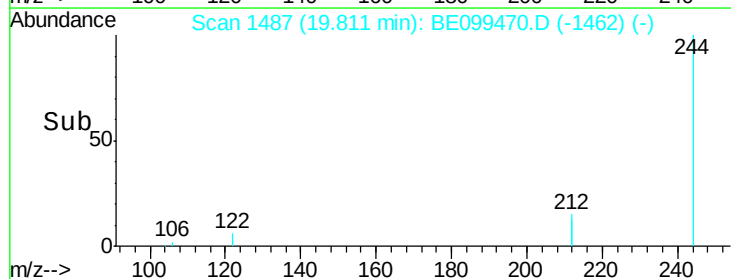
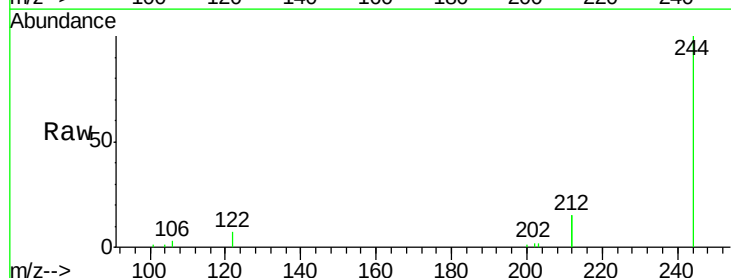
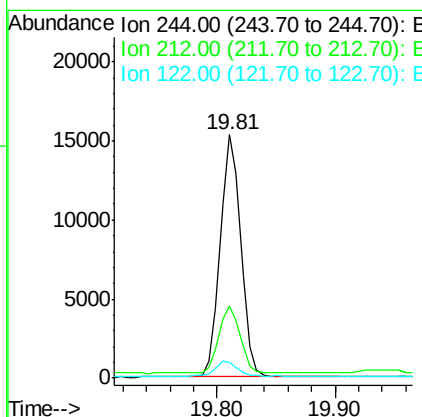
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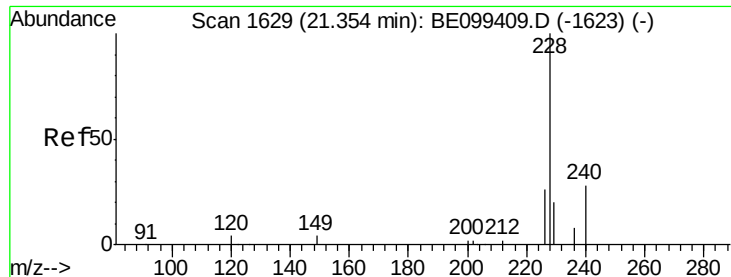
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#29
 Terphenyl-d14
 Concen: 0.408 ng
 RT: 19.81 min Scan# 1487
 Delta R.T. -0.01 min
 Lab File: BE099470.D
 Acq: 1 May 2019 18:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	29.7	23.2	34.8
122	6.5	4.2	6.4





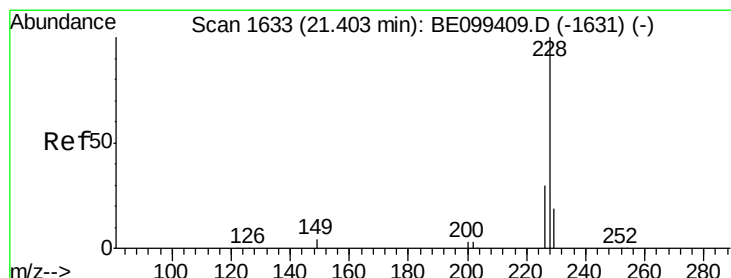
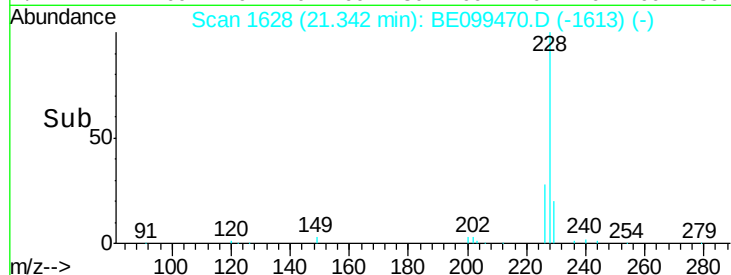
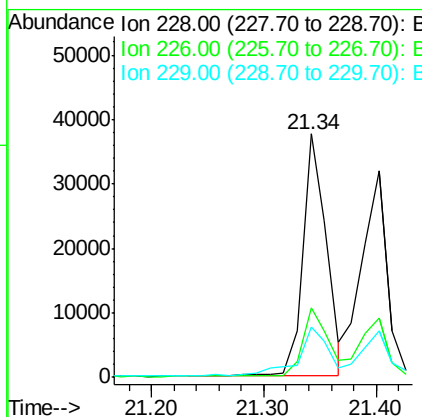
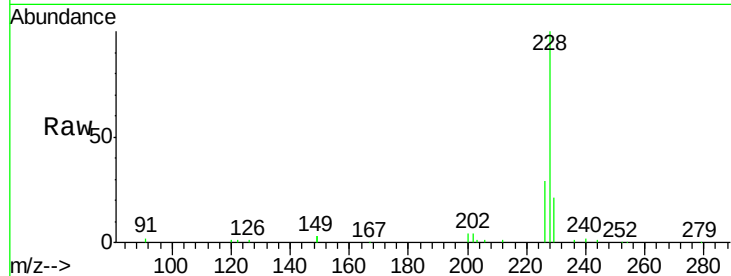
#30
Benzo(a)anthracene
Concen: 0.688 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE099470.D
Acq: 1 May 2019 18:57

Instrument :
BNA_E
ClientSampleId :
PST-001-B203-042519

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.0	31.6
229	20.7	16.6	25.0

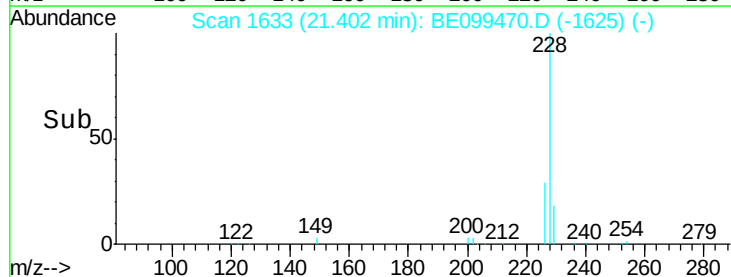
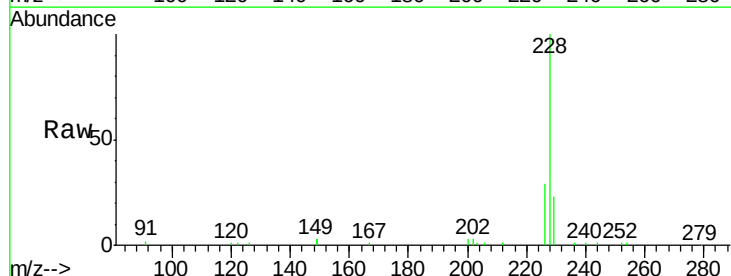
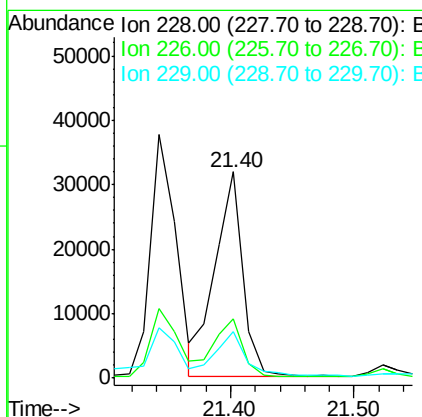
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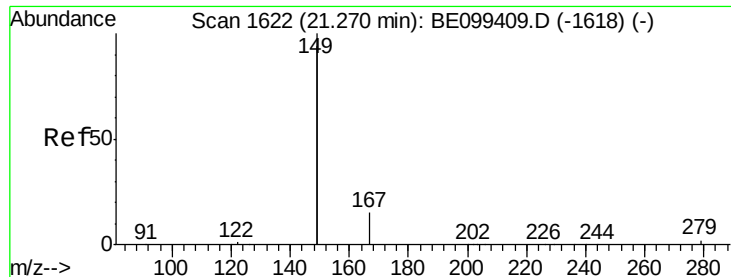
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#31
Chrysene
Concen: 0.638 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099470.D
Acq: 1 May 2019 18:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.0	36.0
229	22.7	15.8	23.8





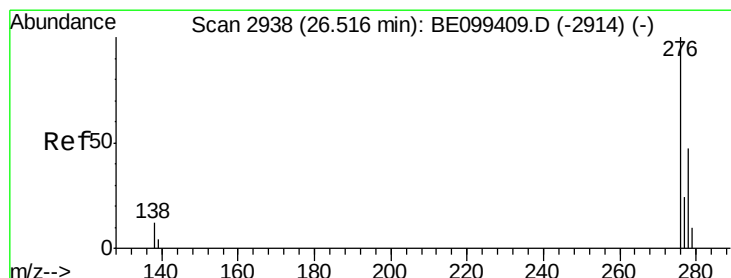
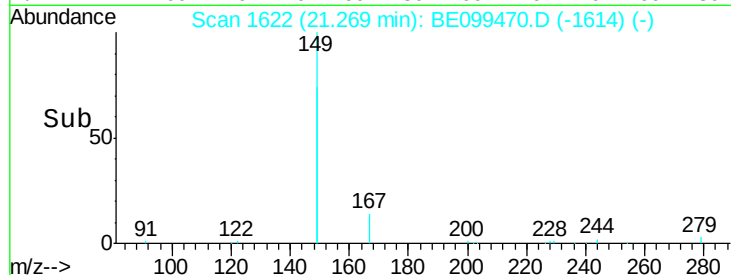
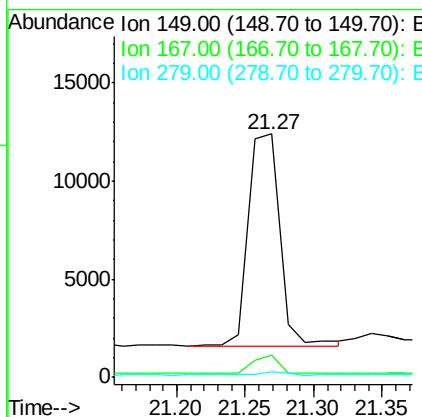
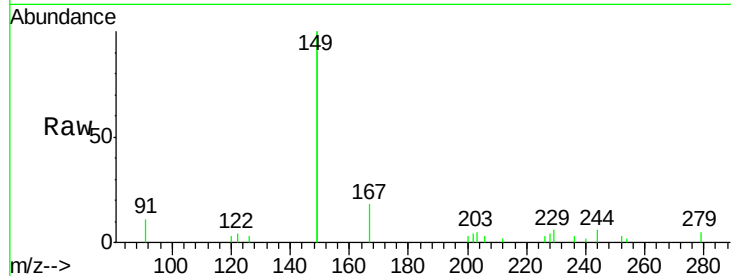
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.084 ng
 RT: 21.27 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BE099470.D
 Acq: 1 May 2019 18:57

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B203-042519

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	17430		
167	7.5	5.8	8.6	
279	1.7	1.0	1.6#	

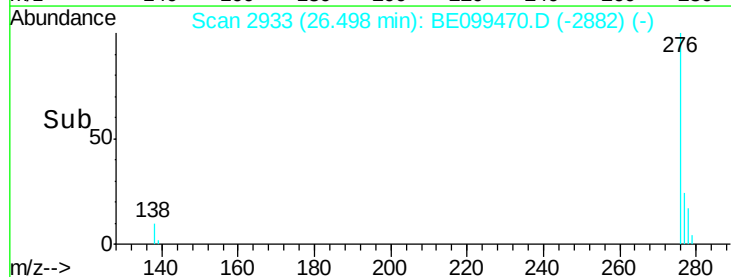
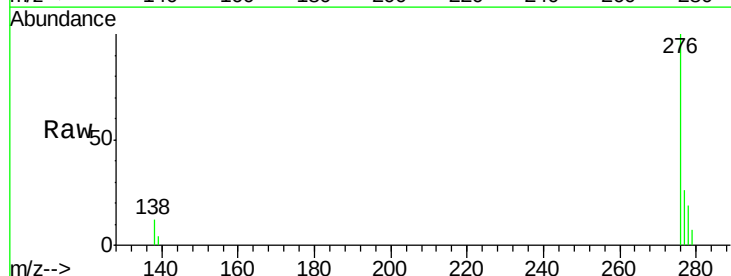
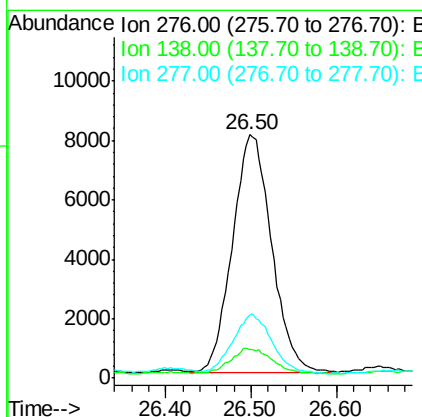
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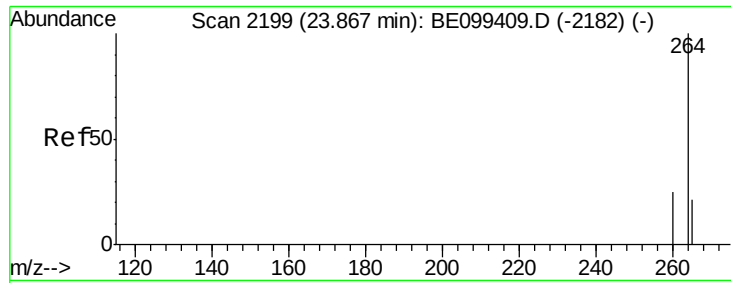
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#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.281 ng
 RT: 26.50 min Scan# 2933
 Delta R.T. -0.02 min
 Lab File: BE099470.D
 Acq: 1 May 2019 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	25677		
138	10.7	10.2	15.2	
277	24.7	19.2	28.8	





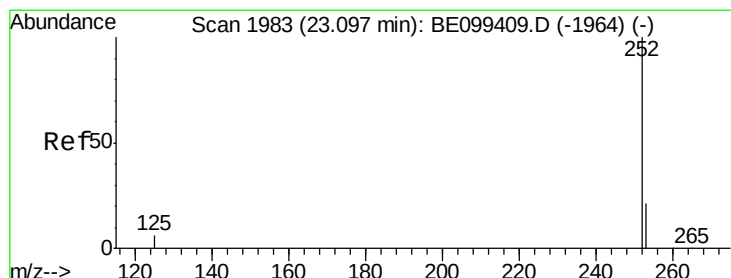
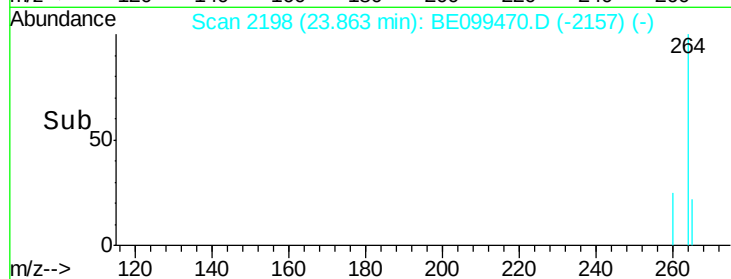
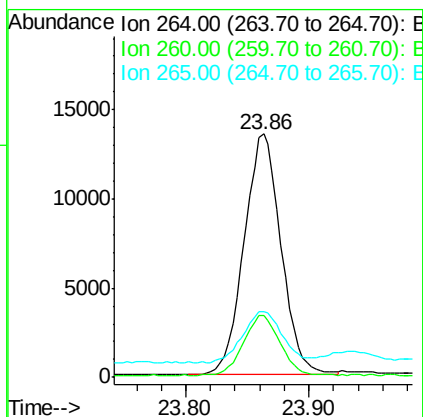
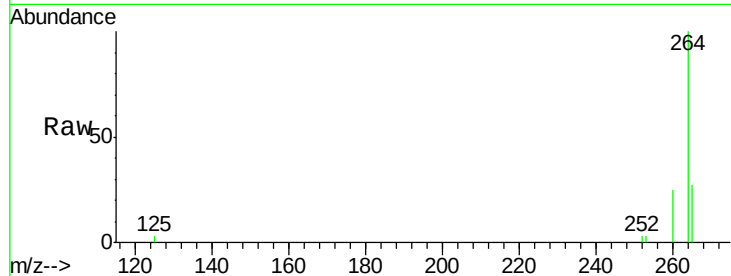
#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: BE099470.D
 Acq: 1 May 2019 18:57

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B203-042519

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	28213		
260	25.2		20.2	30.2
265	27.1		21.3	31.9

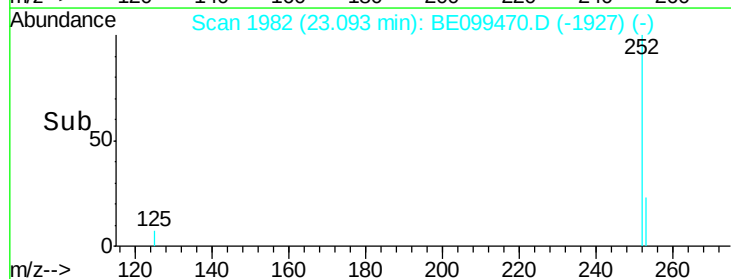
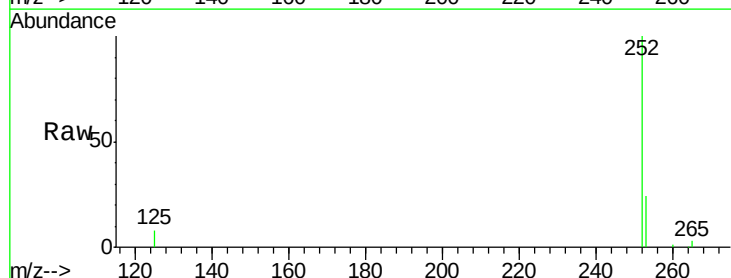
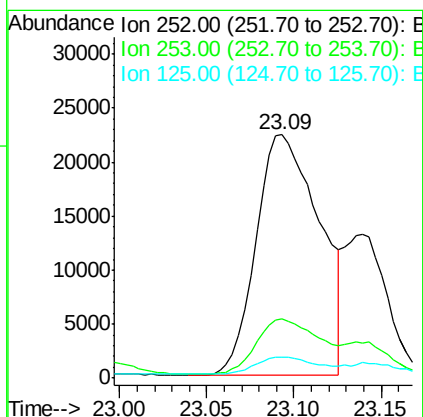
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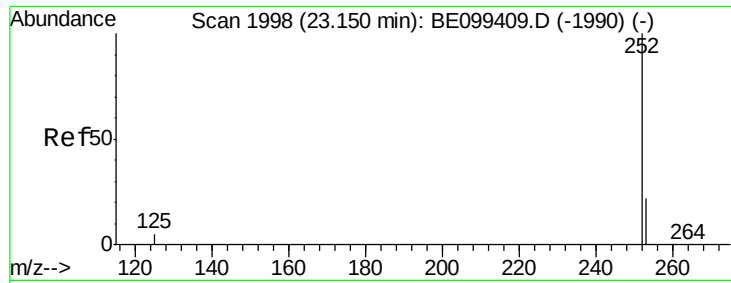
Sohil
 5/2/2019 4:47:38 PM



#35
Benzo(b)fluoranthene
 Concen: 0.693 ng
 RT: 23.09 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BE099470.D
 Acq: 1 May 2019 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	56408		
253	24.3		18.1	27.1
125	8.4		5.6	8.4





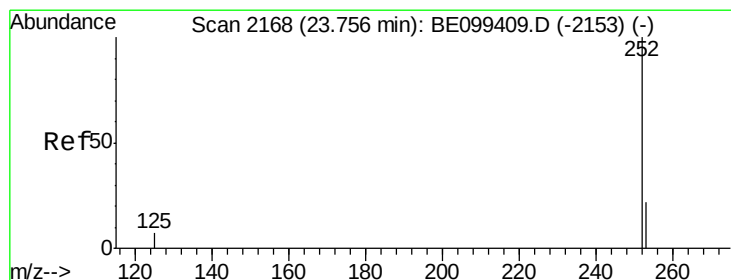
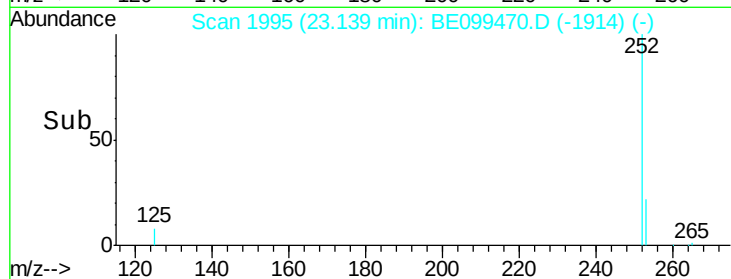
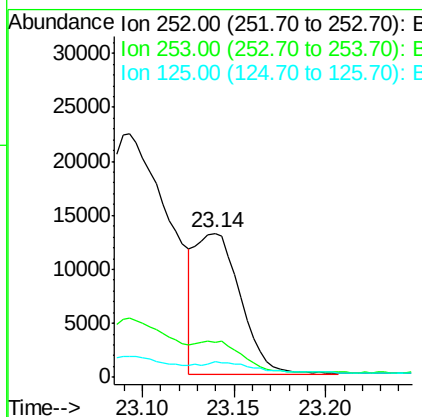
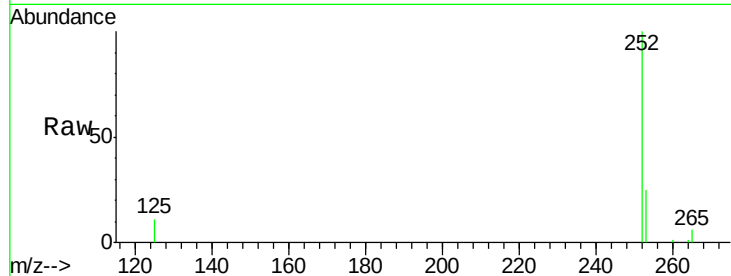
#36
Benzo(k)fluoranthene
Concen: 0.285 ng m
RT: 23.14 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BE099470.D
Acq: 1 May 2019 18:57

Instrument :
BNA_E
ClientSampleId :
PST-001-B203-042519

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.4	27.6
125	10.7	5.0	7.4

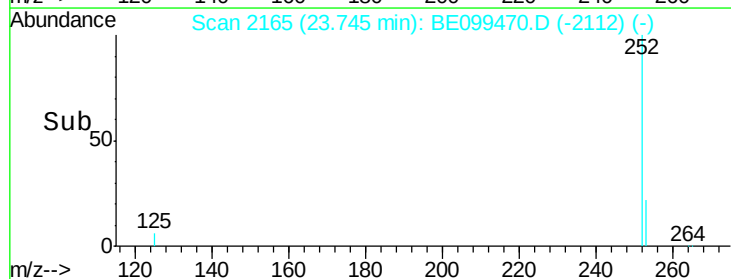
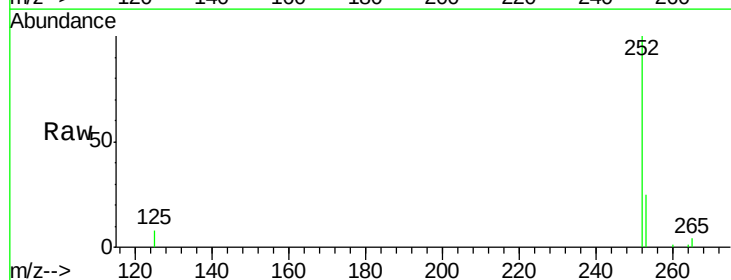
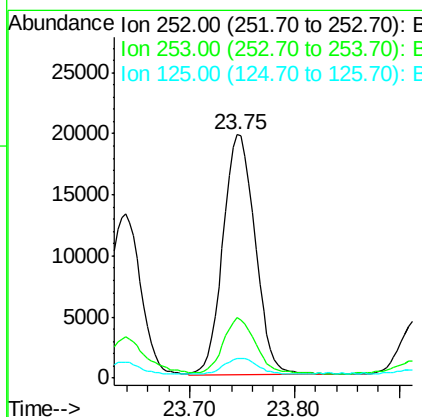
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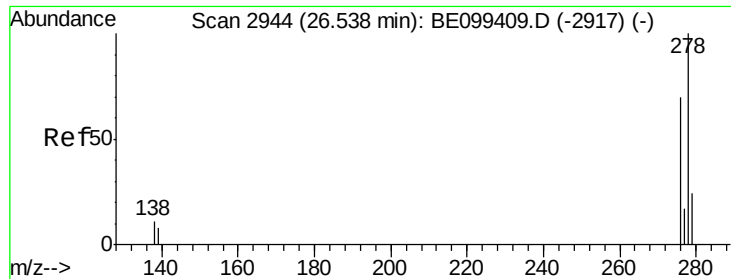
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#37
Benzo(a)pyrene
Concen: 0.542 ng
RT: 23.75 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BE099470.D
Acq: 1 May 2019 18:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.9	28.3
125	8.1	6.7	10.1





#38

Dibenzo(a,h)anthracene

Concen: 0.092 ng

RT: 26.52 min Scan# 2938

Delta R.T. -0.02 min

Lab File: BE099470.D

Acq: 1 May 2019 18:57

Instrument :

BNA_E

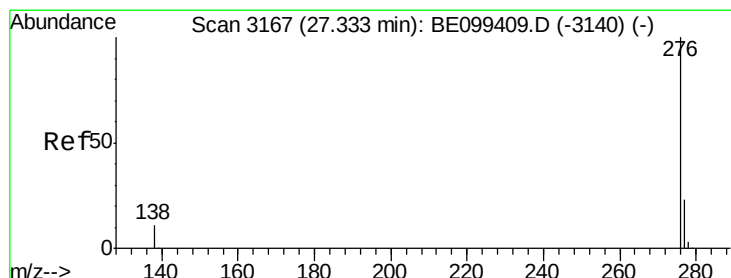
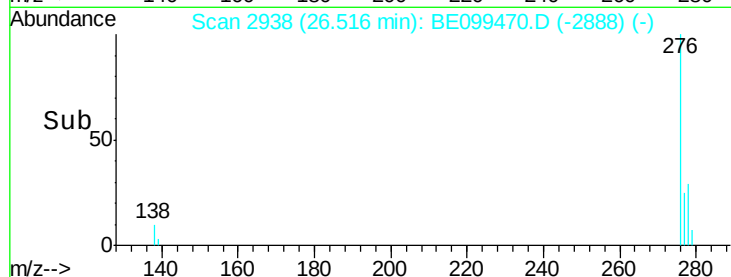
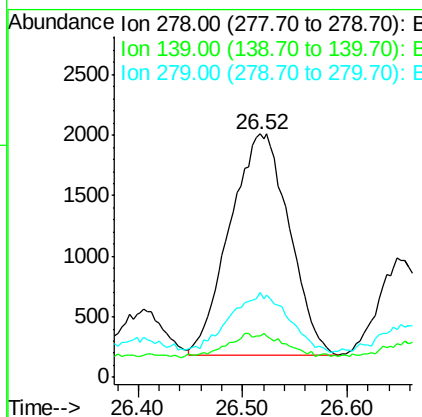
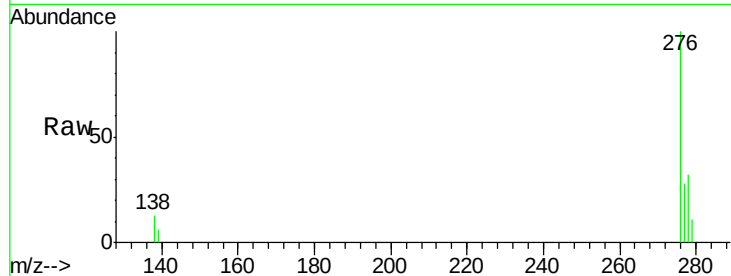
ClientSampleId :

PST-001-B203-042519

Tgt Ion:	278	Resp:	7200
Ion Ratio	Lower	Upper	
278	100		
139	17.3	7.7	11.5#
279	34.8	20.2	30.2#

Manual Integrations
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5/2/2019 4:47:38 PM



#39

Benzo(g,h,i)perylene

Concen: 0.297 ng

RT: 27.32 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BE099470.D

Acq: 1 May 2019 18:57

Tgt Ion:	276	Resp:	23422
Ion Ratio	Lower	Upper	
276	100		
277	25.2	19.5	29.3
138	13.4	9.6	14.4

