

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE043019\
 Data File : BE099451.D
 Acq On : 1 May 2019 6:38
 Operator : JU/SJ
 Sample : K2568-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-026-SW027-042219

Manual Integrations
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Sohil
 5/1/2019 12:03:34 PM

Quant Time: May 01 07:55:12 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	2162	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	8487	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	6809	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	22803	0.40	ng	0.00
27) Chrysene-d12	21.37	240	27910	0.40	ng	0.00
34) Perylene-d12	23.87	264	31832	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.38	112	2237	0.37	ng	0.00
5) Phenol-d6	6.97	99	3456	0.43	ng	0.00
8) Nitrobenzene-d5	8.96	82	2886	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	5250	0.34	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1871	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	7998	0.31	ng	-0.02
25) Fluoranthene-d10	19.22	212	96251	0.31	ng	0.00
29) Terphenyl-d14	19.81	244	20249	0.40	ng	0.00

Target Compounds

						Qvalue
12) 2-Methylnaphthalene	12.27	142	500	0.031	ng	# 91
16) Acenaphthylene	14.18	152	980	0.029	ng	99
23) Phenanthrene	17.23	178	12961	0.220	ng	99
24) Anthracene	17.32	178	1139	0.020	ng	# 89
26) Fluoranthene	19.25	202	30290	0.344	ng	99
28) Pyrene	19.61	202	29997	0.412	ng	# 96
30) Benzo(a)anthracene	21.34	228	14966	0.168	ng	93
31) Chrysene	21.40	228	19402m	0.223	ng	
32) Bis(2-ethylhexyl)phthalate	21.27	149	25656	0.133	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.50	276	11153	0.108	ng	96
35) Benzo(b)fluoranthene	23.10	252	22204	0.242	ng	# 84
36) Benzo(k)fluoranthene	23.14	252	7975m	0.090	ng	
37) Benzo(a)pyrene	23.75	252	14642	0.169	ng	# 82
38) Dibenzo(a,h)anthracene	26.53	278	2824	0.032	ng	# 38
39) Benzo(g,h,i)perylene	27.33	276	11503	0.129	ng	# 92

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

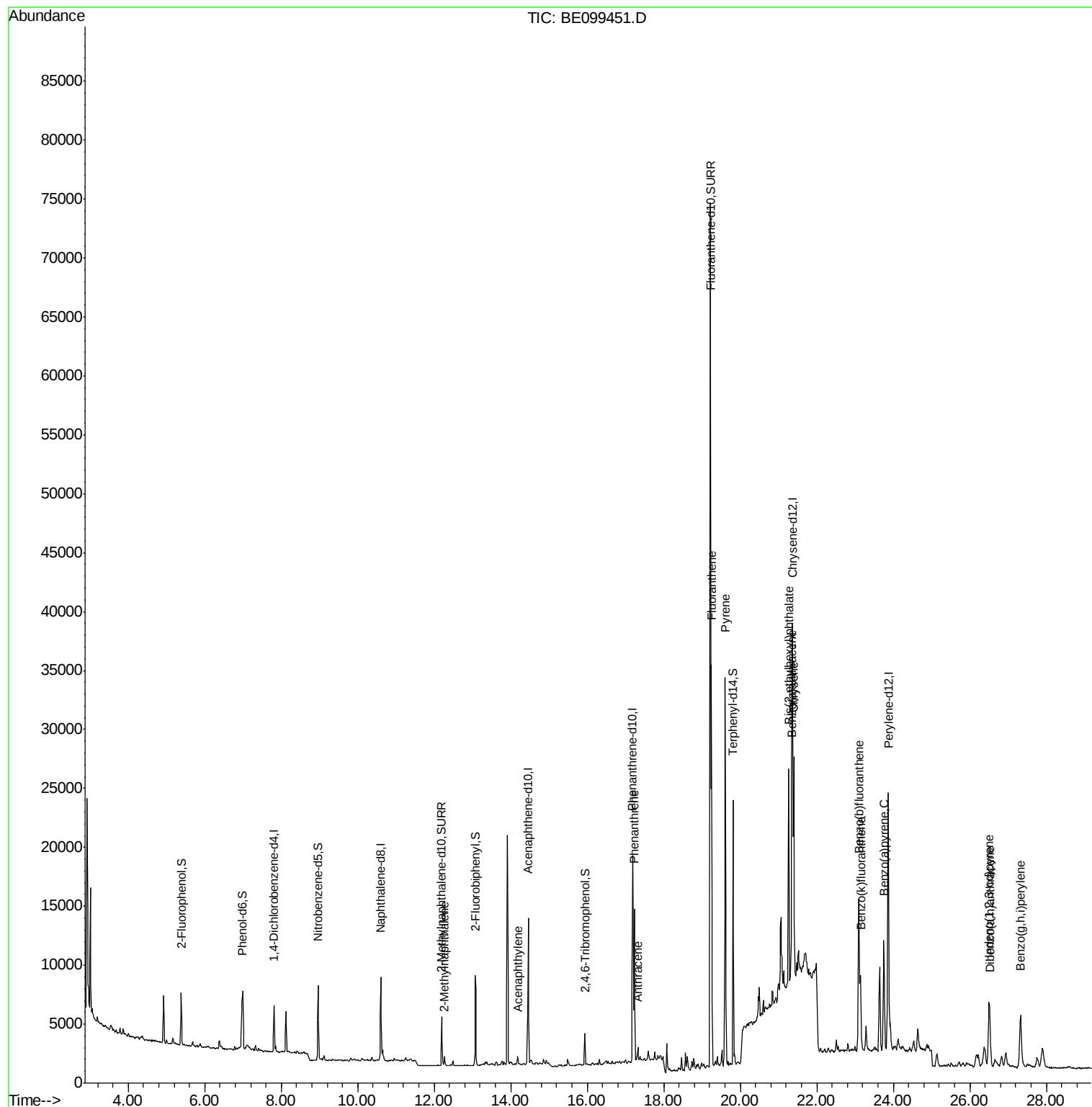
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE043019\
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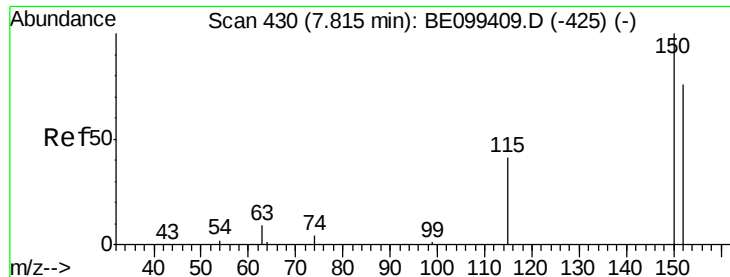
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
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Response via : Initial Calibration

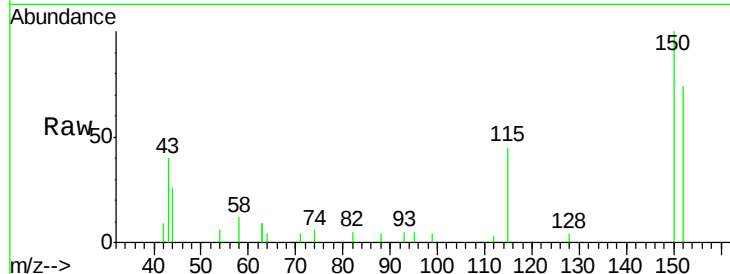




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 430
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

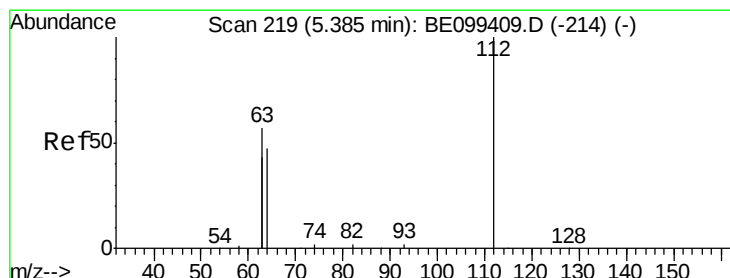
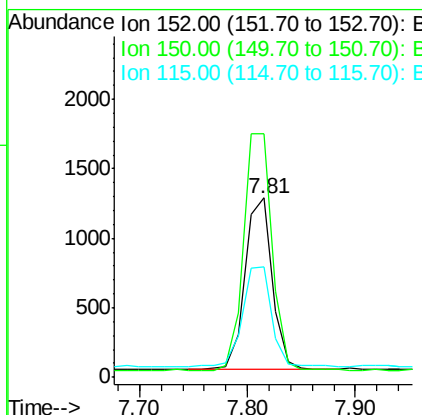
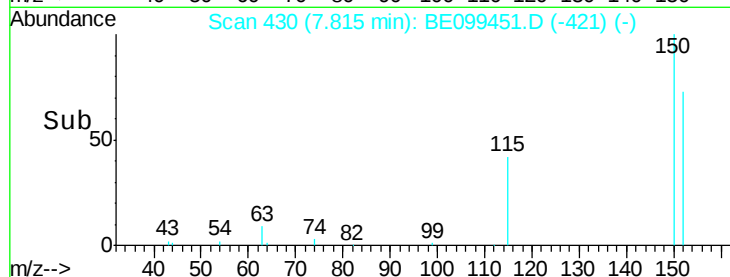
Instrument :
BNA_E
ClientSampleId :
EXT-026-SW027-042219



Tgt Ion:152 Resp: 2162
Ion Ratio Lower Upper
152 100
150 135.6 104.8 157.2
115 61.5 46.6 69.8

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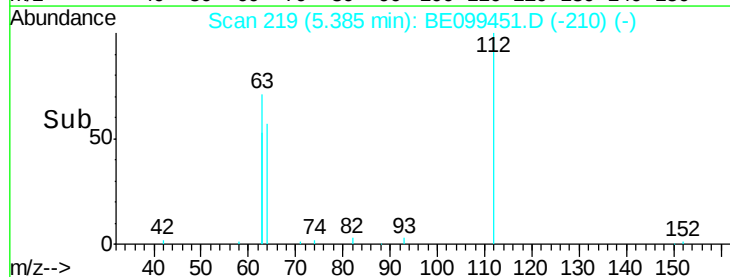
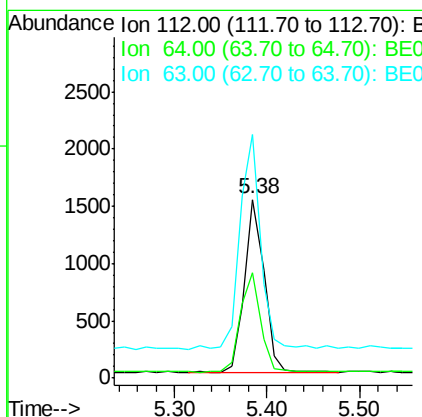
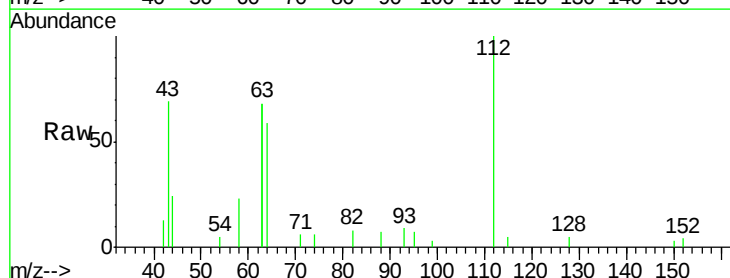
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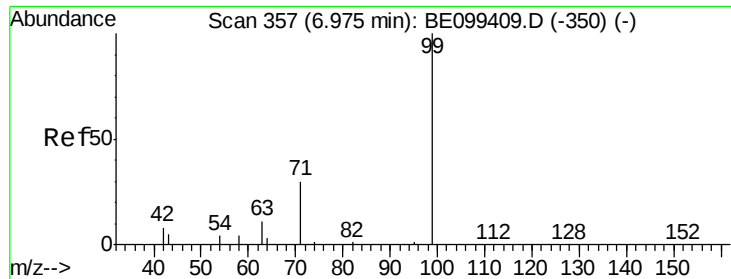


#4

2-Fluorophenol
Concen: 0.374 ng
RT: 5.38 min Scan# 219
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion:112 Resp: 2237
Ion Ratio Lower Upper
112 100
64 59.2 47.4 71.0
63 130.8 104.3 156.5





#5

Phenol-d6

Concen: 0.435 ng

RT: 6.97 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099451.D

Acq: 1 May 2019 6:38

Instrument :

BNA_E

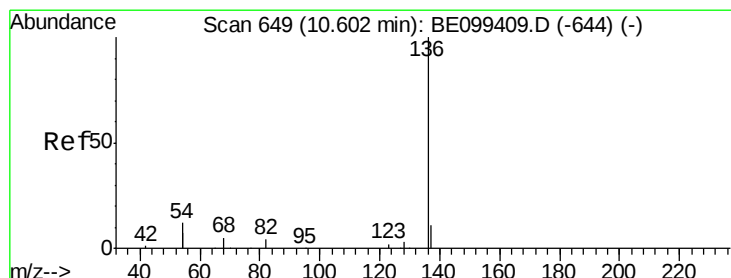
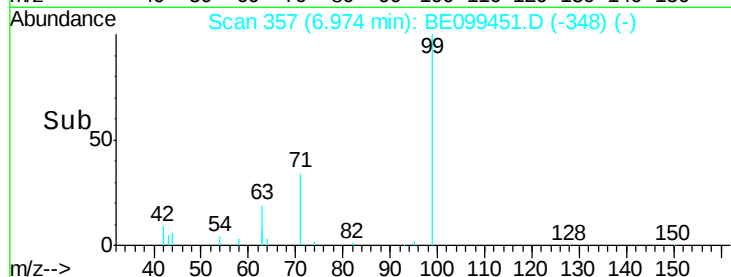
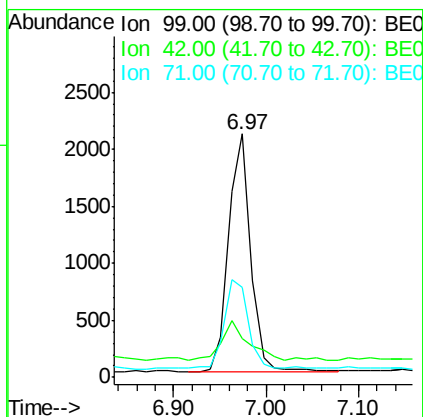
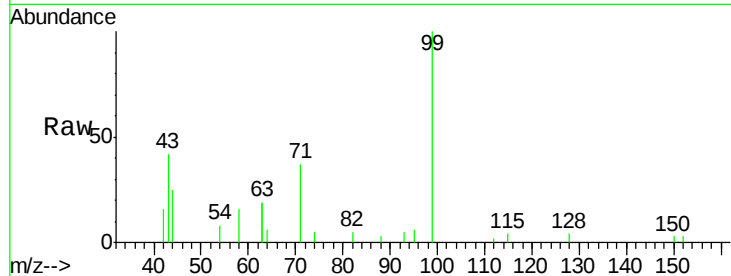
ClientSampleId :

EXT-026-SW027-042219

Tgt Ion:	99	Resp:	3456
Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.9	22.3
71	39.2	33.0	49.6

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#7

Naphthalene-d8

Concen: 0.400 ng

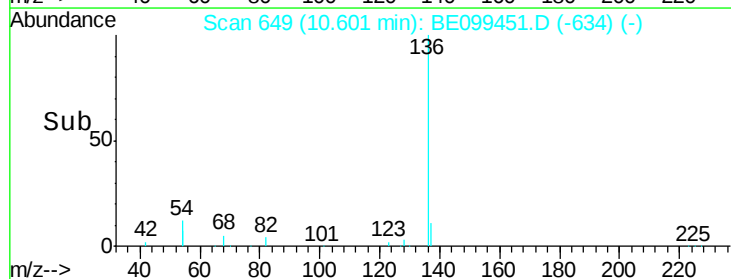
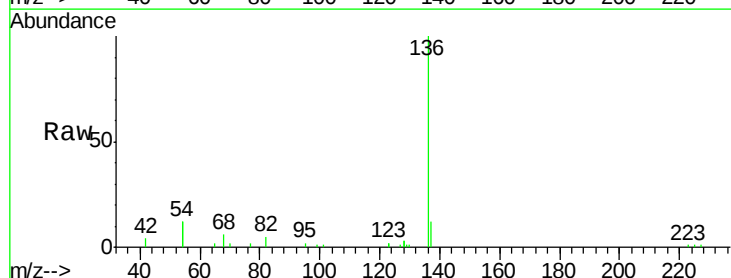
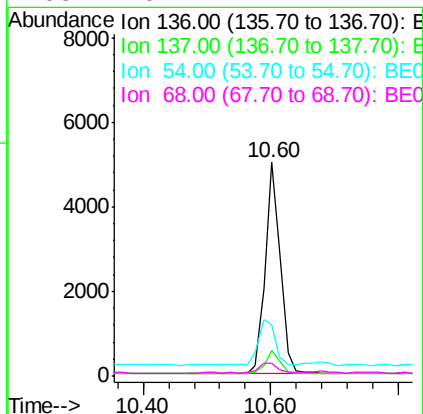
RT: 10.60 min Scan# 649

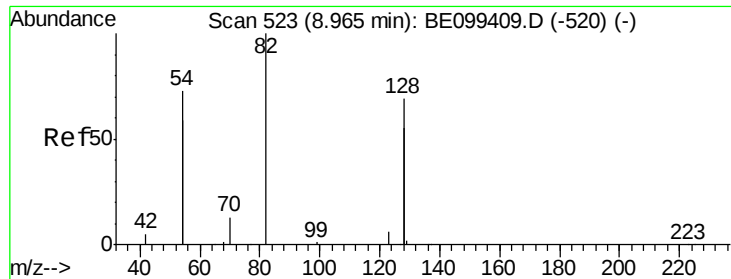
Delta R.T. -0.00 min

Lab File: BE099451.D

Acq: 1 May 2019 6:38

Tgt Ion:	136	Resp:	8487
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.8	14.8
54	24.2	18.5	27.7
68	6.2	4.7	7.1





#8

Nitrobenzene-d5

Concen: 0.363 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099451.D

Acq: 1 May 2019 6:38

Instrument :

BNA_E

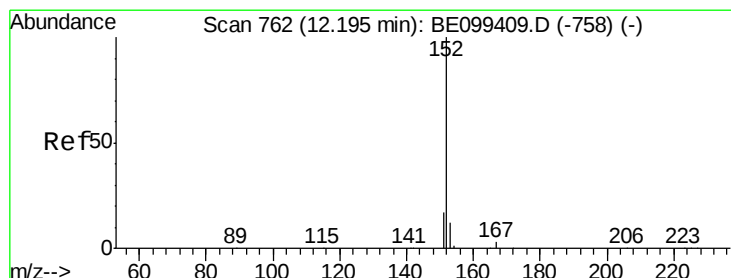
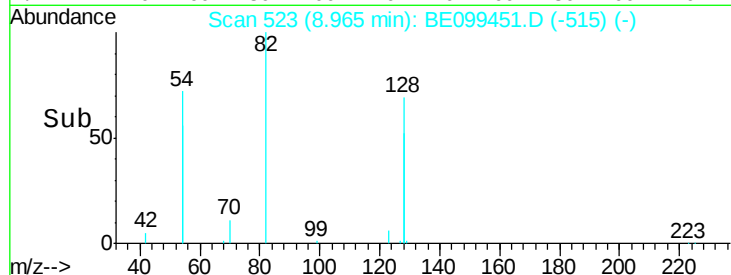
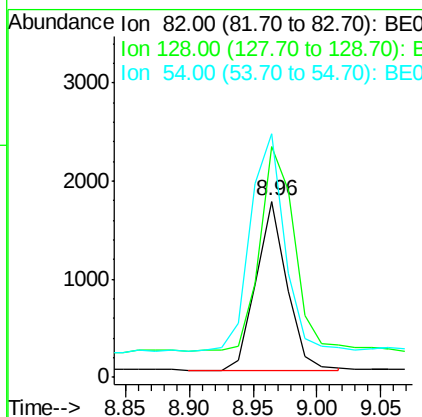
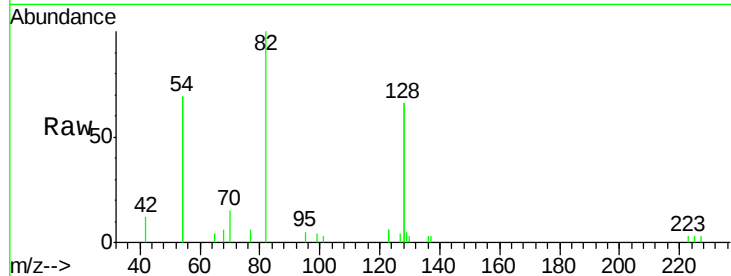
ClientSampleId :

EXT-026-SW027-042219

Tgt Ion:	82	Resp:	2886
Ion Ratio	Lower	Upper	
82	100		
128	131.2	107.0	160.4
54	138.1	113.1	169.7

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#11

2-Methylnaphthalene-d10

Concen: 0.343 ng

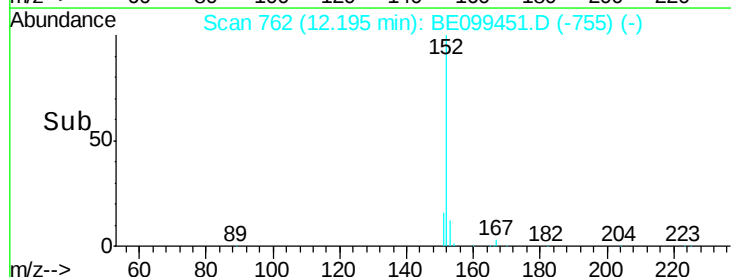
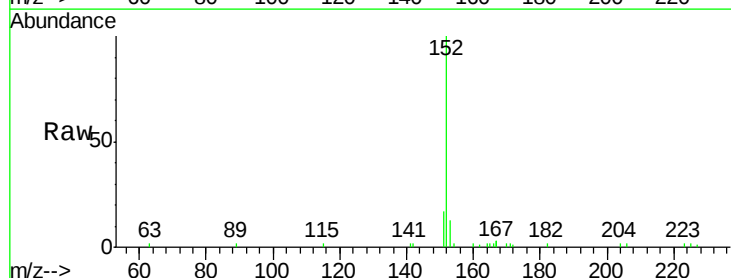
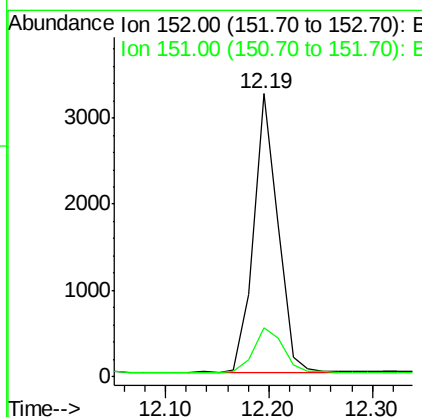
RT: 12.19 min Scan# 762

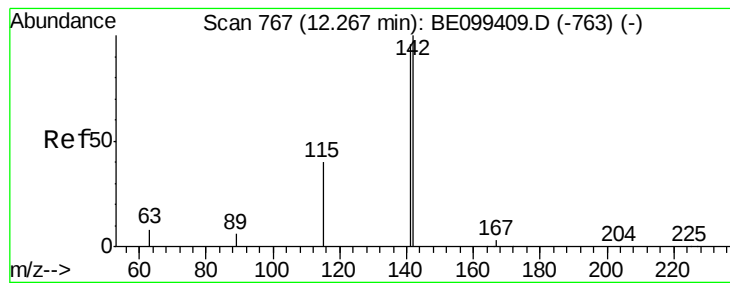
Delta R.T. -0.00 min

Lab File: BE099451.D

Acq: 1 May 2019 6:38

Tgt Ion:	152	Resp:	5250
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.5	23.3





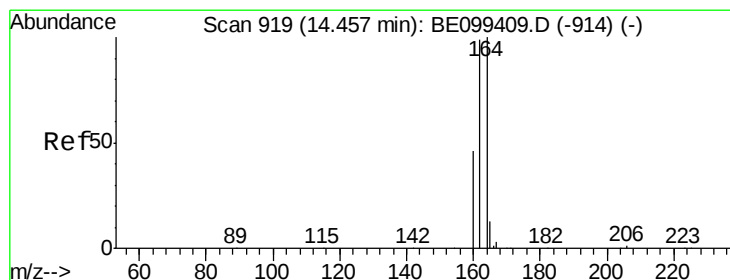
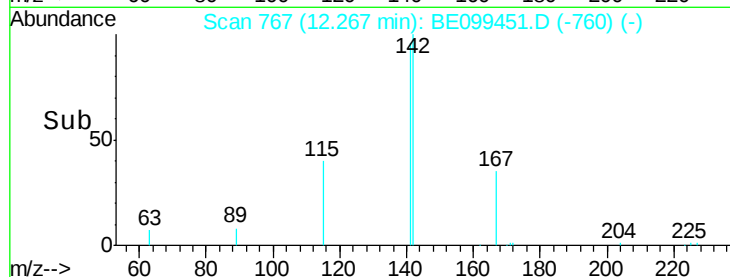
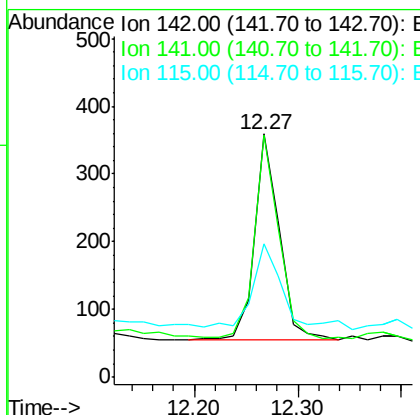
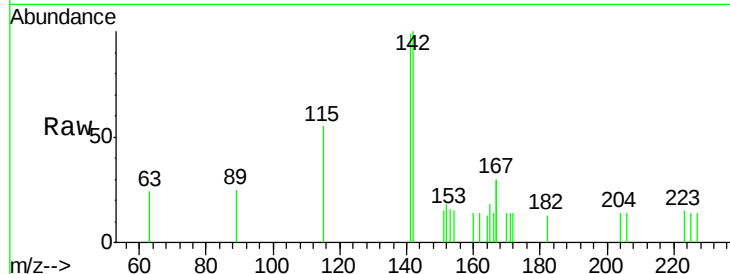
#12
2-Methylnaphthalene
Concen: 0.031 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW027-042219

Tgt Ion	Ratio	Lower	Upper
142	100		
141	99.4	77.0	115.4
115	54.9	33.4	50.0#

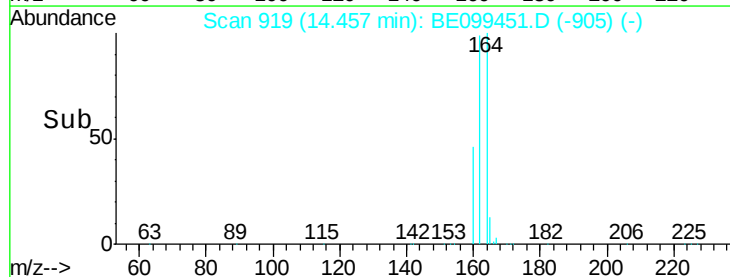
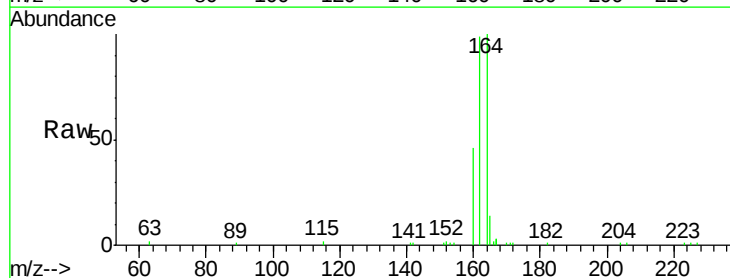
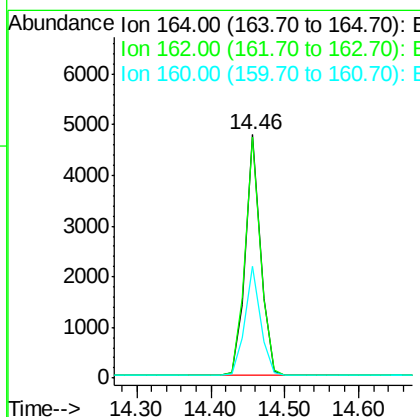
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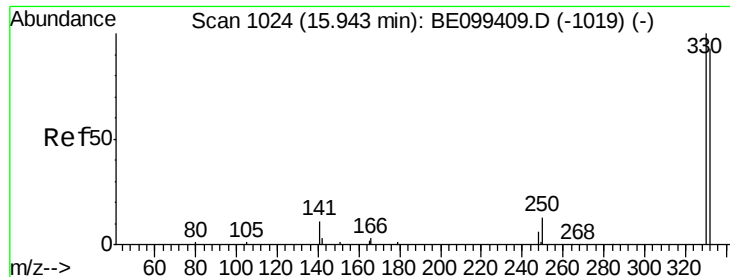
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.0	118.4
160	46.2	37.0	55.4





#14
 2,4,6-Tribromophenol
 Concen: 0.436 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BE099451.D
 Acq: 1 May 2019 6:38

Instrument :
 BNA_E
 ClientSampleId :
 EXT-026-SW027-042219

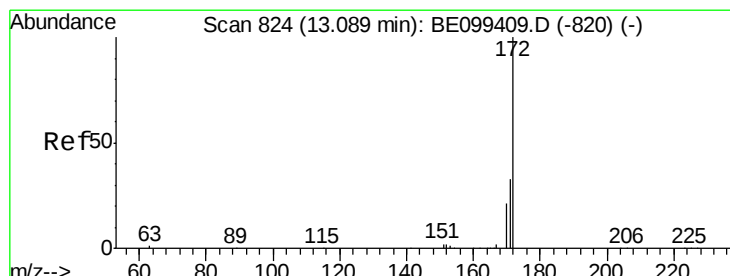
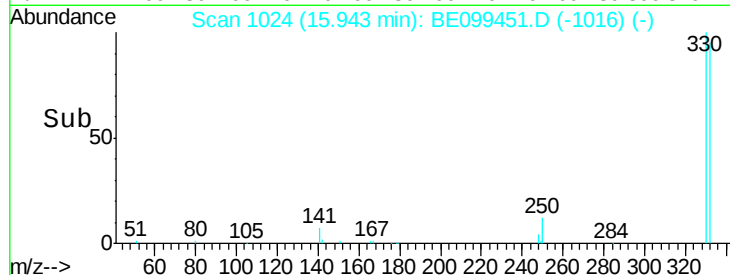
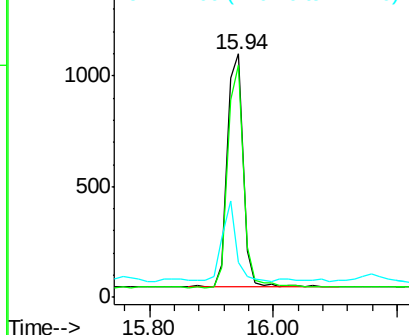
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	71.5	107.3
141	30.5	24.0	36.0

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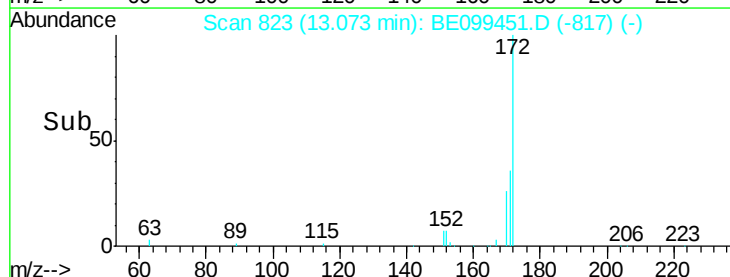
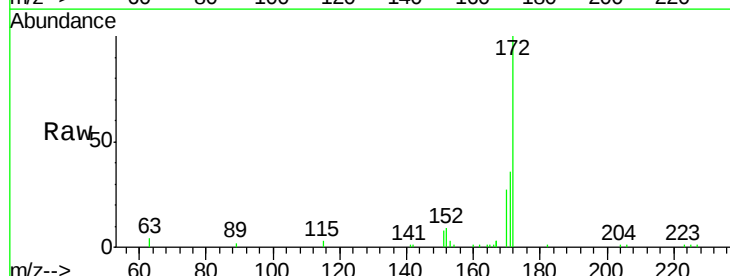
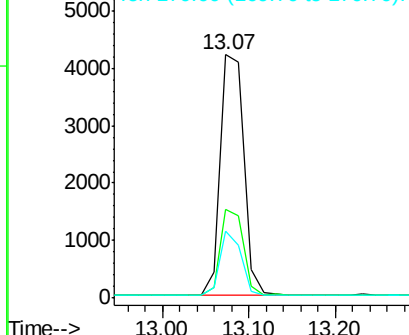
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 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

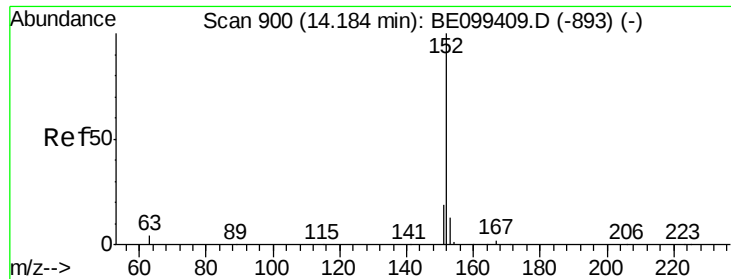


#15
 2-Fluorobiphenyl
 Concen: 0.308 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BE099451.D
 Acq: 1 May 2019 6:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	26.6	39.8
170	27.2	17.0	25.6

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





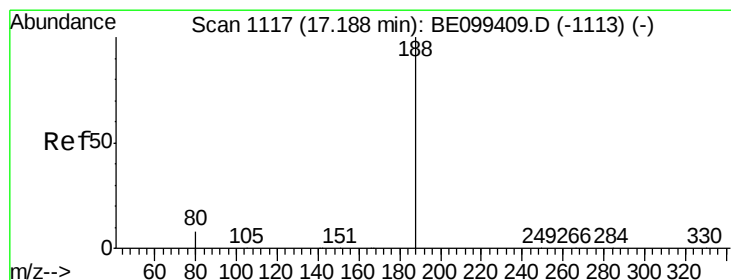
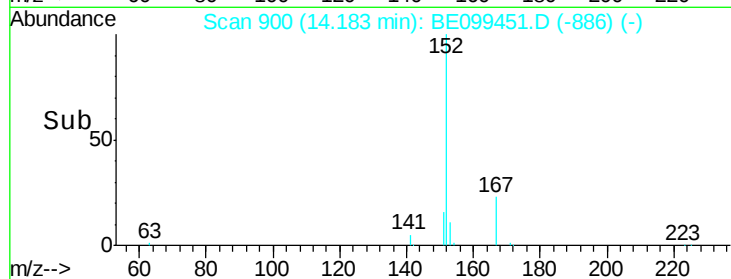
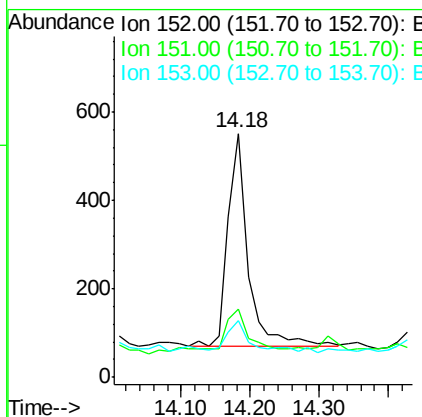
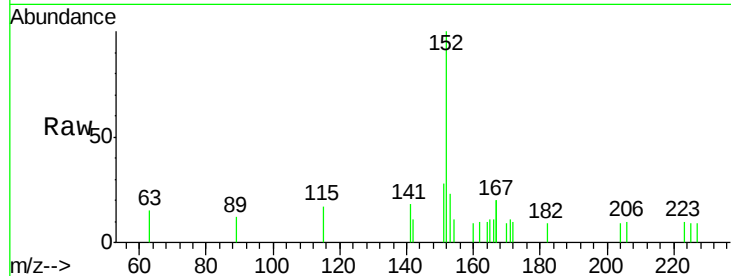
#16
Acenaphthylene
Concen: 0.029 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

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ClientSampleId :
EXT-026-SW027-042219

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.2
153	12.4	9.8	14.6

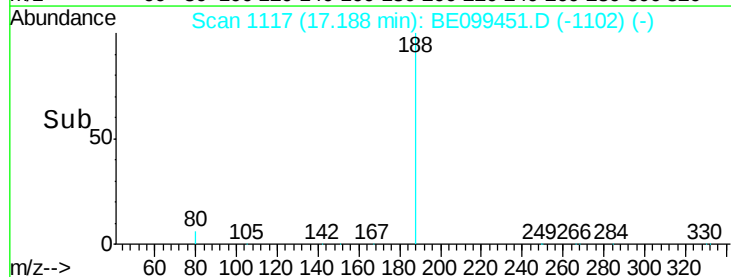
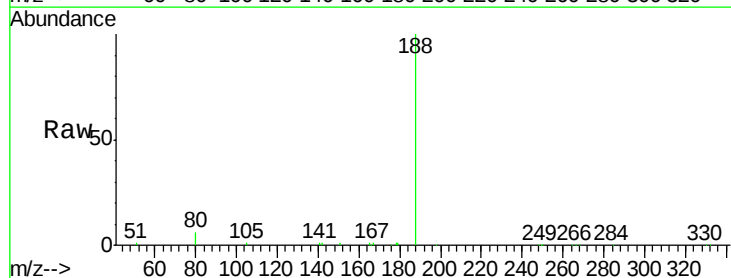
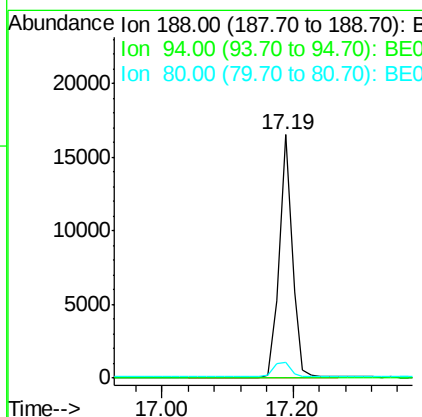
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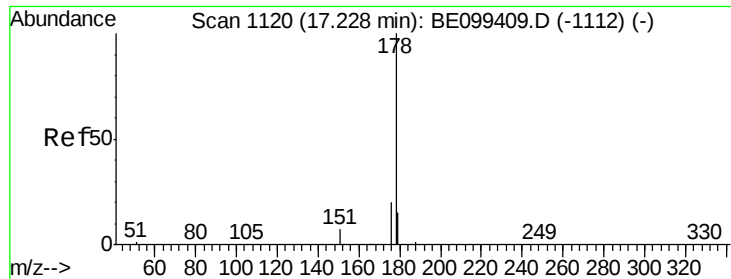
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.19 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	6.7	10.1#





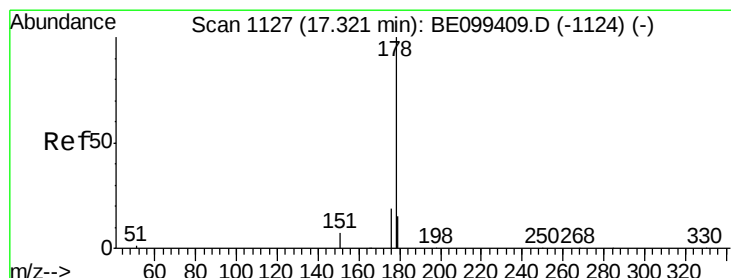
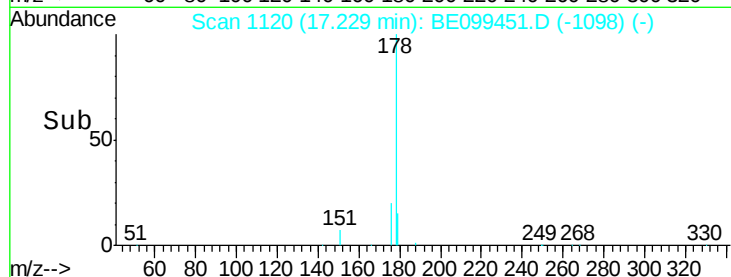
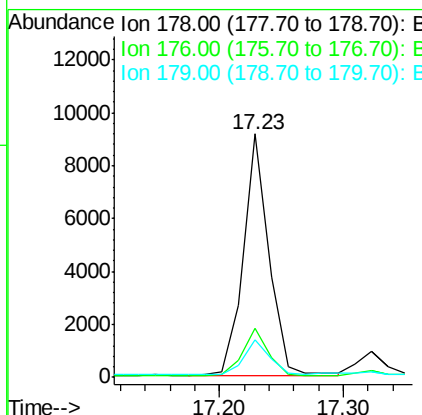
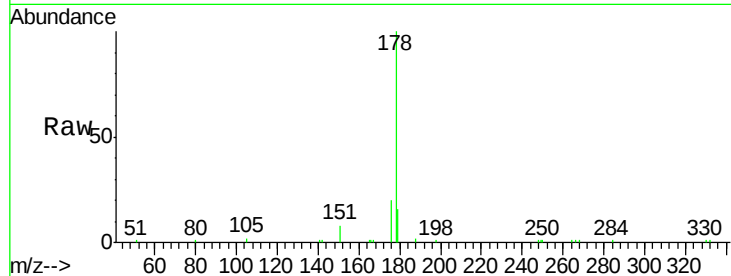
#23
Phenanthrene
Concen: 0.220 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW027-042219

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.6	23.4
179	15.3	12.0	18.0

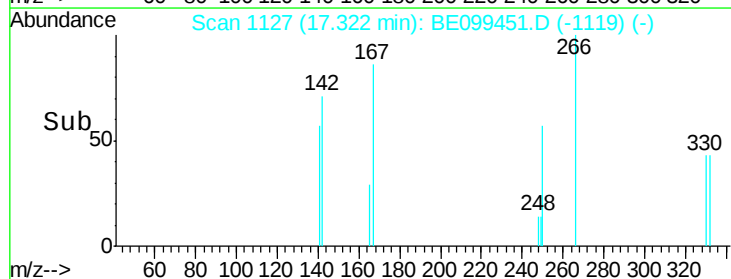
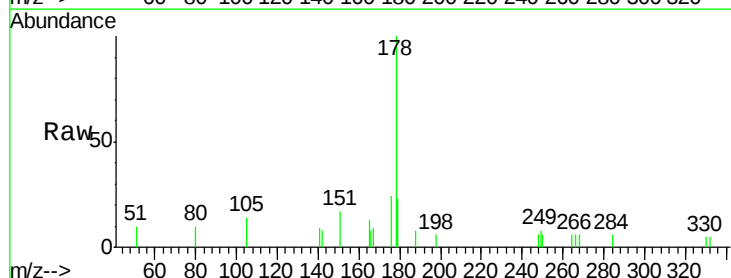
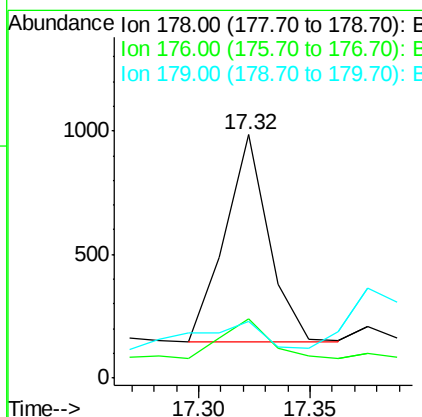
Manual Integrations
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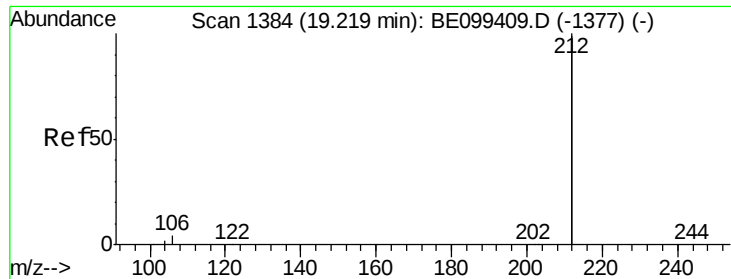
Sohil
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#24
Anthracene
Concen: 0.020 ng
RT: 17.32 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.7	14.9	22.3
179	21.7	11.9	17.9





#25

Fluoranthene-d10

Concen: 0.313 ng

RT: 19.22 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BE099451.D

Acq: 1 May 2019 6:38

Instrument :

BNA_E

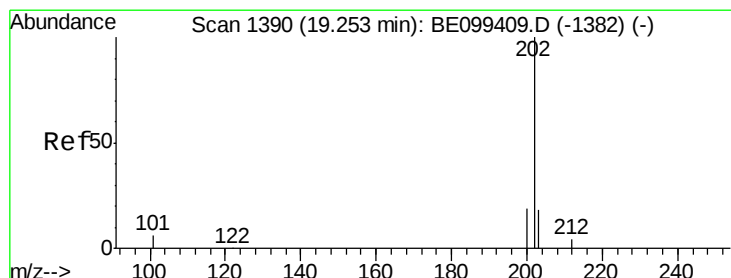
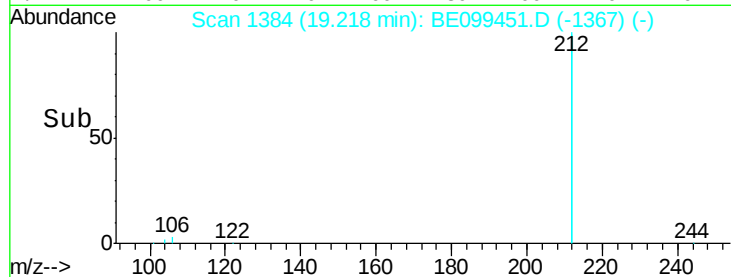
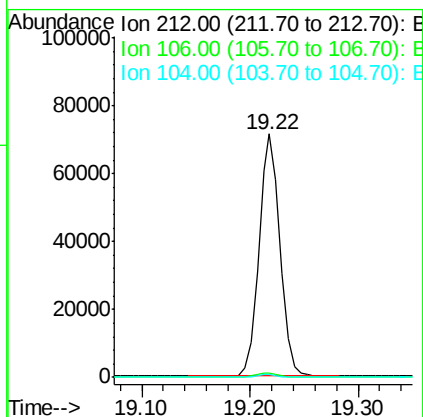
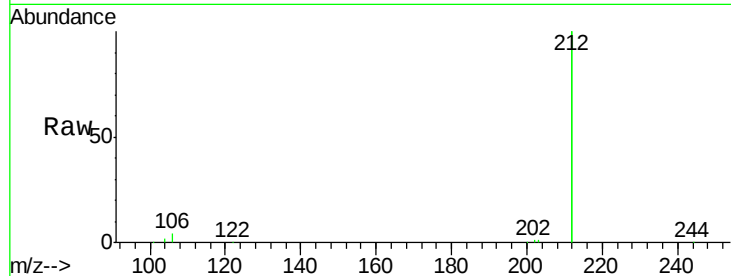
ClientSampleId :

EXT-026-SW027-042219

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

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#26

Fluoranthene

Concen: 0.344 ng

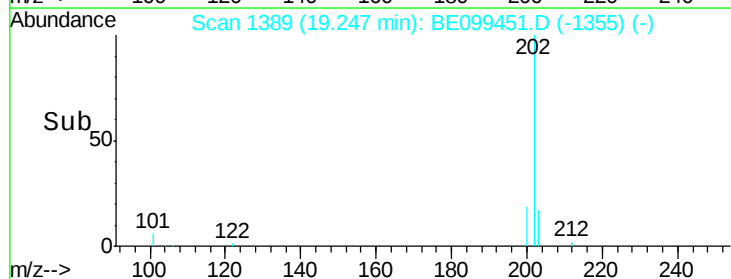
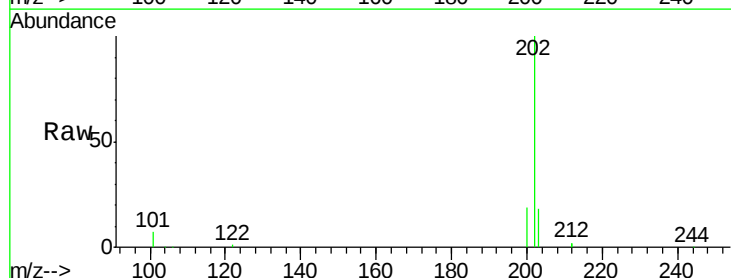
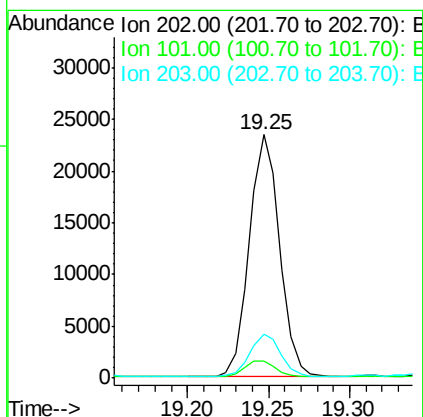
RT: 19.25 min Scan# 1389

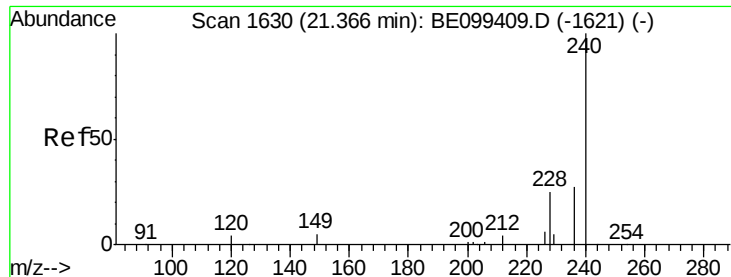
Delta R.T. -0.01 min

Lab File: BE099451.D

Acq: 1 May 2019 6:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.0	5.4	8.0
203	17.7	13.9	20.9





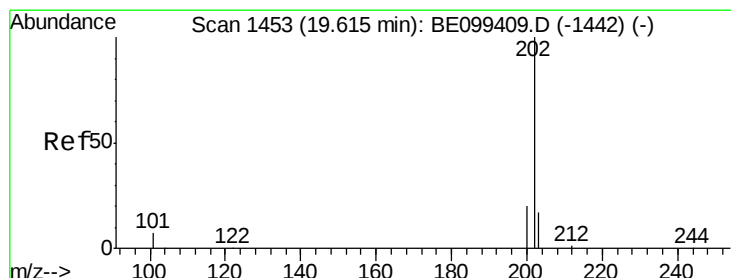
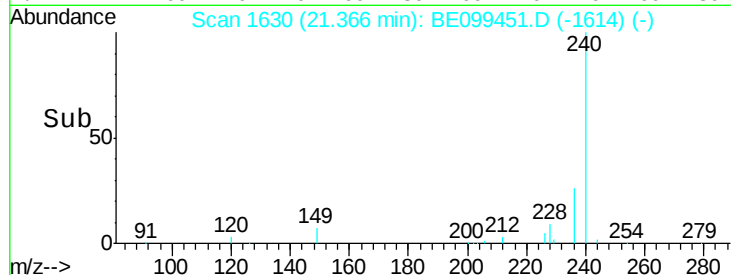
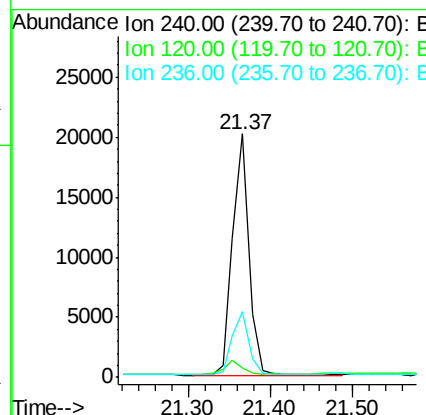
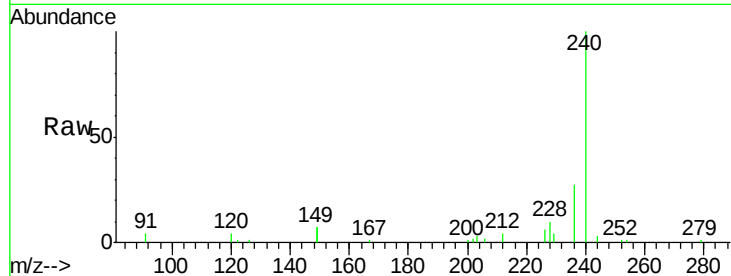
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW027-042219

Tgt Ion	Ratio	Lower	Upper
240	100		
120	3.9	4.0	6.0#
236	27.0	22.0	33.0

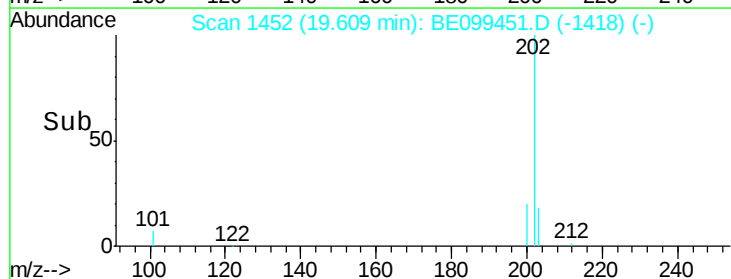
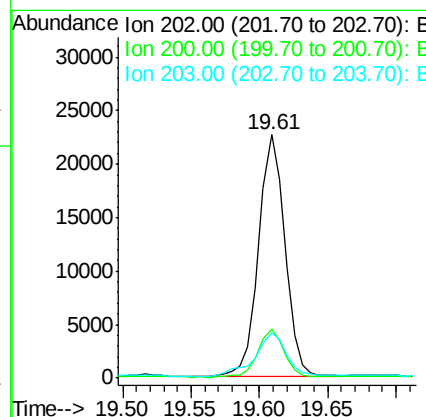
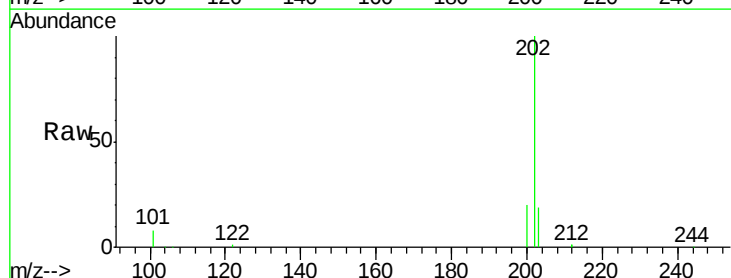
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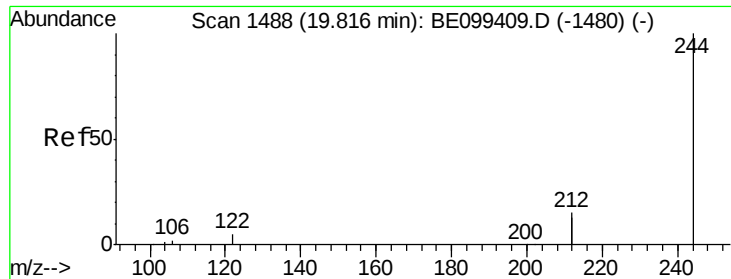
Sohil
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#28
Pyrene
Concen: 0.412 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.7	23.5
203	21.2	13.9	20.9#





#29

Terphenyl-d14

Concen: 0.396 ng

RT: 19.81 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE099451.D

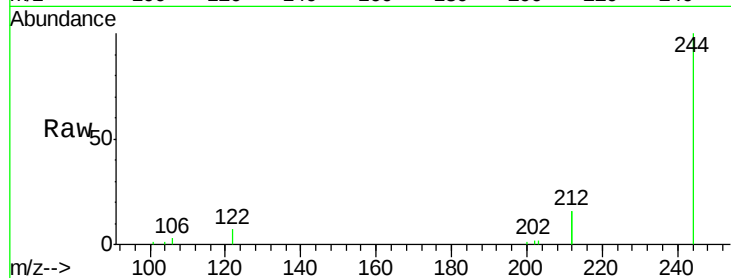
Acq: 1 May 2019 6:38

Instrument :

BNA_E

ClientSampleId :

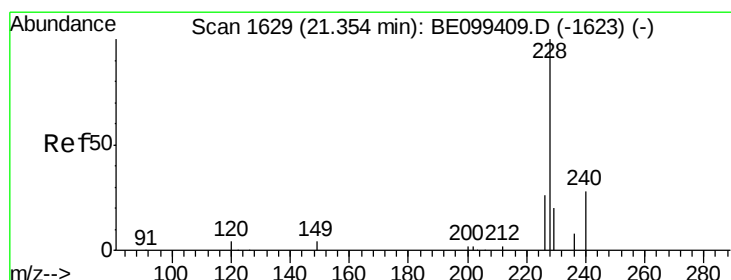
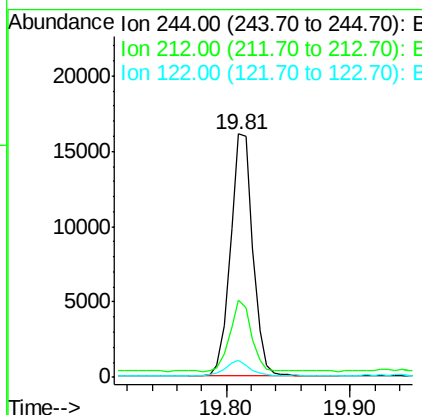
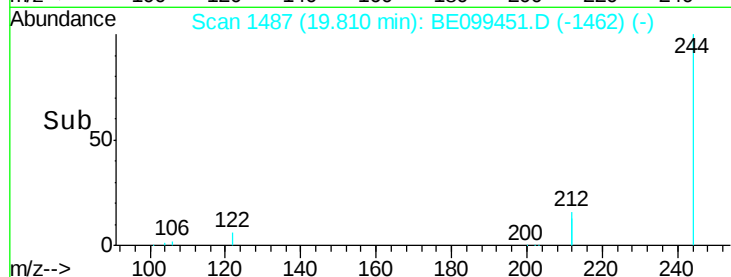
EXT-026-SW027-042219



Tgt Ion:	244	Resp:	20249
Ion Ratio	Lower	Upper	
244	100		
212	31.6	23.2	34.8
122	7.2	4.2	6.4

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#30

Benzo(a)anthracene

Concen: 0.168 ng

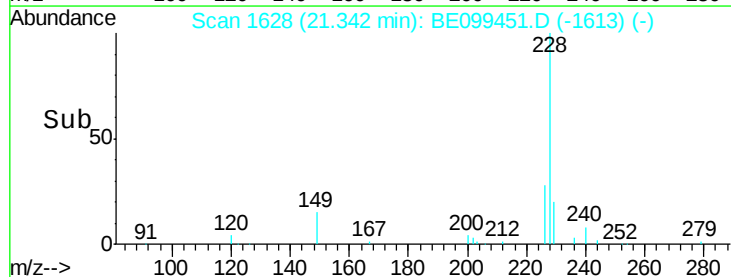
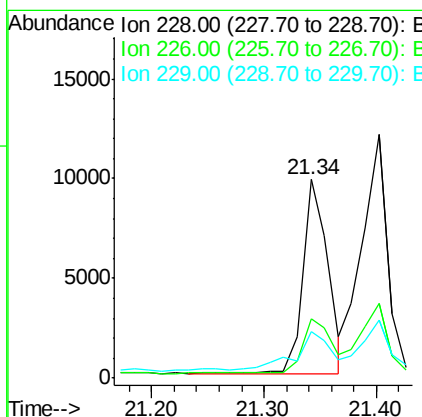
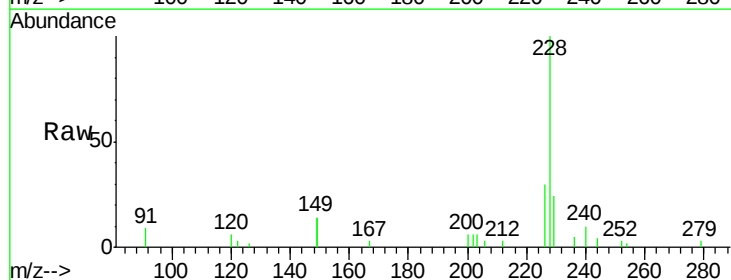
RT: 21.34 min Scan# 1628

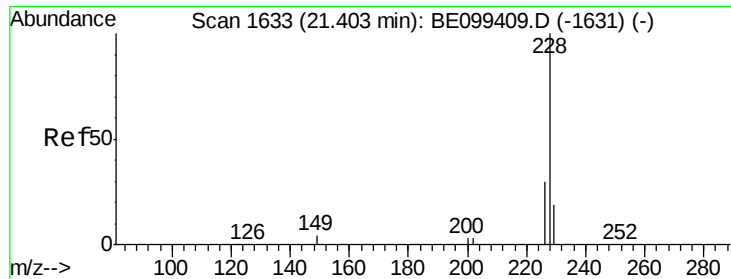
Delta R.T. -0.01 min

Lab File: BE099451.D

Acq: 1 May 2019 6:38

Tgt Ion:	228	Resp:	14966
Ion Ratio	Lower	Upper	
228	100		
226	29.8	21.0	31.6
229	23.7	16.6	25.0





#31

Chrysene

Concen: 0.223 ng m

RT: 21.40 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BE099451.D

Acq: 1 May 2019 6:38

Instrument :

BNA_E

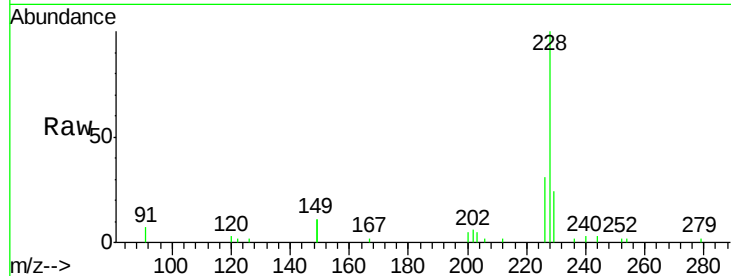
ClientSampleId :

EXT-026-SW027-042219

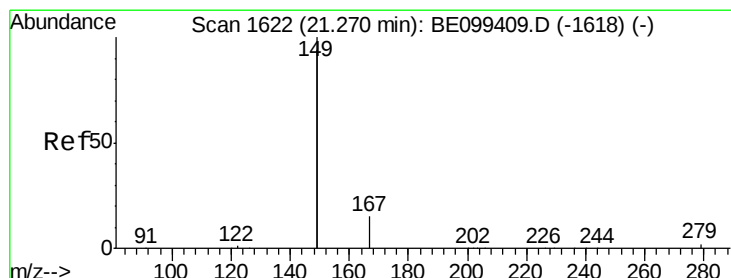
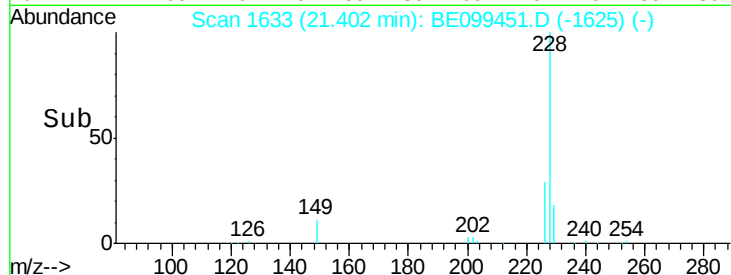
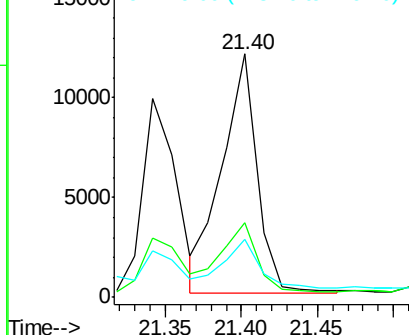
Tgt Ion:	228	Resp:	19402
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.0	36.0
229	23.8	15.8	23.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.133 ng

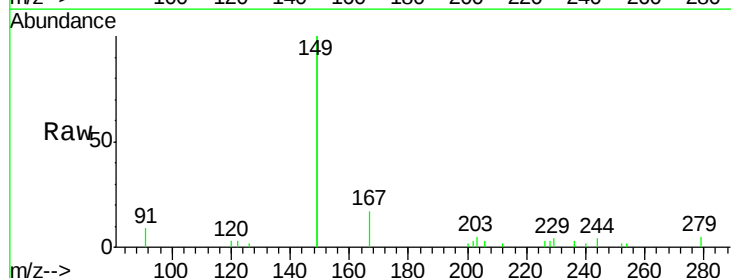
RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

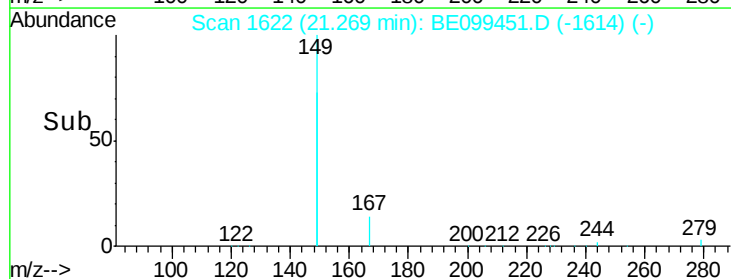
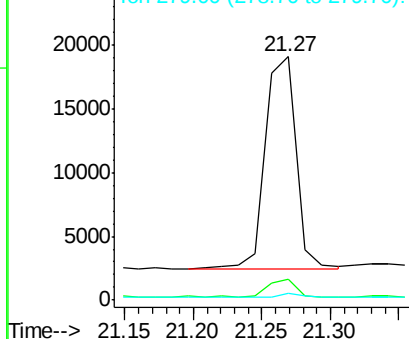
Lab File: BE099451.D

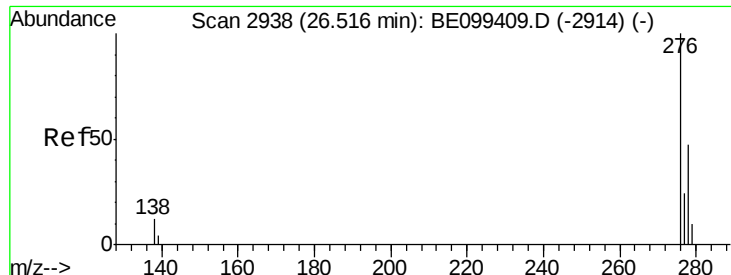
Acq: 1 May 2019 6:38

Tgt Ion:	149	Resp:	25656
Ion Ratio	Lower	Upper	
149	100		
167	7.5	5.8	8.6
279	1.7	1.0	1.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





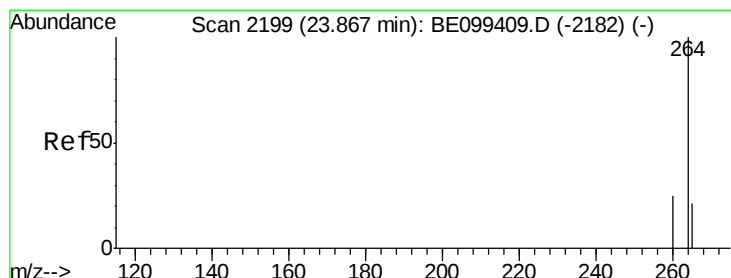
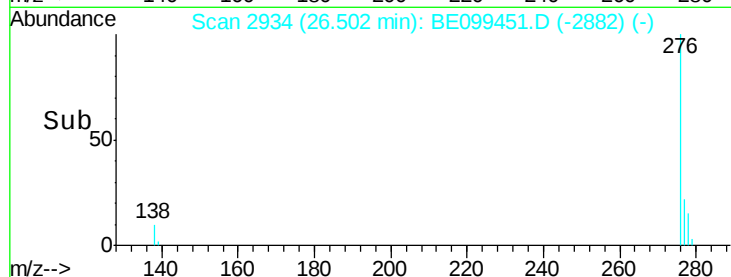
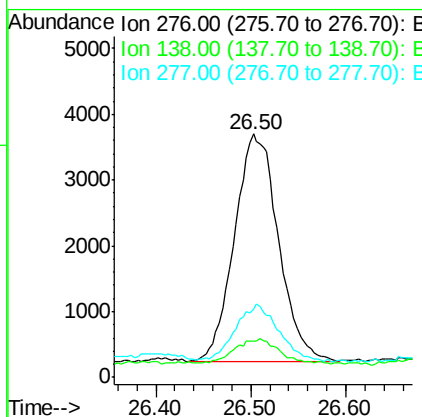
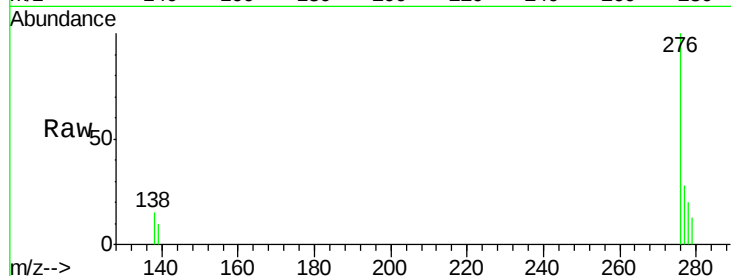
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.108 ng
RT: 26.50 min Scan# 2934
Delta R.T. -0.01 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW027-042219

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	10.5	10.2	15.2
277	25.6	19.2	28.8

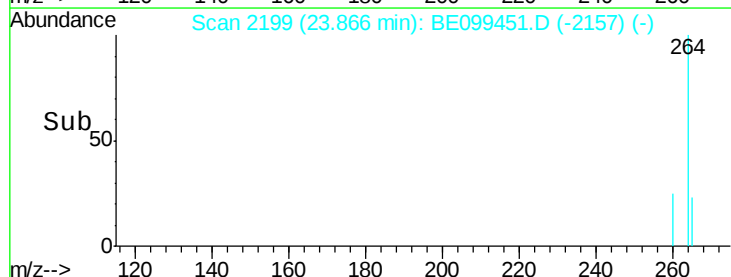
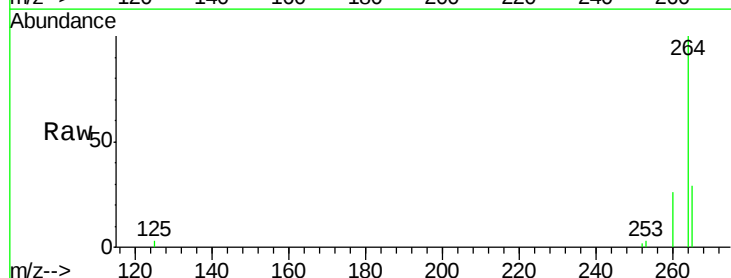
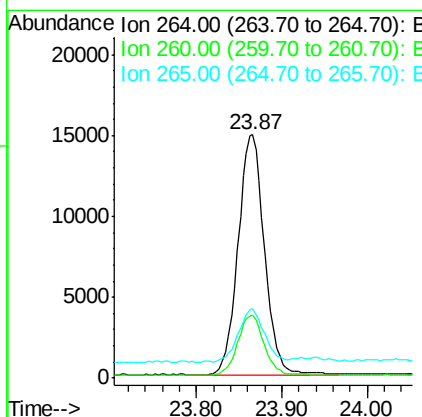
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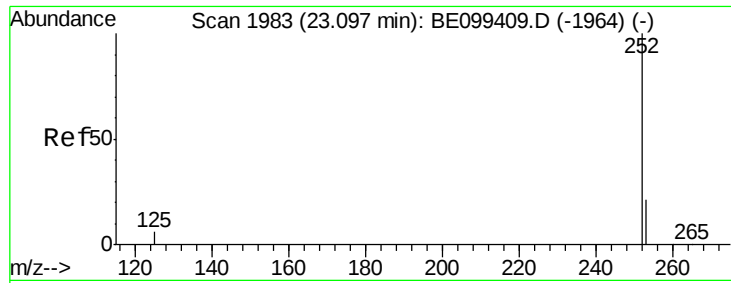
Sohil
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.87 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	25.9	20.2	30.2
265	28.5	21.3	31.9





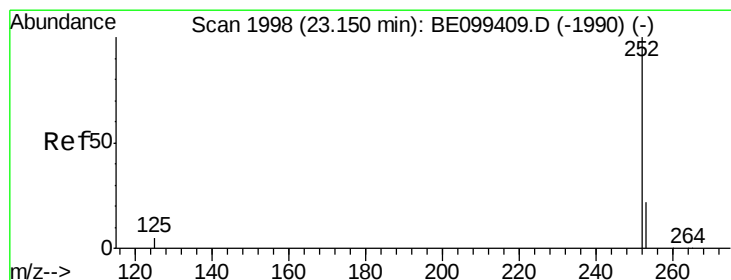
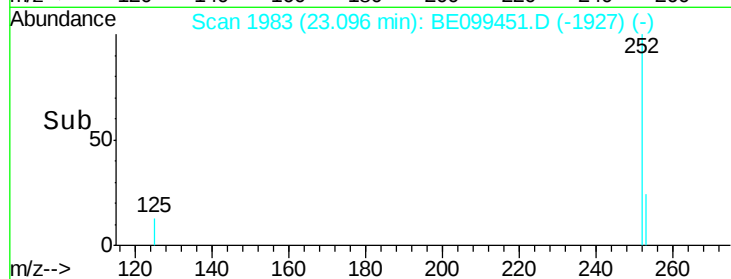
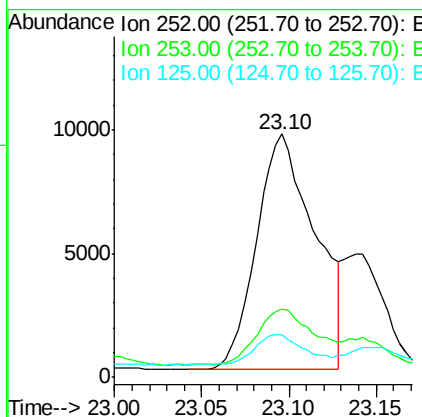
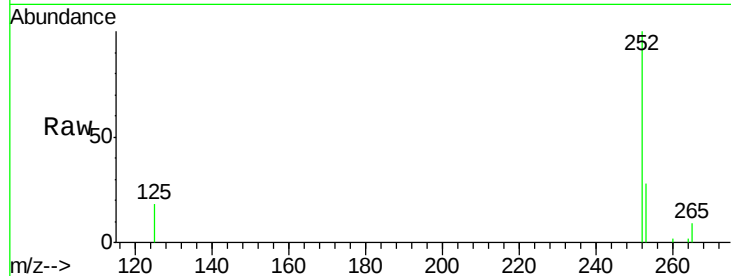
#35
Benzo(b)fluoranthene
Concen: 0.242 ng
RT: 23.10 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Instrument :
BNA_E
ClientSampled :
EXT-026-SW027-042219

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.3	18.1	27.1#
125	17.6	5.6	8.4#

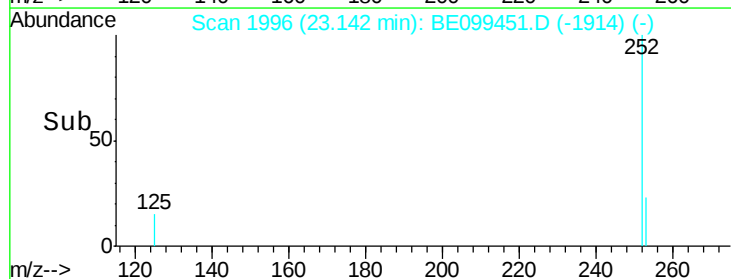
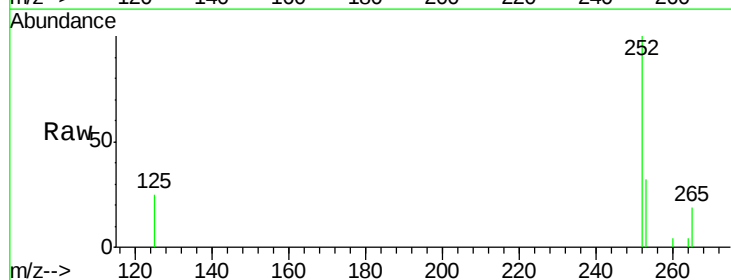
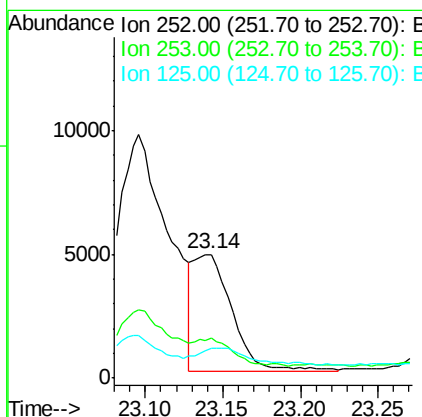
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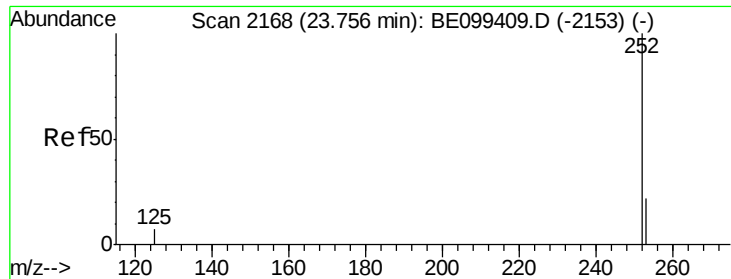
Sohil
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#36
Benzo(k)fluoranthene
Concen: 0.090 ng m
RT: 23.14 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.1	18.4	27.6#
125	24.5	5.0	7.4#





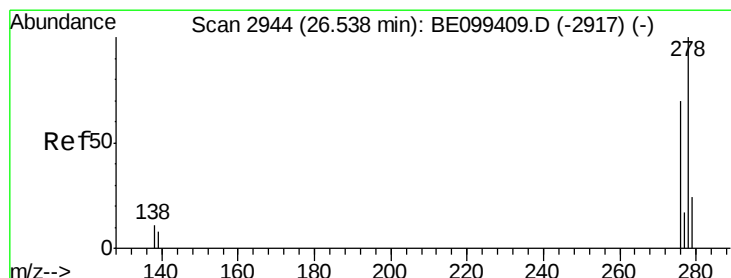
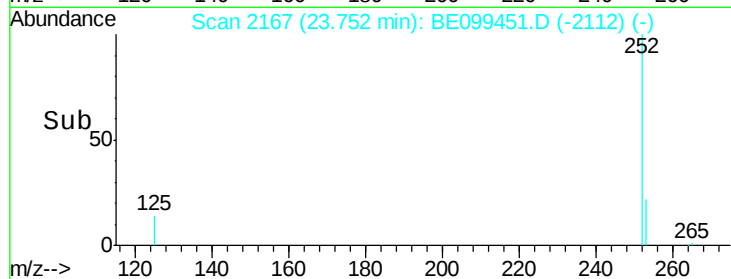
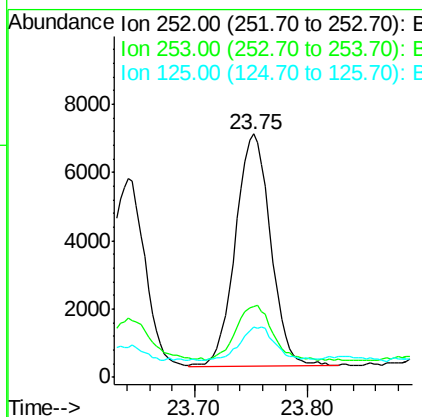
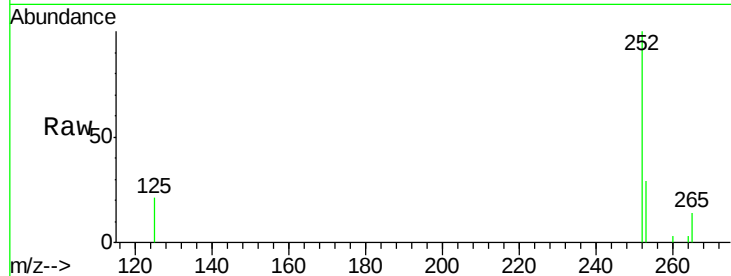
#37
Benzo(a)pyrene
Concen: 0.169 ng
RT: 23.75 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Instrument :
BNA_E
ClientSampleId :
EXT-026-SW027-042219

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.3	18.9	28.3#
125	20.6	6.7	10.1#

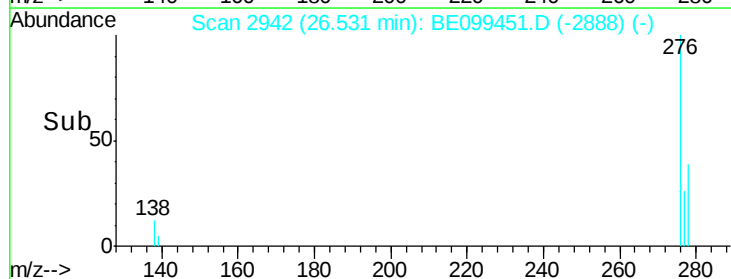
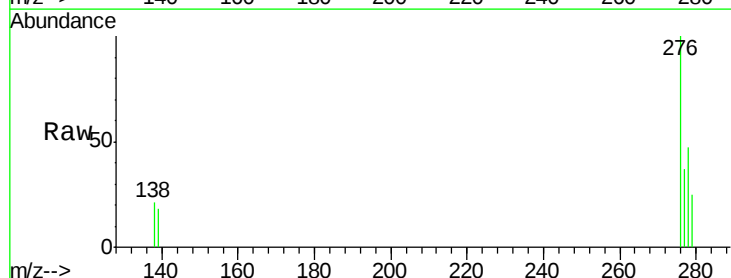
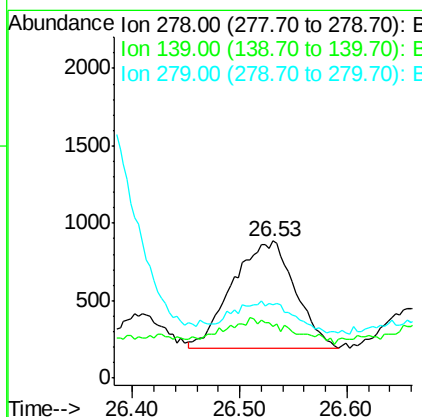
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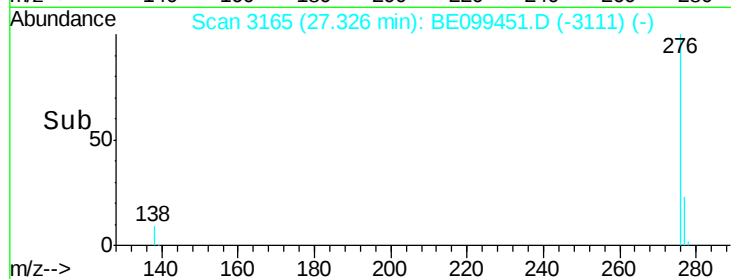
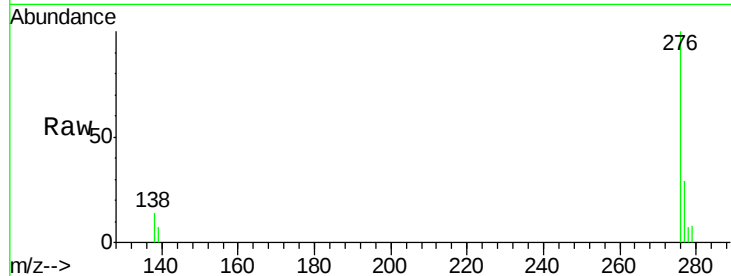
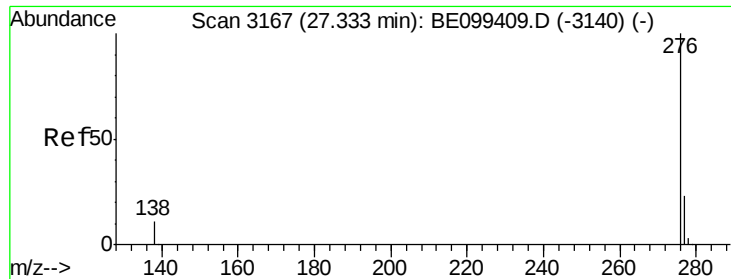
Sohil
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#38
Dibenzo(a,h)anthracene
Concen: 0.032 ng
RT: 26.53 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BE099451.D
Acq: 1 May 2019 6:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	37.7	7.7	11.5#
279	53.8	20.2	30.2#





#39

Benzo(g,h,i)perylene

Concen: 0.129 ng

RT: 27.33 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BE099451.D

Acq: 1 May 2019 6:38

Instrument :

BNA_E

ClientSampleId :

EXT-026-SW027-042219

Tgt	Ion	Ratio	Resp:	Lower	Upper
276	100		11503		
277	28.8	19.5	29.3		
138	14.5	9.6	14.4#		

Manual Integrations
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