

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE043019\
 Data File : BE099445.D
 Acq On : 1 May 2019 3:03
 Operator : JU/SJ
 Sample : K2568-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-026-SW045-042219

Manual Integrations
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Sohil
 5/1/2019 12:03:22 PM

Quant Time: May 01 07:24:05 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	2374	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	9405	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	7783	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	25888	0.40	ng	0.00
27) Chrysene-d12	21.37	240	30633	0.40	ng	0.00
34) Perylene-d12	23.86	264	35458	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.38	112	2598	0.40	ng	0.00
5) Phenol-d6	6.97	99	3967	0.45	ng	0.00
8) Nitrobenzene-d5	8.96	82	3189	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	6147	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	2256	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	9188	0.31	ng	-0.01
25) Fluoranthene-d10	19.22	212	114779	0.33	ng	0.00
29) Terphenyl-d14	19.81	244	24745	0.44	ng	0.00

Target Compounds

					Qvalue	
23) Phenanthrene	17.23	178	3250	0.049	ng	# 94
26) Fluoranthene	19.25	202	6682	0.067	ng	# 97
28) Pyrene	19.61	202	8134	0.102	ng	# 93
30) Benzo(a)anthracene	21.34	228	4762	0.049	ng	# 65
31) Chrysene	21.40	228	4950	0.052	ng	# 72
33) Indeno(1,2,3-cd)pyrene	26.50	276	2981	0.026	ng	# 75
35) Benzo(b)fluoranthene	23.09	252	5511	0.054	ng	# 16
36) Benzo(k)fluoranthene	23.14	252	2313m	0.023	ng	
37) Benzo(a)pyrene	23.75	252	3948	0.041	ng	# 19
39) Benzo(g,h,i)perylene	27.32	276	3000	0.030	ng	# 52

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

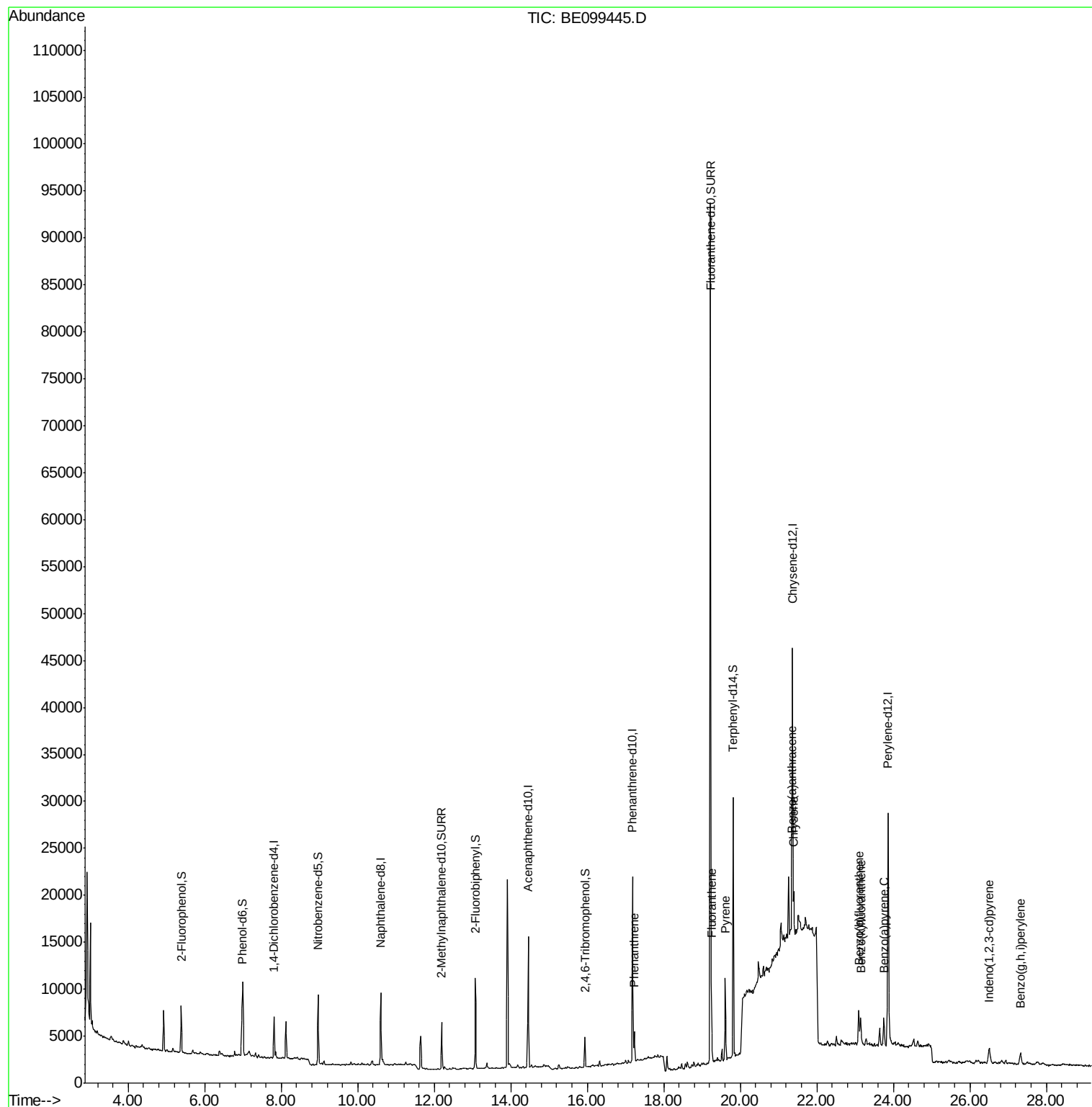
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE043019\
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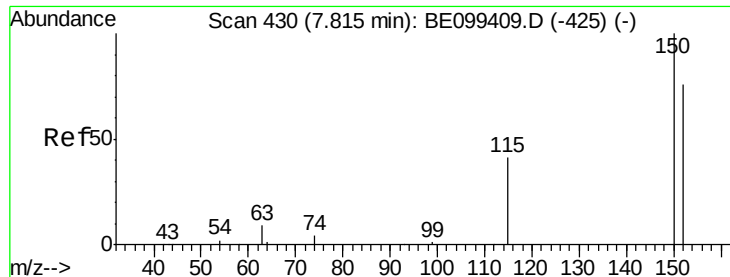
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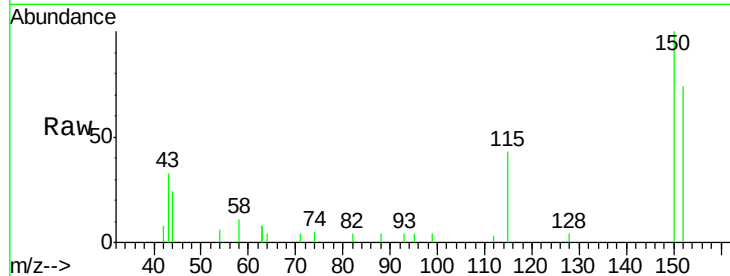




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099445.D
Acq: 1 May 2019 3:03

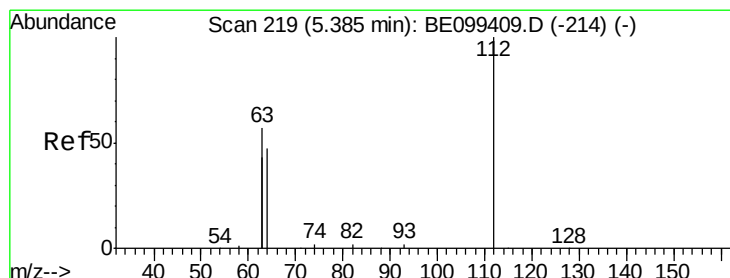
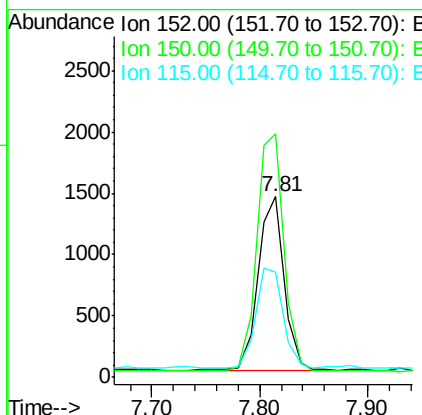
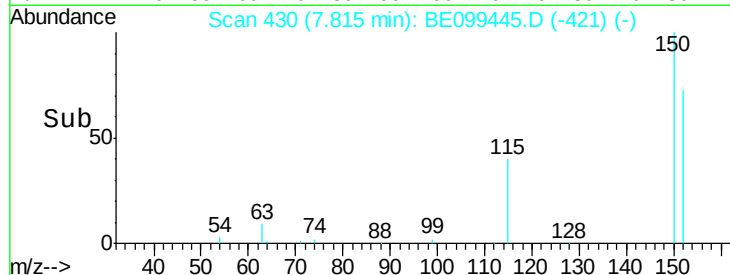
Instrument :
BNA_E
ClientSampleId :
EXT-026-SW045-042219



Tgt Ion:152 Resp: 2374
Ion Ratio Lower Upper
152 100
150 134.9 104.8 157.2
115 58.3 46.6 69.8

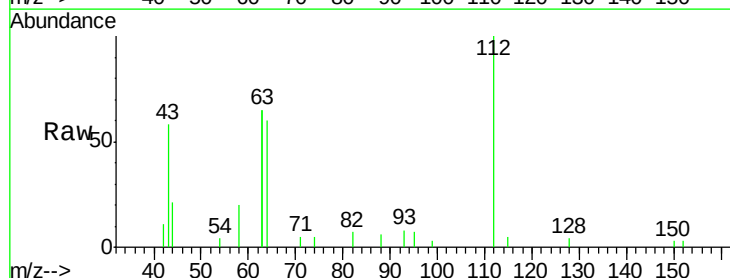
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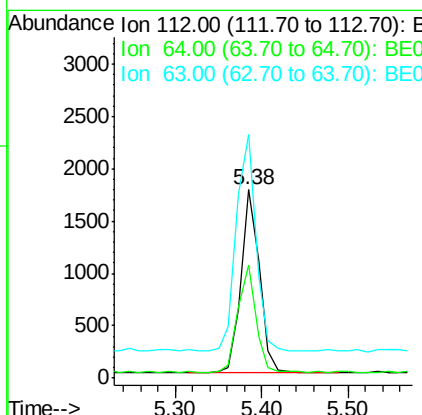
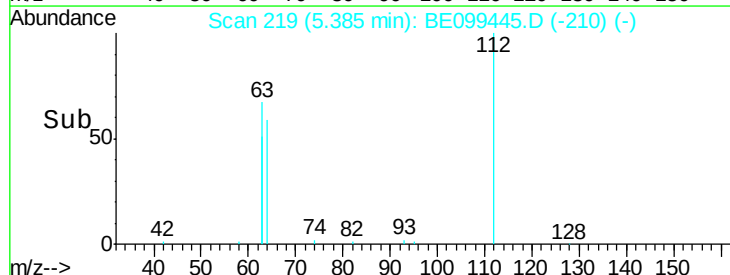


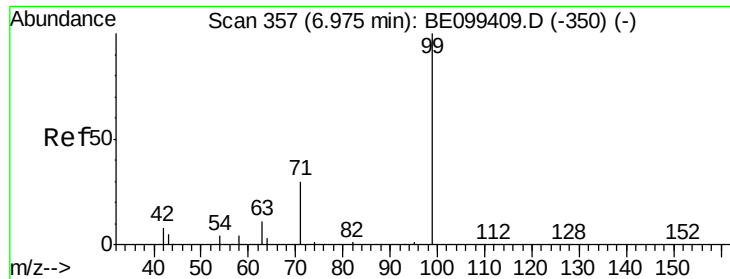
#4

2-Fluorophenol
Concen: 0.396 ng
RT: 5.38 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099445.D
Acq: 1 May 2019 3:03



Tgt Ion:112 Resp: 2598
Ion Ratio Lower Upper
112 100
64 56.7 47.4 71.0
63 123.8 104.3 156.5





#5

Phenol-d6

Concen: 0.454 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099445.D

Acq: 1 May 2019 3:03

Instrument :

BNA_E

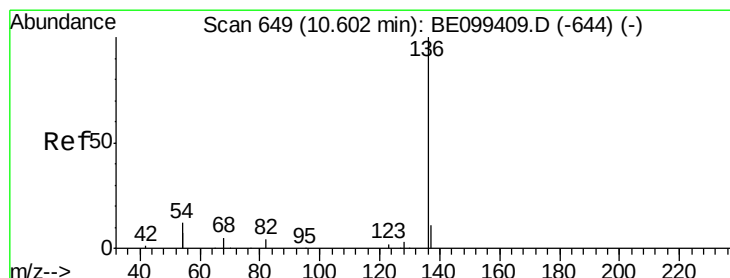
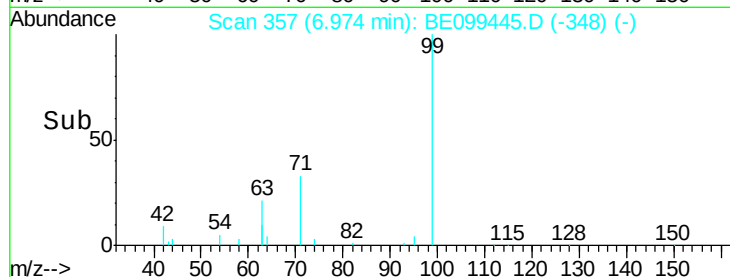
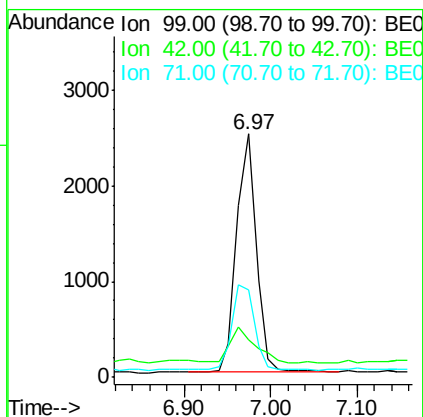
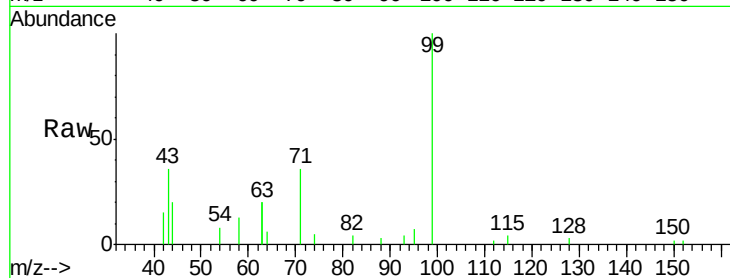
ClientSampleId :

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Tgt Ion:	99	Resp:	3967
Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.9	22.3
71	41.1	33.0	49.6

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#7

Naphthalene-d8

Concen: 0.400 ng

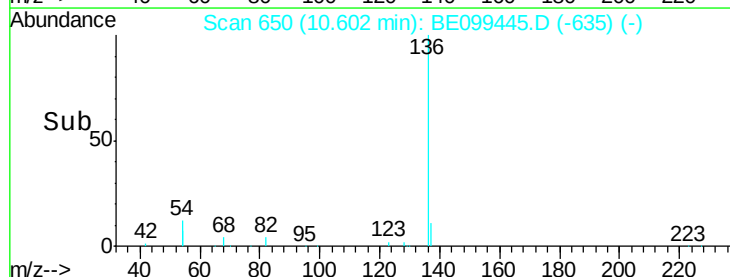
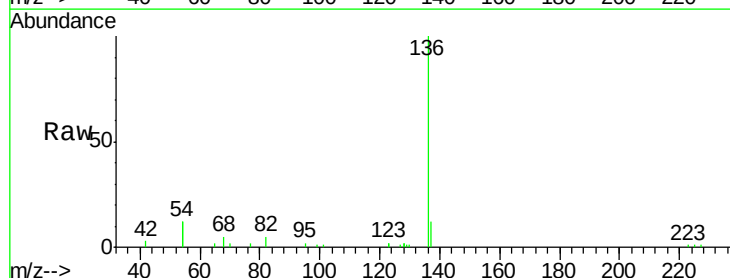
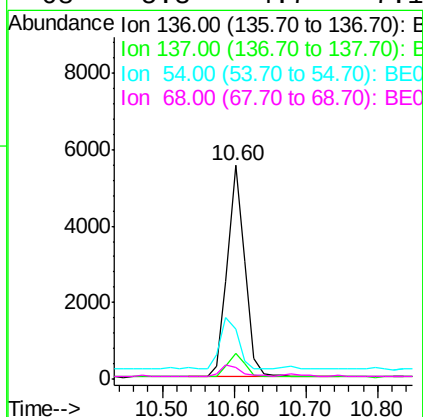
RT: 10.60 min Scan# 650

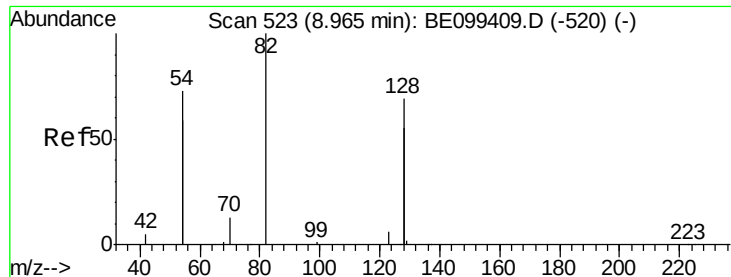
Delta R.T. 0.00 min

Lab File: BE099445.D

Acq: 1 May 2019 3:03

Tgt Ion:	136	Resp:	9405
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.8	14.8
54	23.2	18.5	27.7
68	5.3	4.7	7.1





#8

Nitrobenzene-d5

Concen: 0.362 ng

RT: 8.96 min Scan# 524

Delta R.T. 0.00 min

Lab File: BE099445.D

Acq: 1 May 2019 3:03

Instrument :

BNA_E

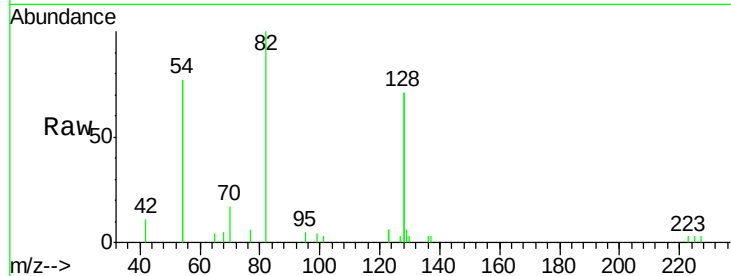
ClientSampleId :

EXT-026-SW045-042219

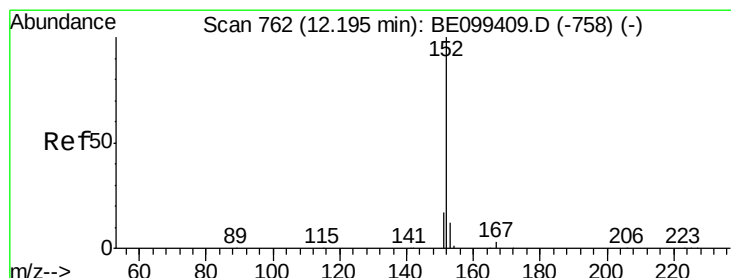
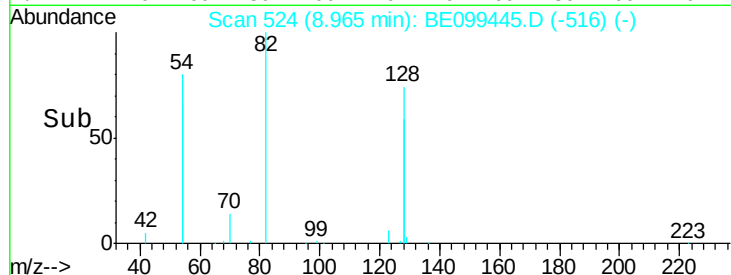
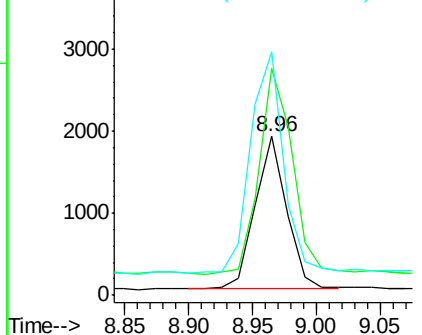
Tgt Ion:	82	Resp:	3189
Ion Ratio	Lower	Upper	
82	100		
128	142.8	107.0	160.4
54	153.4	113.1	169.7

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Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.363 ng

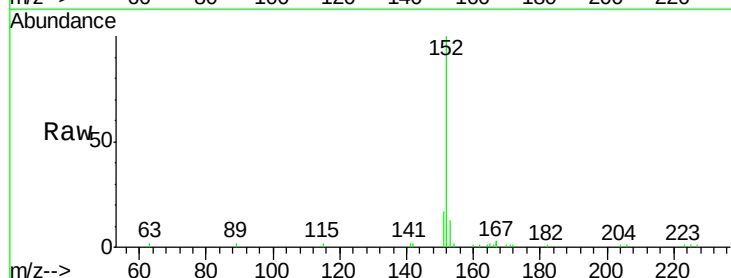
RT: 12.20 min Scan# 763

Delta R.T. -0.00 min

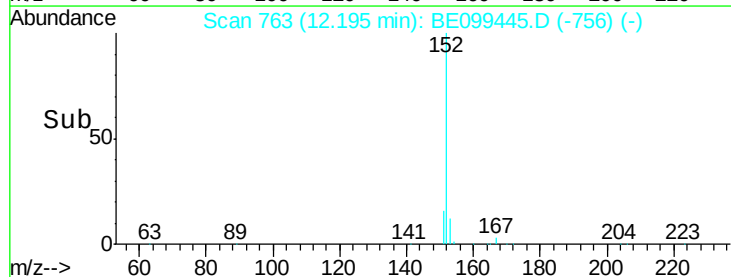
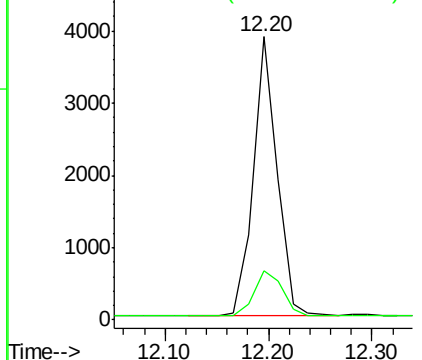
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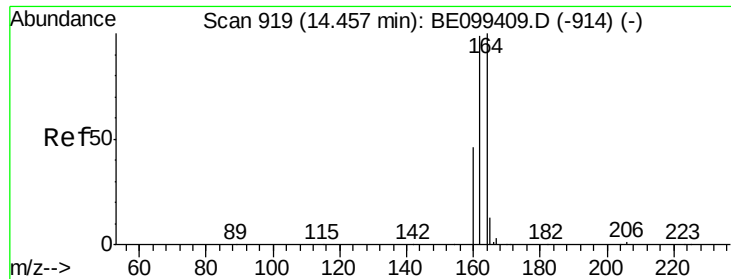
Acq: 1 May 2019 3:03

Tgt Ion:	152	Resp:	6147
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.5	23.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E





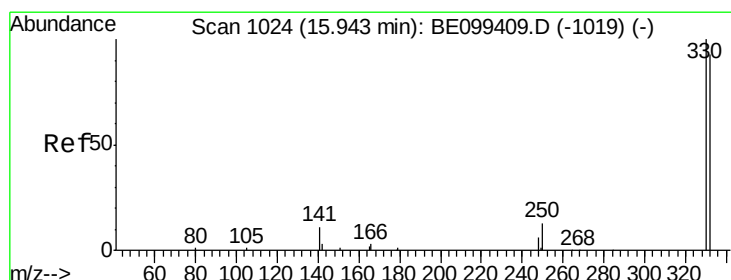
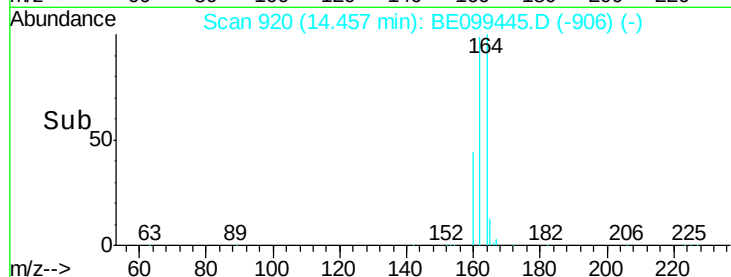
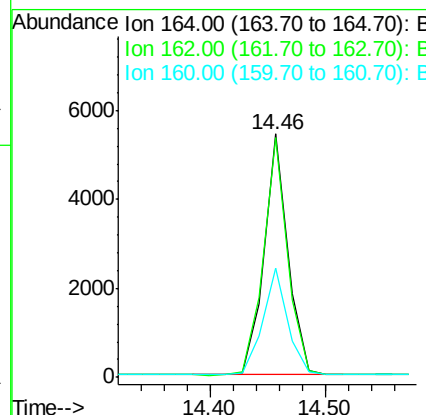
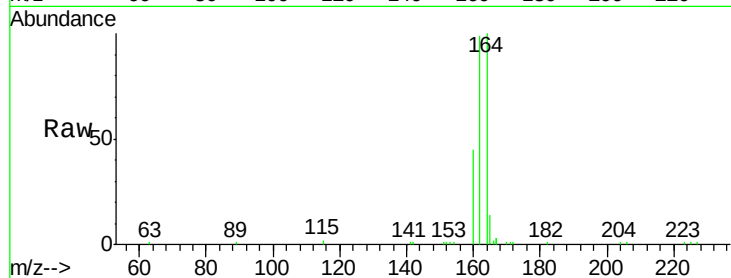
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE099445.D
Acq: 1 May 2019 3:03

Instrument :
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ClientSampleId :
EXT-026-SW045-042219

Tgt Ion:164 Resp: 7783
Ion Ratio Lower Upper
164 100
162 98.7 79.0 118.4
160 44.6 37.0 55.4

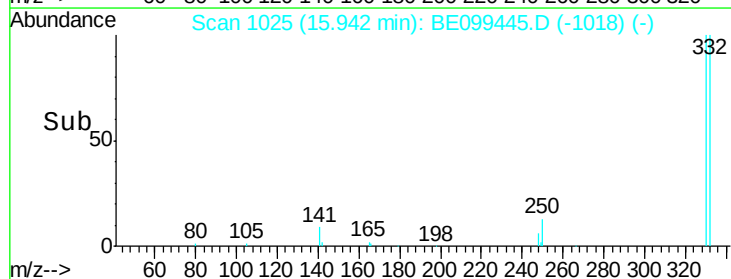
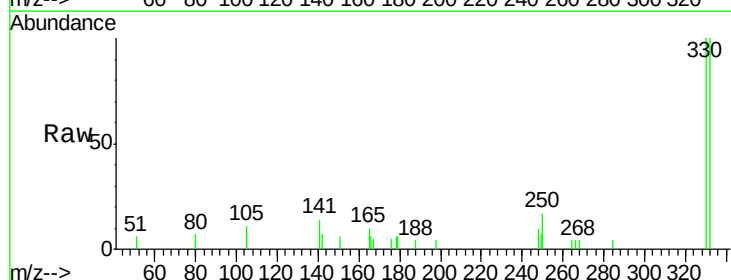
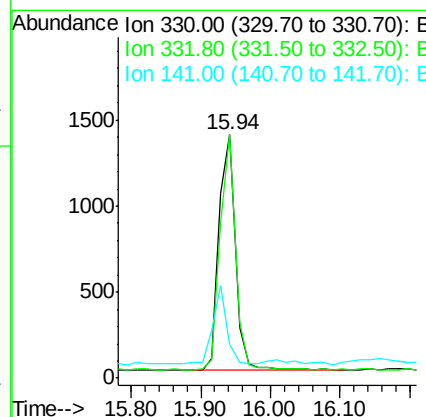
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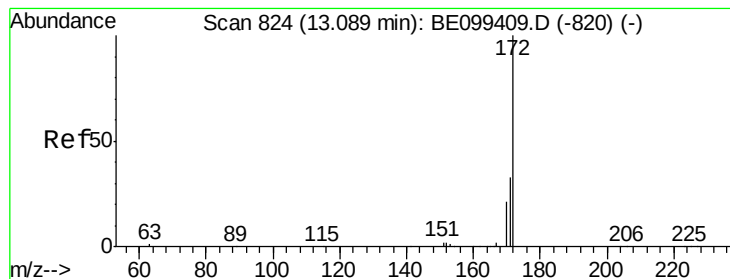
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#14
2,4,6-Tribromophenol
Concen: 0.460 ng
RT: 15.94 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE099445.D
Acq: 1 May 2019 3:03

Tgt Ion:330 Resp: 2256
Ion Ratio Lower Upper
330 100
332 95.3 71.5 107.3
141 28.0 24.0 36.0





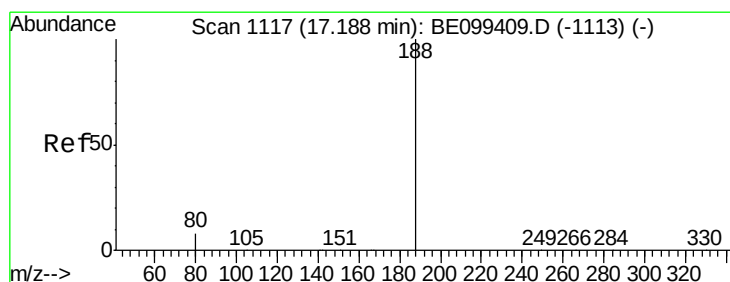
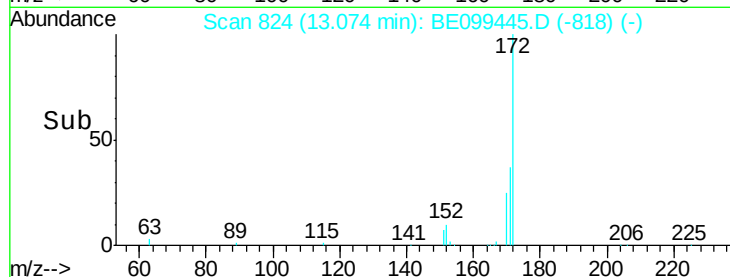
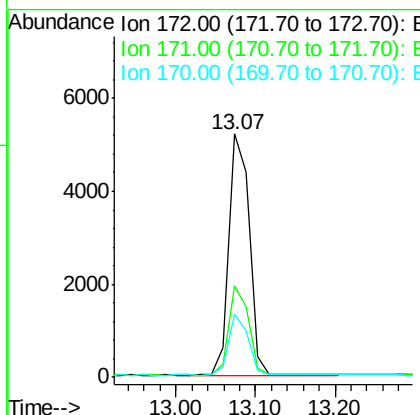
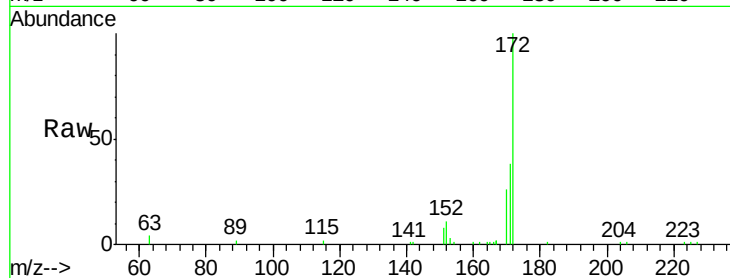
#15
 2-Fluorobiphenyl
 Concen: 0.309 ng
 RT: 13.07 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BE099445.D
 Acq: 1 May 2019 3:03

Instrument :
 BNA_E
 ClientSampleId :
 EXT-026-SW045-042219

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	26.6	39.8
170	26.1	17.0	25.6

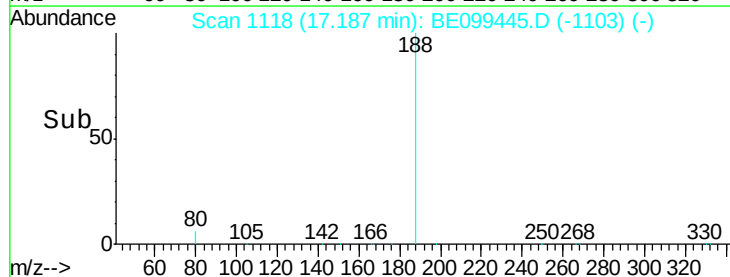
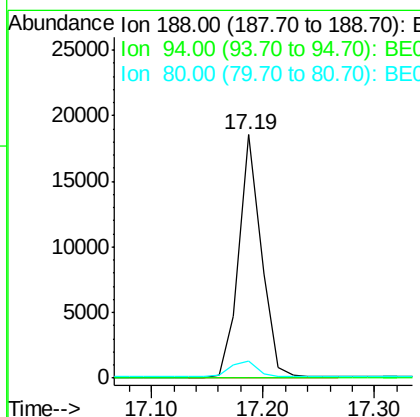
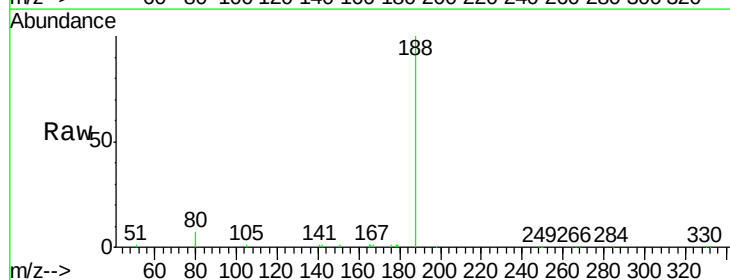
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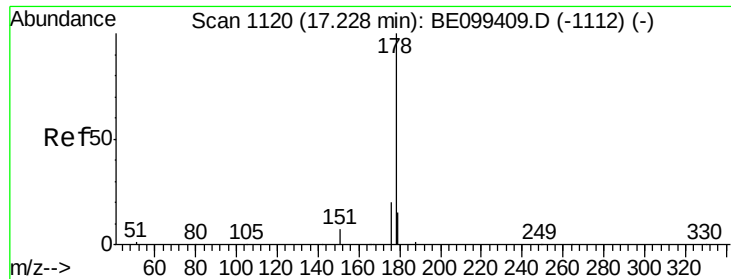
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#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.19 min Scan# 1118
 Delta R.T. -0.00 min
 Lab File: BE099445.D
 Acq: 1 May 2019 3:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	6.7	10.1





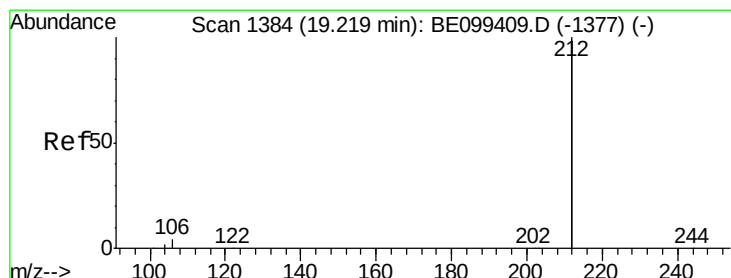
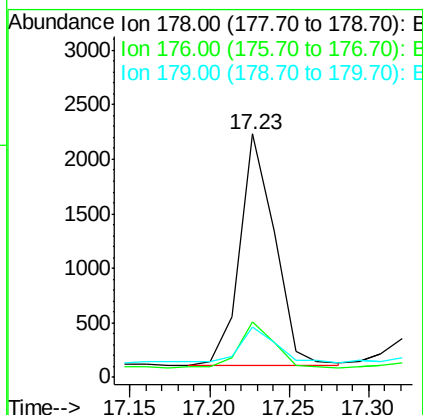
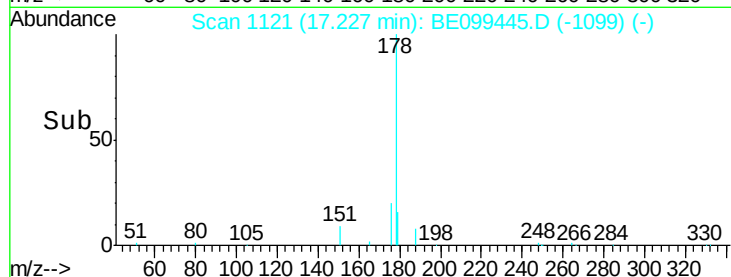
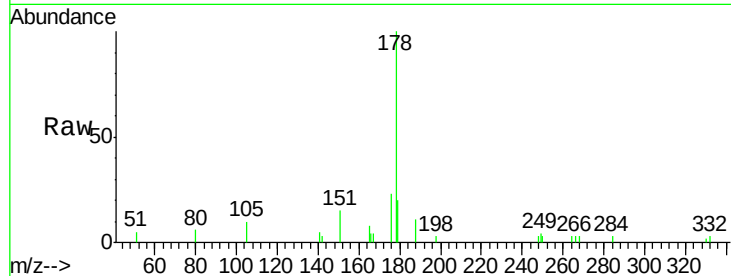
#23
Phenanthrene
Concen: 0.049 ng
RT: 17.23 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BE099445.D
Acq: 1 May 2019 3:03

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW045-042219

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	20.9	12.0	18.0

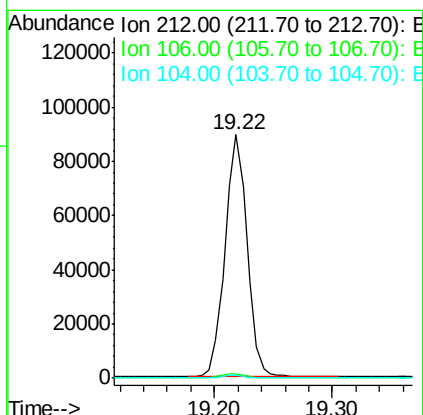
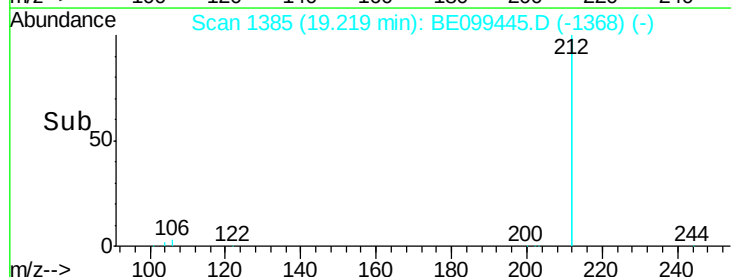
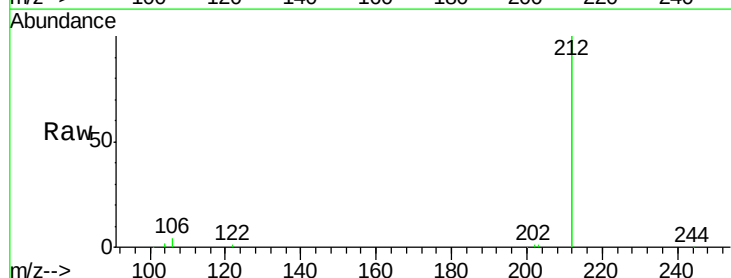
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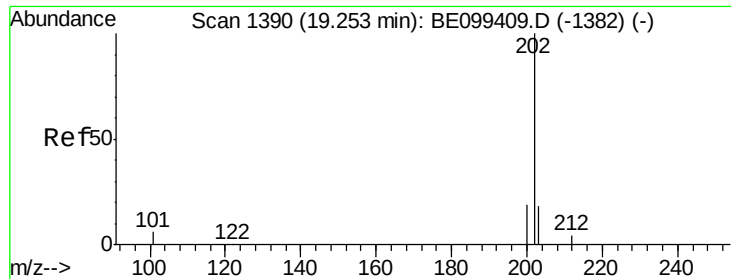
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#25
Fluoranthene-d10
Concen: 0.329 ng
RT: 19.22 min Scan# 1385
Delta R.T. -0.00 min
Lab File: BE099445.D
Acq: 1 May 2019 3:03

Tgt Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.5	2.3
104	1.1	0.9	1.3





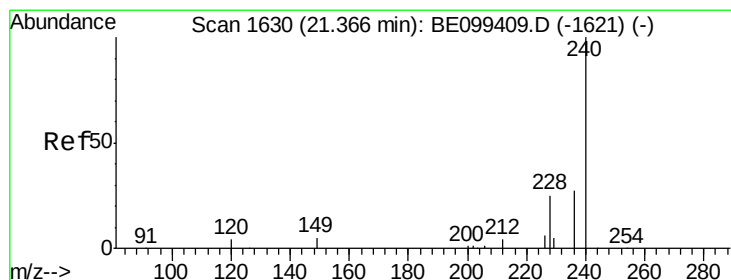
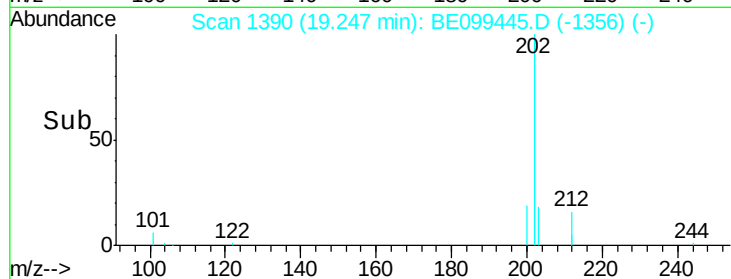
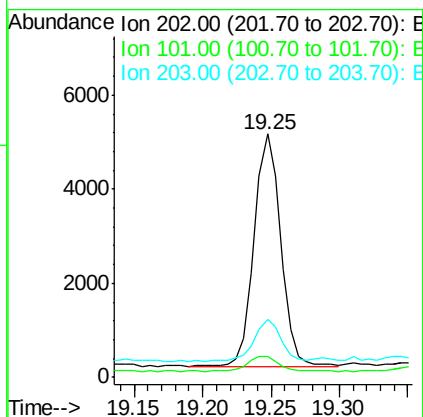
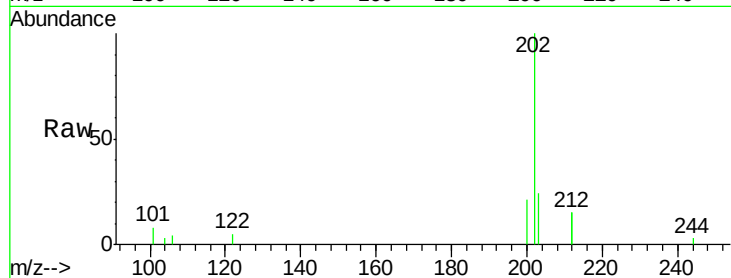
#26
Fluoranthene
Concen: 0.067 ng
RT: 19.25 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BE099445.D
Acq: 1 May 2019 3:03

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW045-042219

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.2	5.4	8.0
203	18.7	13.9	20.9

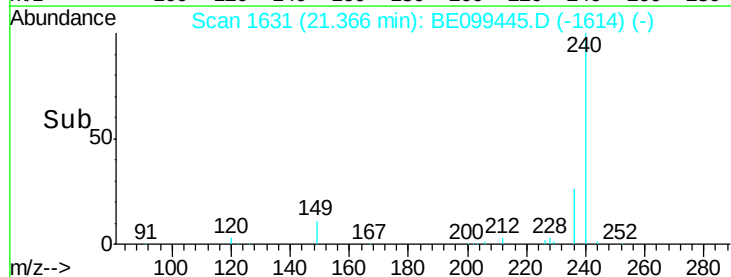
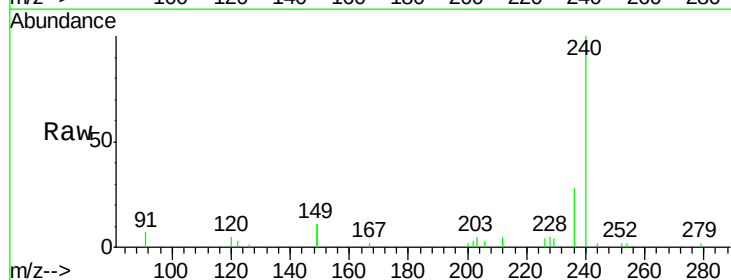
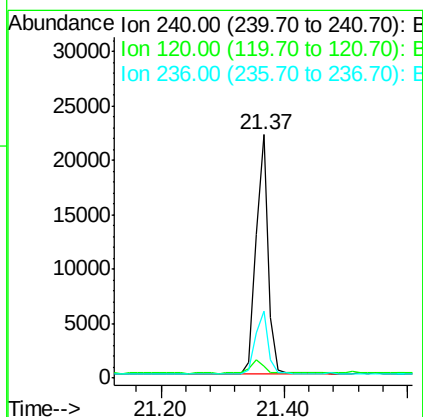
Manual Integrations
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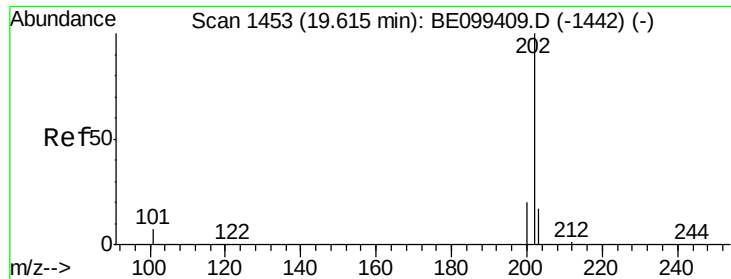
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#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE099445.D
Acq: 1 May 2019 3:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	4.7	4.0	6.0
236	27.7	22.0	33.0





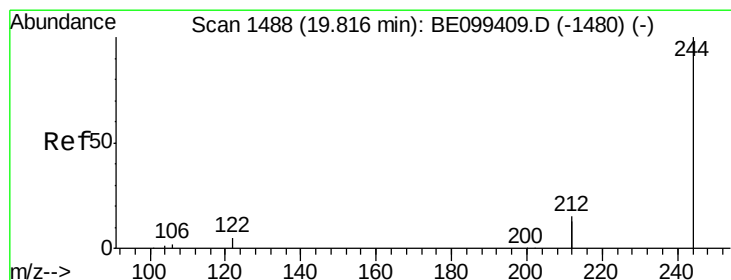
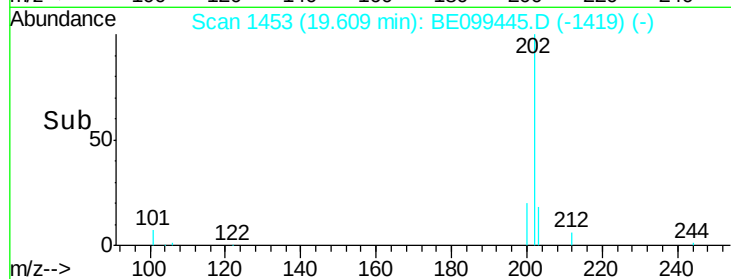
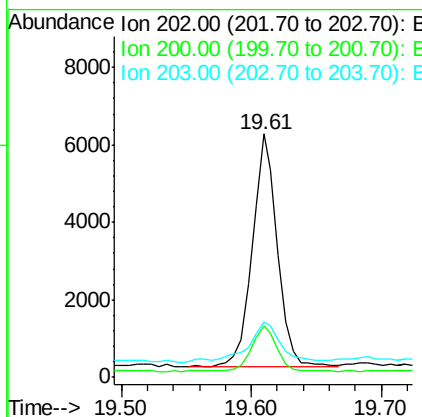
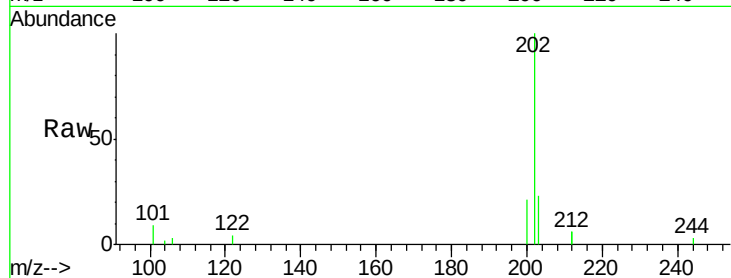
#28
 Pyrene
 Concen: 0.102 ng
 RT: 19.61 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BE099445.D
 Acq: 1 May 2019 3:03

Instrument :
 BNA_E
 ClientSampleId :
 EXT-026-SW045-042219

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.2	15.7	23.5
203	22.8	13.9	20.9

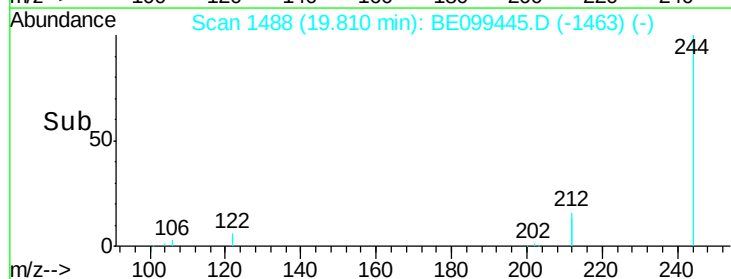
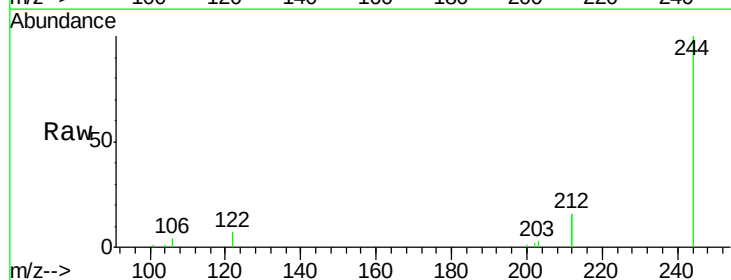
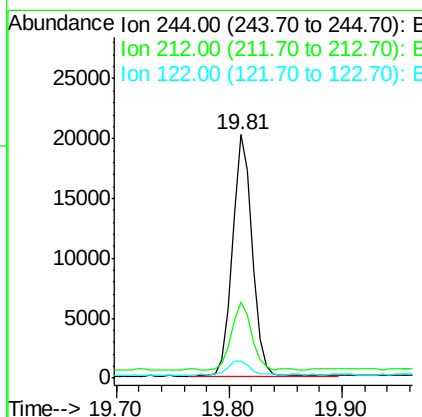
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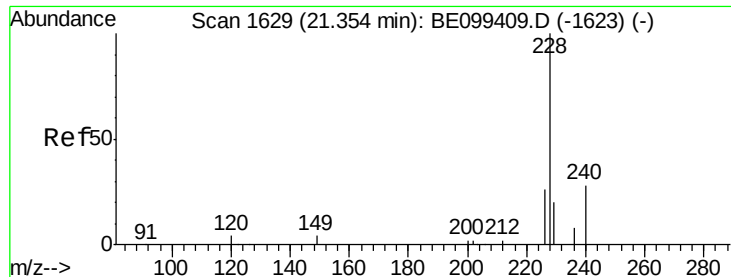
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#29
 Terphenyl-d14
 Concen: 0.441 ng
 RT: 19.81 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BE099445.D
 Acq: 1 May 2019 3:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	31.4	23.2	34.8
122	7.0	4.2	6.4





#30

Benzo(a)anthracene

Concen: 0.049 ng

RT: 21.34 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BE099445.D

Acq: 1 May 2019 3:03

Instrument :

BNA_E

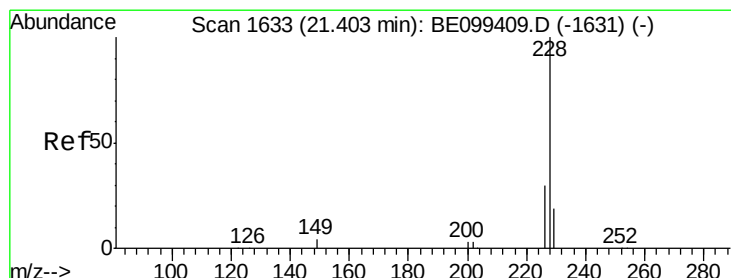
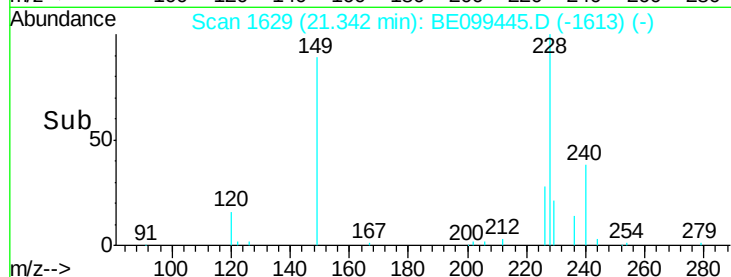
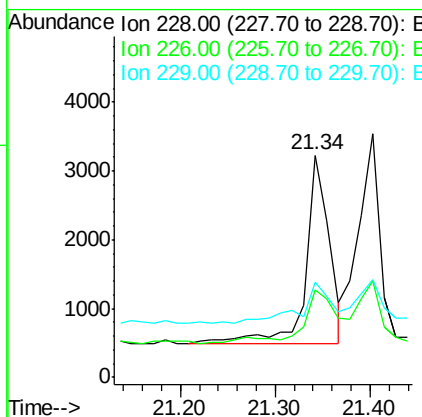
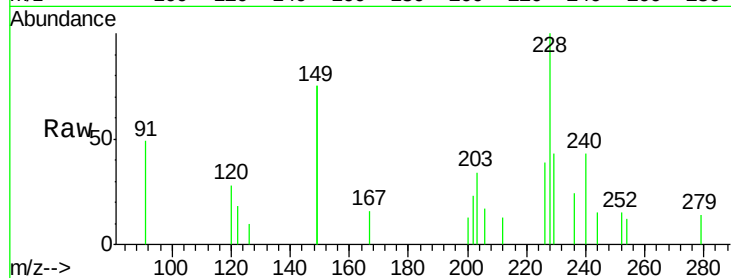
ClientSampleId :

EXT-026-SW045-042219

Tgt Ion:	228	Resp:	4762
Ion Ratio	Lower	Upper	
228	100		
226	39.3	21.0	31.6#
229	42.9	16.6	25.0#

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#31

Chrysene

Concen: 0.052 ng

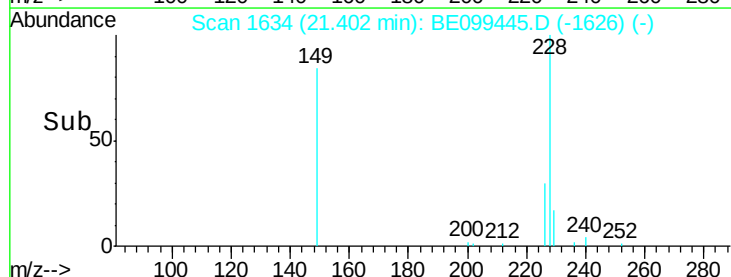
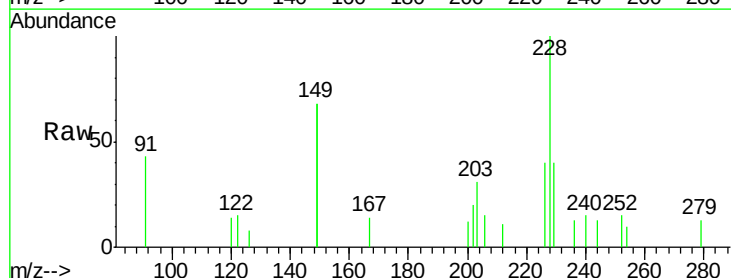
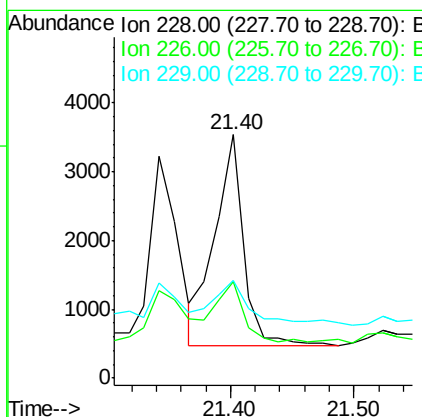
RT: 21.40 min Scan# 1634

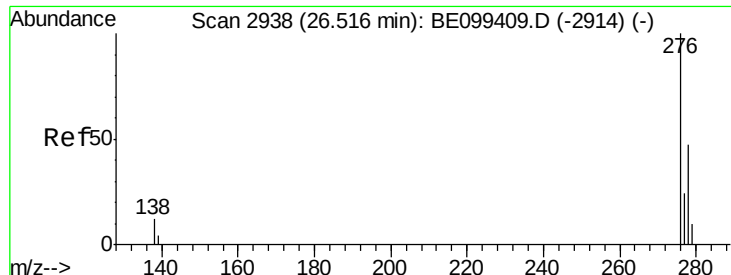
Delta R.T. -0.00 min

Lab File: BE099445.D

Acq: 1 May 2019 3:03

Tgt Ion:	228	Resp:	4950
Ion Ratio	Lower	Upper	
228	100		
226	39.7	24.0	36.0#
229	40.1	15.8	23.8#





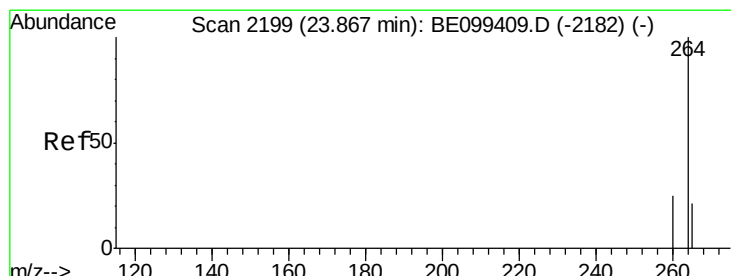
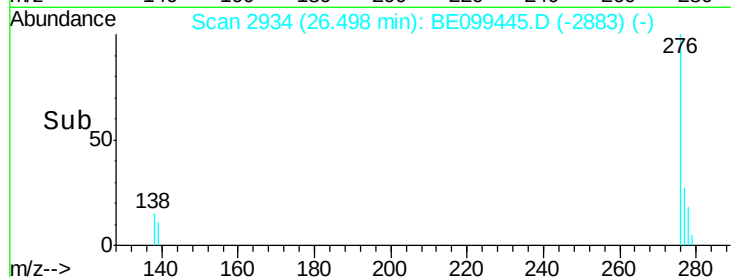
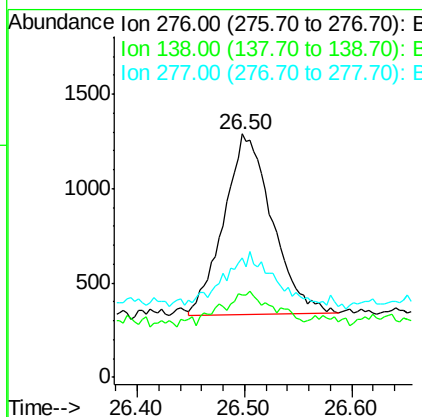
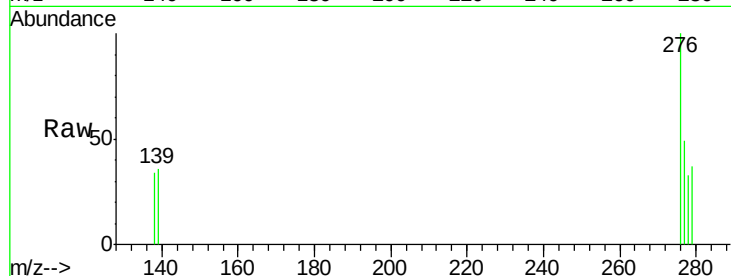
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.026 ng
 RT: 26.50 min Scan# 2934
 Delta R.T. -0.02 min
 Lab File: BE099445.D
 Acq: 1 May 2019 3:03

Instrument :
 BNA_E
 ClientSampleId :
 EXT-026-SW045-042219

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	6.9	10.2	15.2#
277	8.9	19.2	28.8#

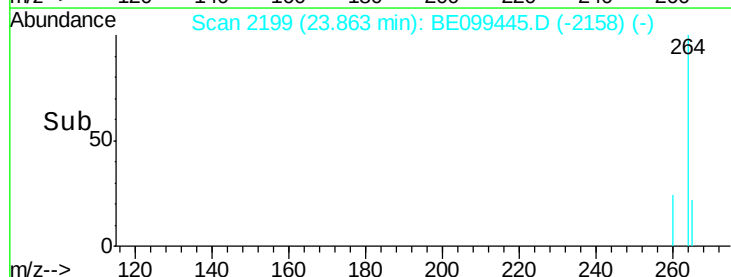
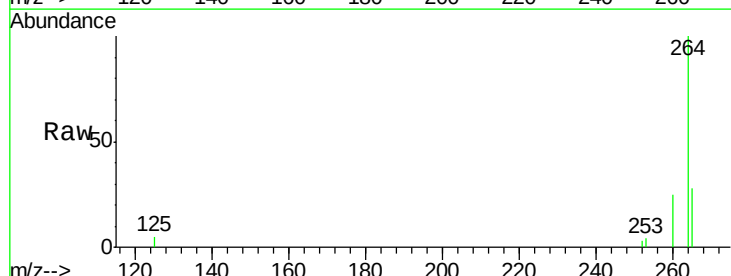
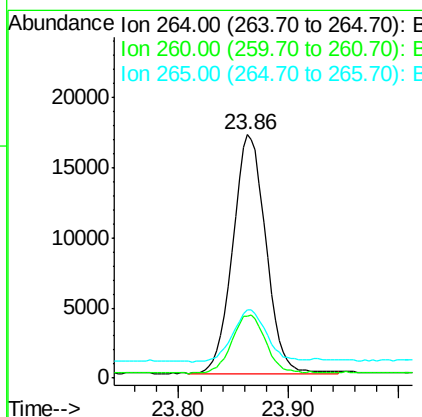
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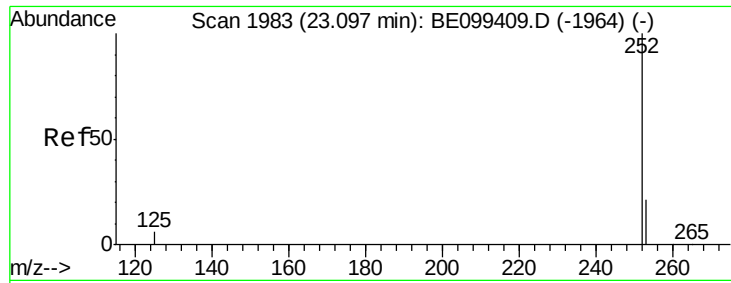
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.86 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BE099445.D
 Acq: 1 May 2019 3:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	25.4	20.2	30.2
265	28.2	21.3	31.9





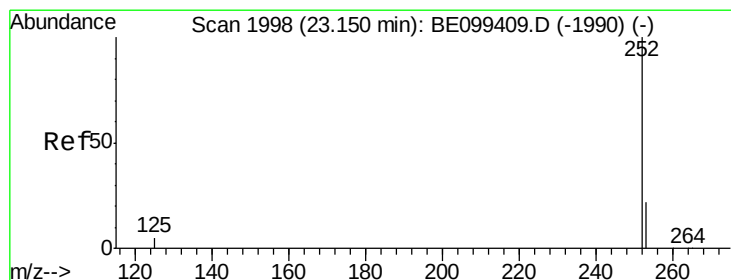
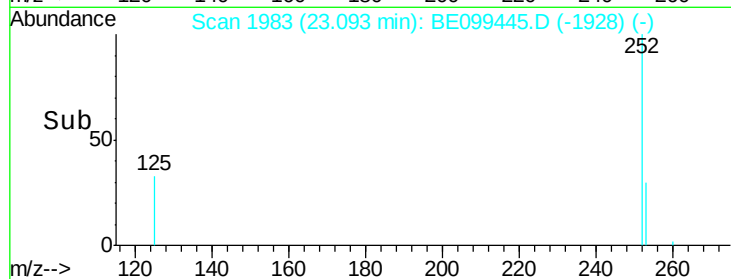
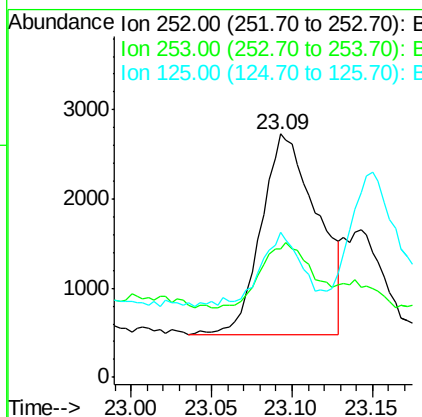
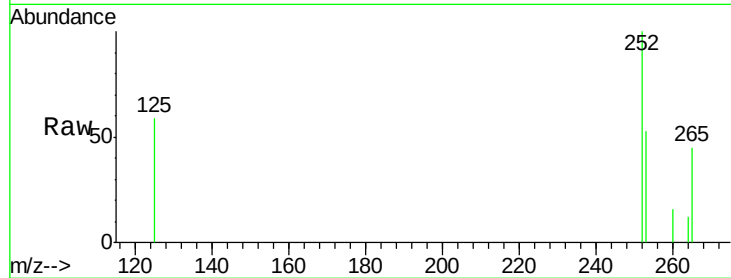
#35
Benzo(b)fluoranthene
Concen: 0.054 ng
RT: 23.09 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BE099445.D
Acq: 1 May 2019 3:03

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW045-042219

Tgt Ion	Ratio	Lower	Upper
252	100		
253	52.9	18.1	27.1#
125	59.4	5.6	8.4#

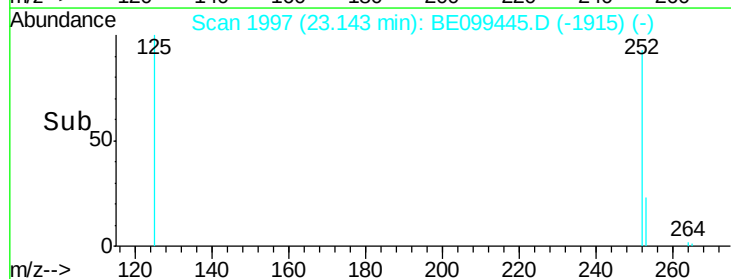
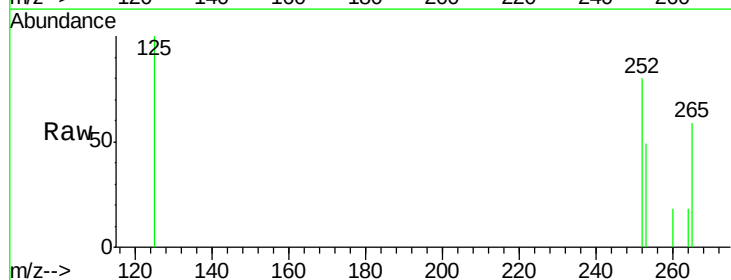
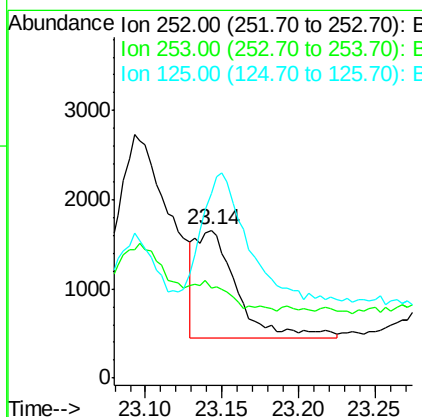
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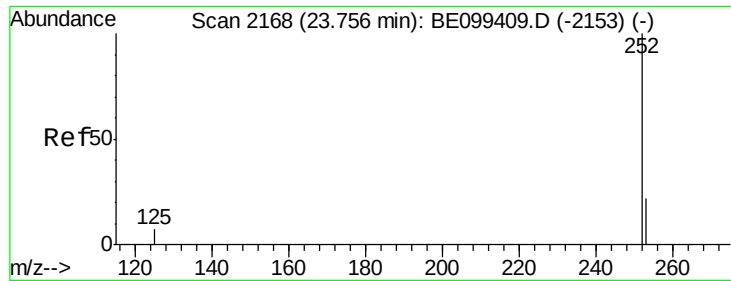
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#36
Benzo(k)fluoranthene
Concen: 0.023 ng m
RT: 23.14 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BE099445.D
Acq: 1 May 2019 3:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	61.1	18.4	27.6#
125	124.8	5.0	7.4#





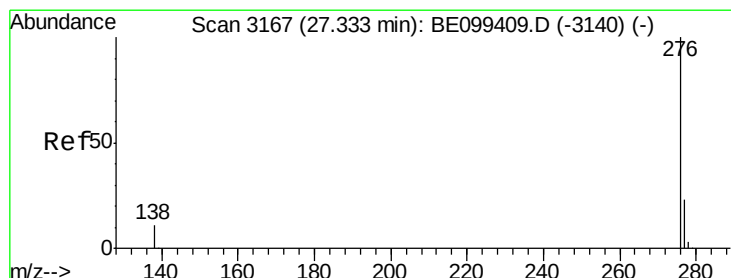
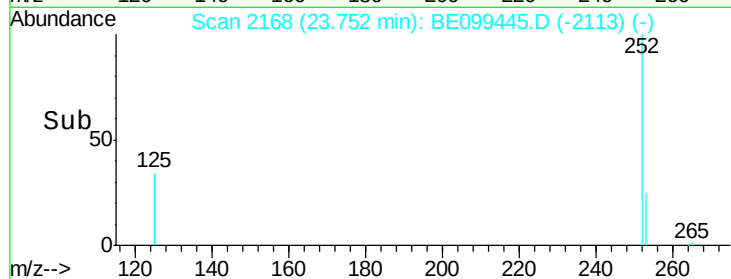
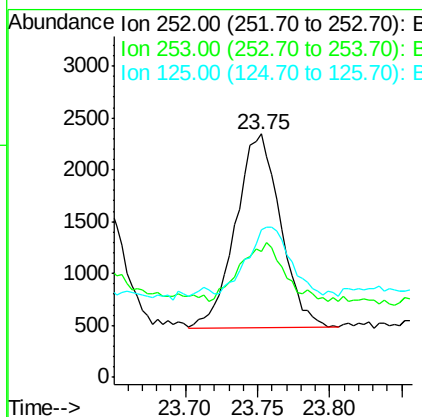
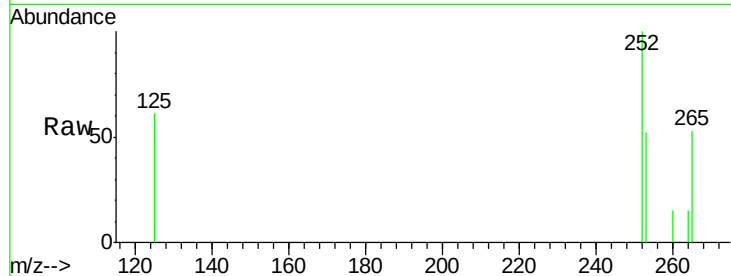
#37
Benzo(a)pyrene
Concen: 0.041 ng
RT: 23.75 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BE099445.D
Acq: 1 May 2019 3:03

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW045-042219

Tgt Ion	Ratio	Lower	Upper
252	100		
253	51.9	18.9	28.3#
125	60.7	6.7	10.1#

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#39
Benzo(g,h,i)perylene
Concen: 0.030 ng
RT: 27.32 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BE099445.D
Acq: 1 May 2019 3:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	48.2	19.5	29.3#
138	30.7	9.6	14.4#

