

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE033121\
 Data File : BE101167.D
 Acq On : 31 Mar 2021 18:15
 Operator : CG/JU
 Sample : M1843-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE117D1-20210325

Quant Time: Mar 31 18:56:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE032421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 31 11:11:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

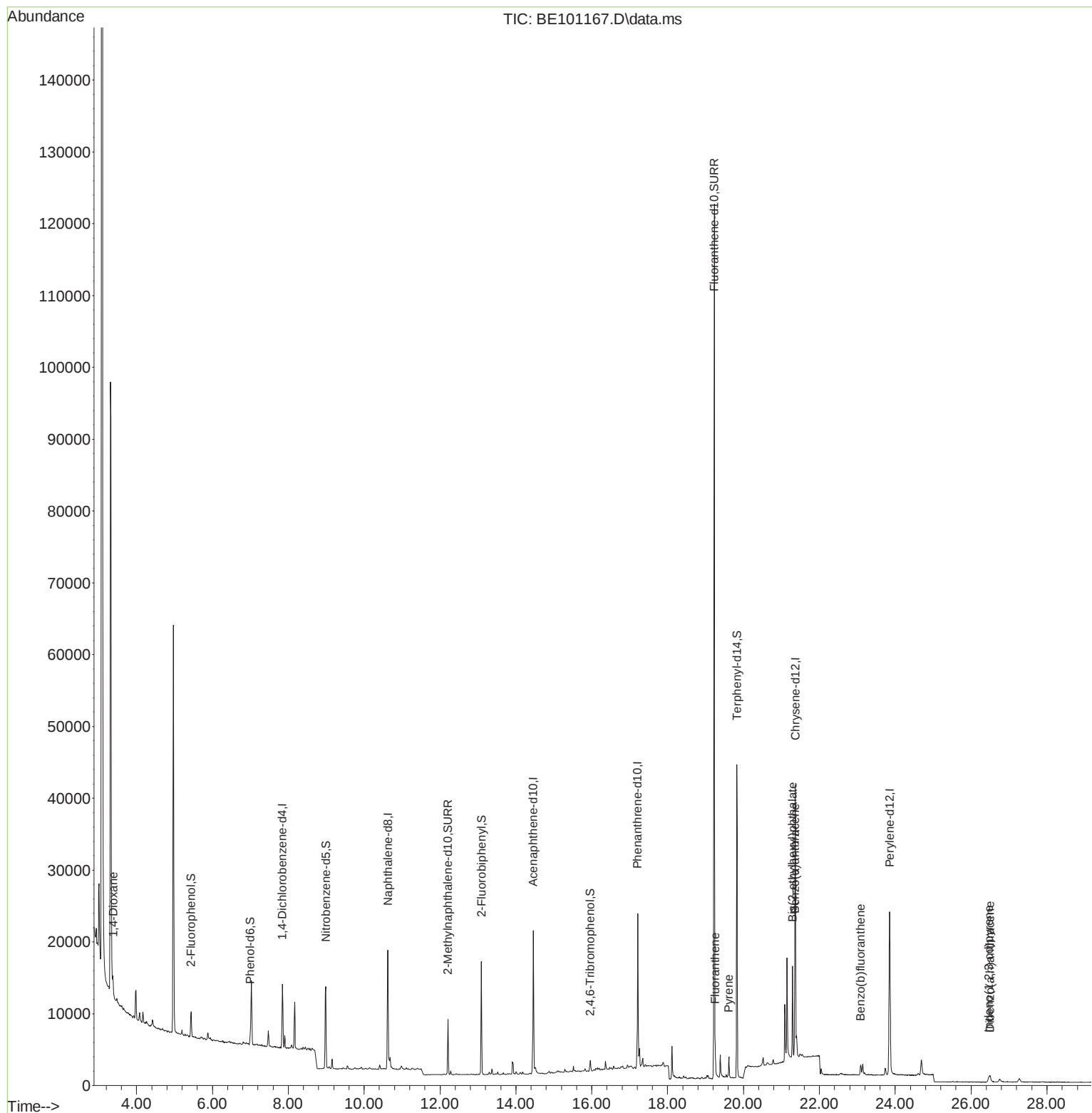
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	3952	0.40	ng	0.00
7) Naphthalene-d8	10.627	136	17261	0.40	ng	#-0.01
13) Acenaphthene-d10	14.457	164	11435	0.40	ng	-0.01
19) Phenanthrene-d10	17.212	188	28135	0.40	ng	#-0.01
29) Chrysene-d12	21.365	240	36326	0.40	ng	#-0.01
36) Perylene-d12	23.851	264	34328	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1710	0.18	ng	0.00
5) Phenol-d6	7.001	99	1488	0.10	ng	0.00
8) Nitrobenzene-d5	8.990	82	4606	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.210	152	9308	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	757	0.37	ng	-0.01
15) 2-Fluorobiphenyl	13.088	172	13457	0.31	ng	-0.01
27) Fluoranthene-d10	19.227	212	159047	0.45	ng	0.00
31) Terphenyl-d14	19.824	244	37617	0.46	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.385	88	1581	0.25	ng	# 74
28) Fluoranthene	19.256	202	2205	0.02	ng	# 93
30) Pyrene	19.618	202	2718	0.03	ng	97
32) Benzo(a)anthracene	21.353	228	2206	0.02	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.293	149	14000	0.23	ng	98
35) Indeno(1,2,3-cd)pyrene	26.470	276	1518	0.02	ng	# 84
37) Benzo(b)fluoranthene	23.092	252	2034	0.02	ng	# 58
40) Dibenzo(a,h)anthracene	26.502	278	1268	0.12	ng	# 65

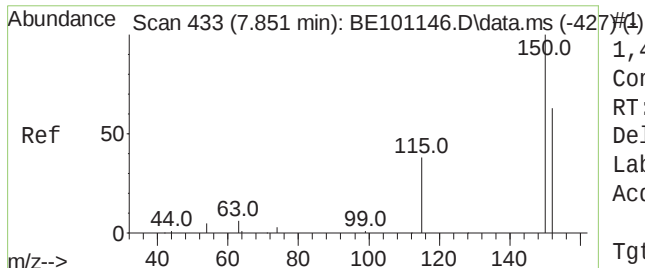
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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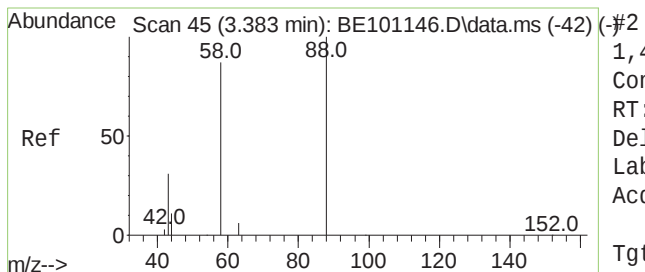
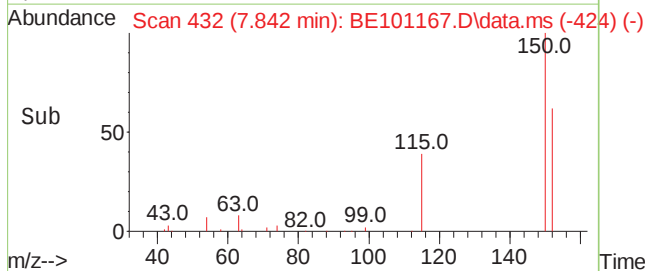
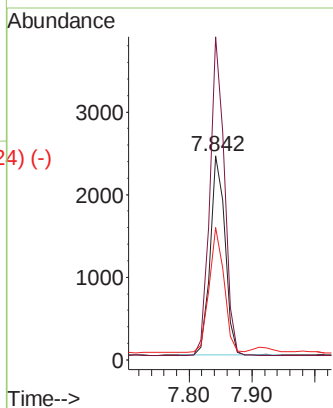
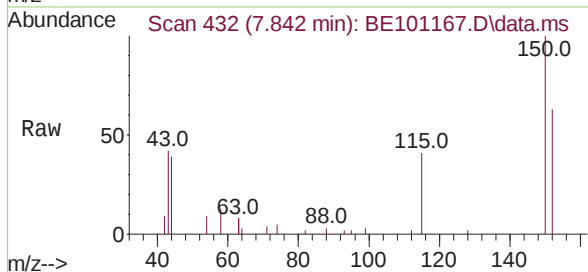




1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.842 min Scan# 432
Delta R.T. -0.009 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

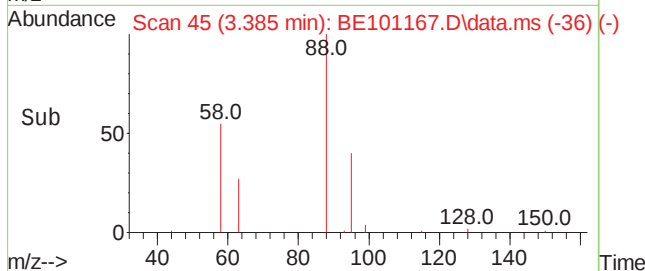
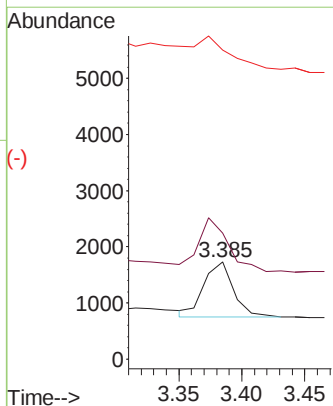
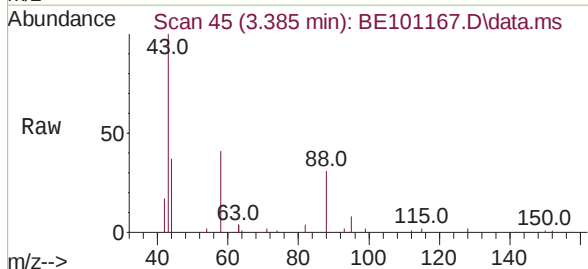
Instrument :
BNA_E
ClientSampleId :
RE117D1-20210325

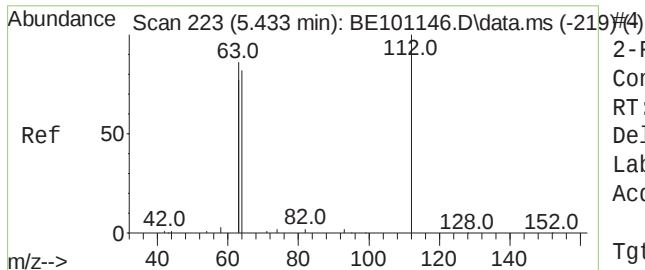
Tgt Ion:152 Resp: 3952
Ion Ratio Lower Upper
152 100
150 158.6 126.3 189.5
115 64.9 48.9 73.3



1,4-Dioxane
Concen: 0.25 ng
RT: 3.385 min Scan# 45
Delta R.T. 0.002 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

Tgt Ion: 88 Resp: 1581
Ion Ratio Lower Upper
88 100
58 97.6 68.5 102.7
43 0.0 27.2 40.8#

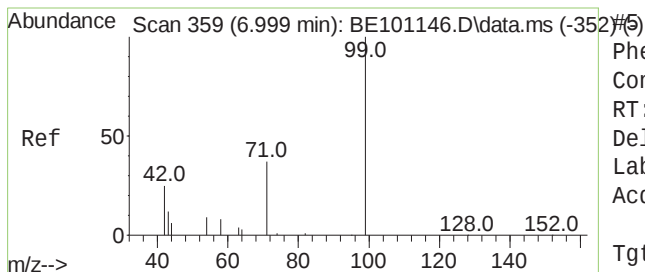
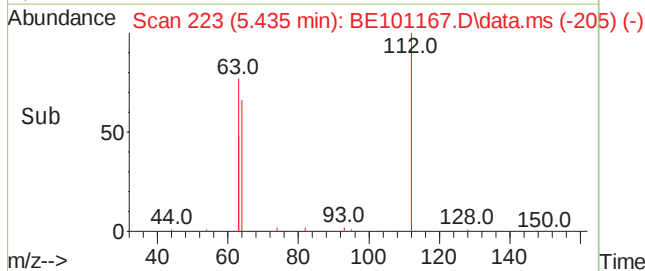
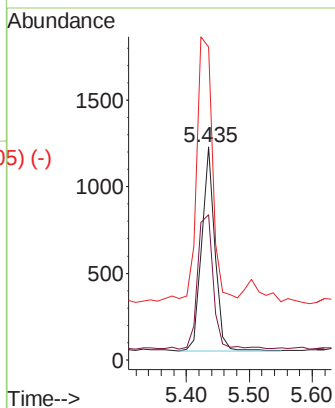
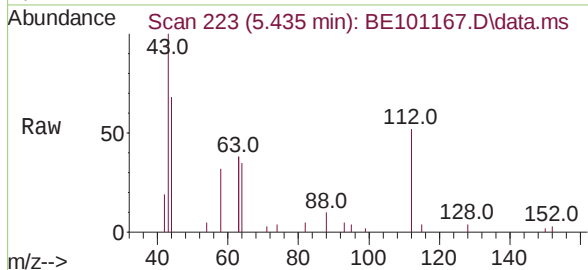




2-Fluorophenol
 Concen: 0.18 ng
 RT: 5.435 min Scan# 223
 Delta R.T. 0.002 min
 Lab File: BE101167.D
 Acq: 31 Mar 2021 18:15

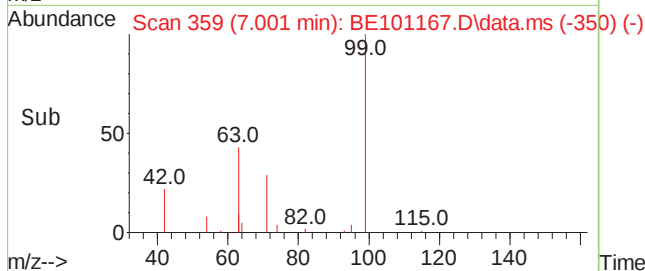
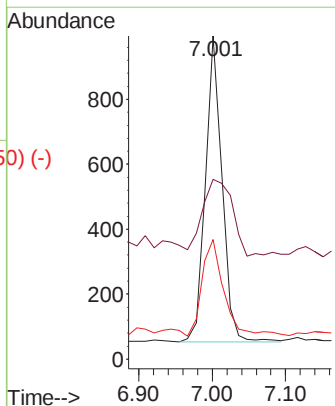
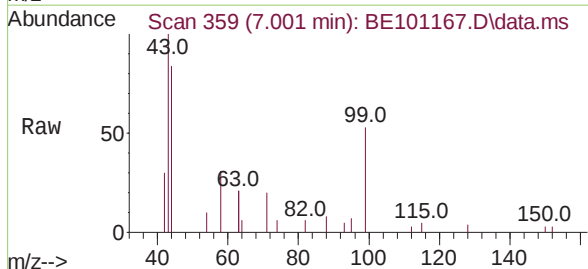
Instrument :
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 ClientSampleId :
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Tgt Ion:112 Resp: 1710
 Ion Ratio Lower Upper
 112 100
 64 77.3 60.8 91.2
 63 159.5 119.4 179.0

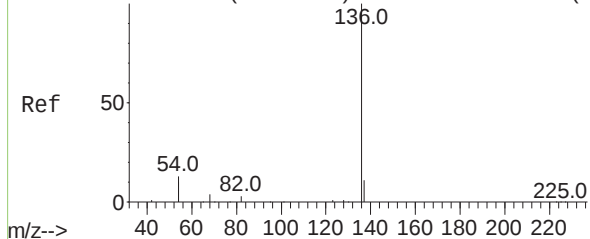


Phenol-d6
 Concen: 0.10 ng
 RT: 7.001 min Scan# 359
 Delta R.T. 0.002 min
 Lab File: BE101167.D
 Acq: 31 Mar 2021 18:15

Tgt Ion: 99 Resp: 1488
 Ion Ratio Lower Upper
 99 100
 42 43.3 18.8 28.2#
 71 41.8 26.3 39.5#



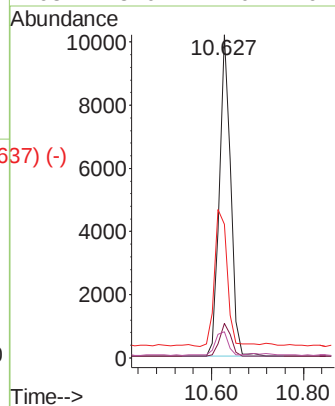
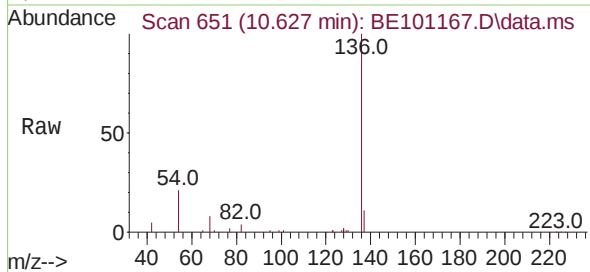
Abundance Scan 652 (10.640 min): BE101146.D\data.ms (-6447-)



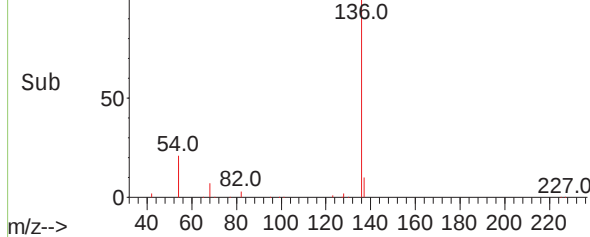
Naphthalene-d8
Concen: 0.40 ng
RT: 10.627 min Scan# 651
Delta R.T. -0.013 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

Instrument :
BNA_E
ClientSampleId :
RE117D1-20210325

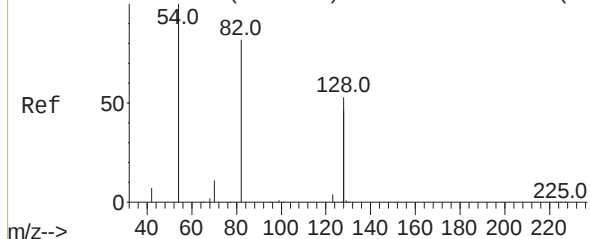
Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	41.4	20.2	30.4#
68	8.0	4.0	6.0#



Abundance Scan 651 (10.627 min): BE101167.D\data.ms (-637-)

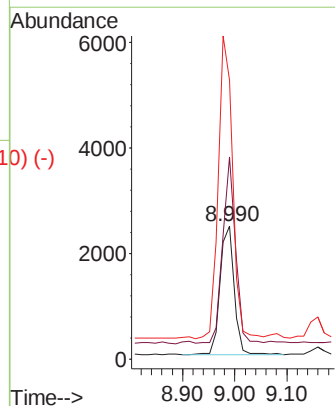
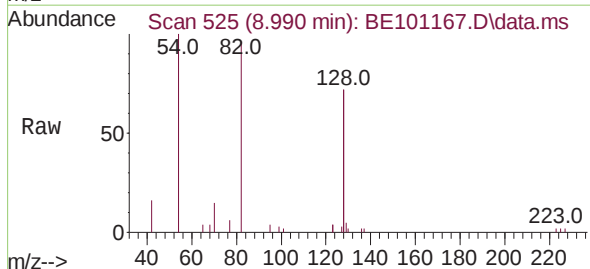


Abundance Scan 525 (8.991 min): BE101146.D\data.ms (-5227-)

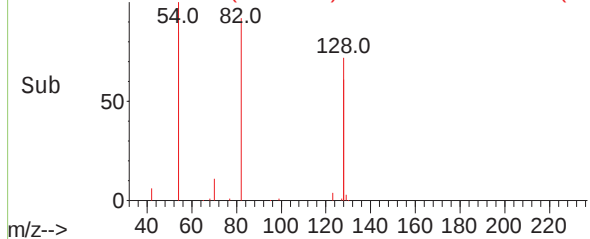


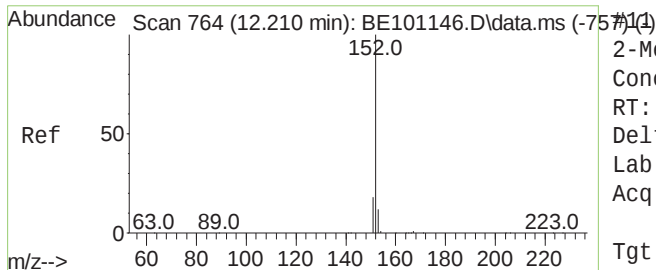
Nitrobenzene-d5
Concen: 0.45 ng
RT: 8.990 min Scan# 525
Delta R.T. -0.000 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

Tgt Ion	Ratio	Lower	Upper
82	100		
128	151.4	101.5	152.3
54	209.4	189.8	284.6



Abundance Scan 525 (8.990 min): BE101167.D\data.ms (-510-)

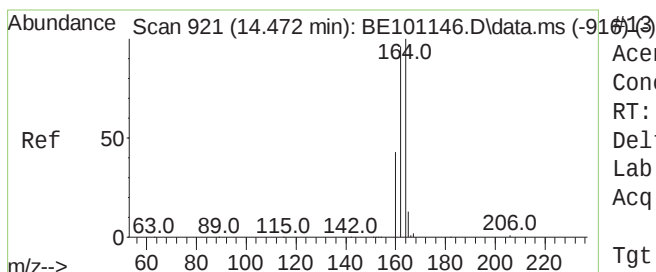
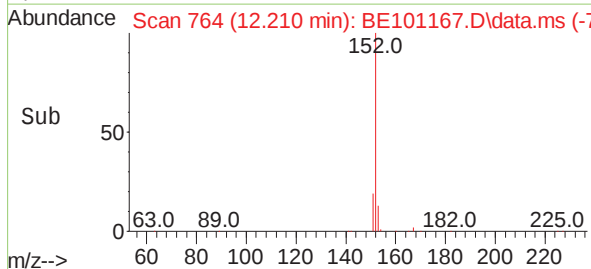
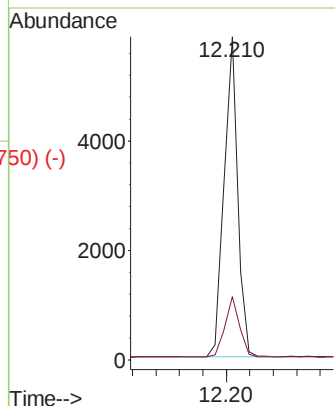
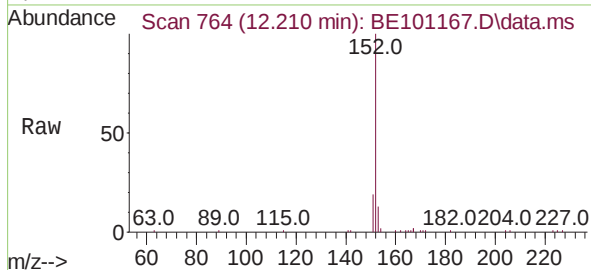




2-Methylnaphthalene-d10
Concen: 0.33 ng
RT: 12.210 min Scan# 764
Delta R.T. -0.000 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

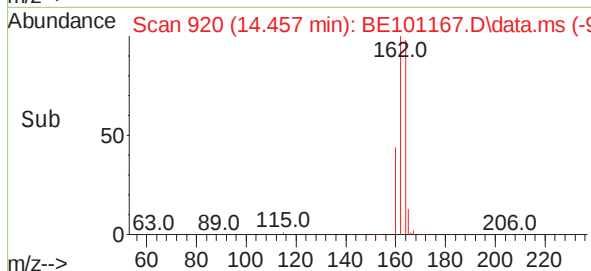
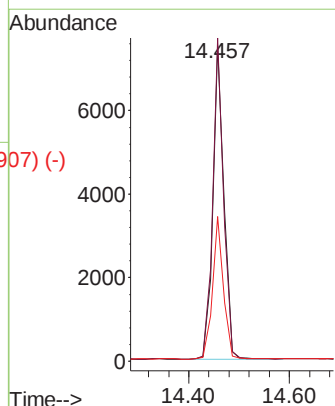
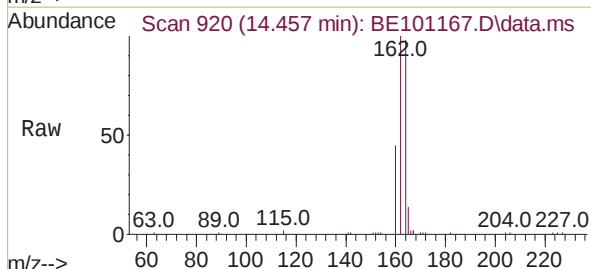
Instrument :
BNA_E
ClientSampleId :
RE117D1-20210325

Tgt Ion:152 Resp: 9308
Ion Ratio Lower Upper
152 100
151 20.3 16.6 24.8



Acenaphthene-d10
Concen: 0.40 ng
RT: 14.457 min Scan# 920
Delta R.T. -0.015 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

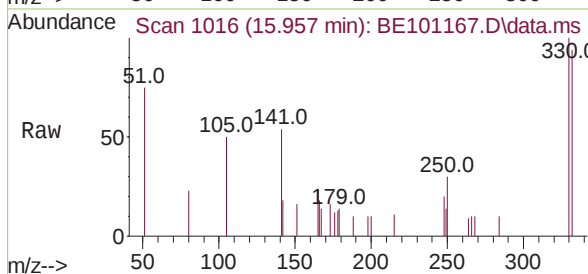
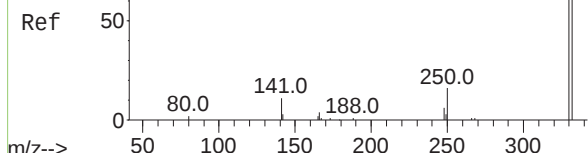
Tgt Ion:164 Resp: 11435
Ion Ratio Lower Upper
164 100
162 102.4 76.6 115.0
160 45.8 34.5 51.7



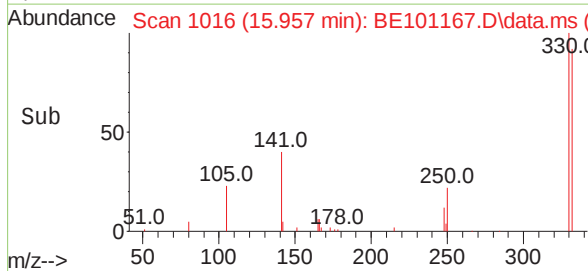
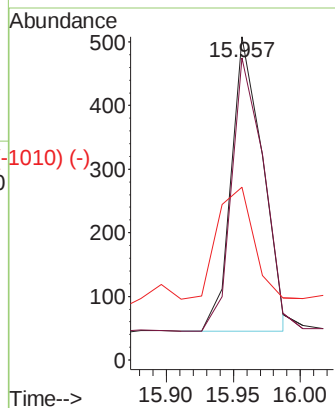
Abundance Scan 1017 (15.970 min): BE101146.D\data.ms (-1013) (-)

2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.957 min Scan# 1016
Delta R.T. -0.014 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

Instrument :
BNA_E
ClientSampleId :
RE117D1-20210325

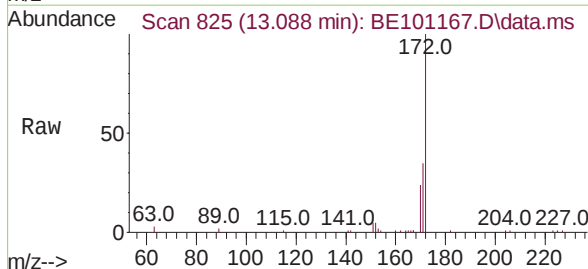
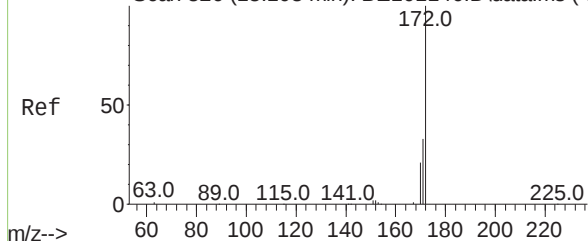


Tgt Ion:	330	Resp:	757
Ion Ratio	Lower	Upper	
330	100		
332	95.0	69.1	103.7
141	46.1	30.6	45.8#

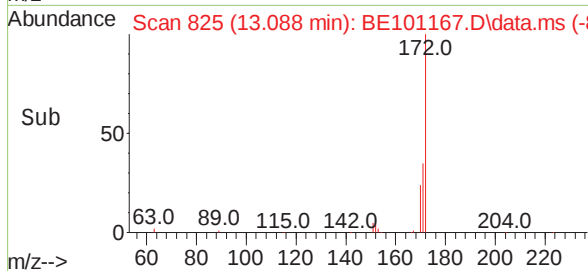
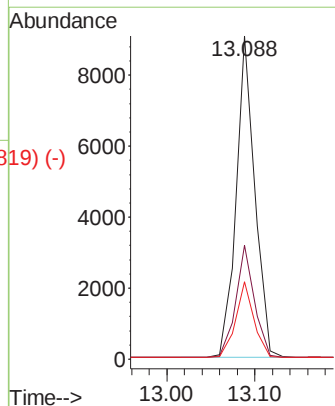


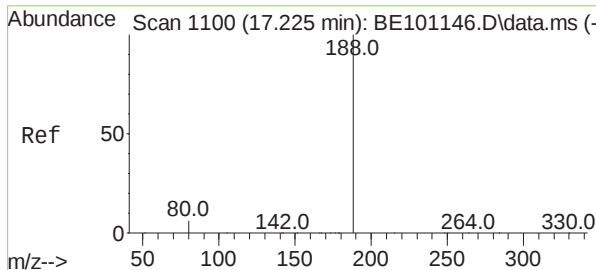
Abundance Scan 826 (13.103 min): BE101146.D\data.ms (-821) (-)

2-Fluorobiphenyl
Concen: 0.31 ng
RT: 13.088 min Scan# 825
Delta R.T. -0.015 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15



Tgt Ion:	172	Resp:	13457
Ion Ratio	Lower	Upper	
172	100		
171	35.2	26.4	39.6
170	24.0	17.4	26.0

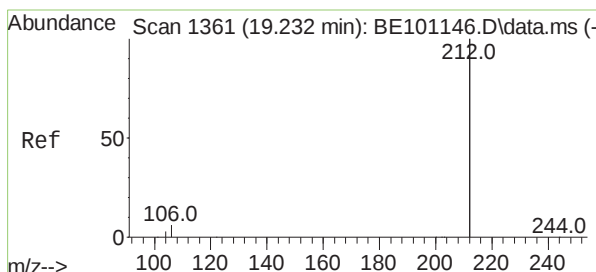
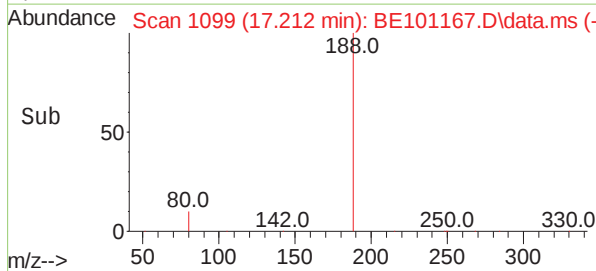
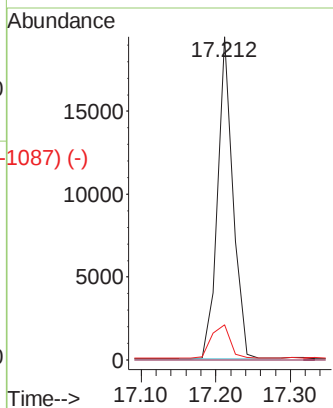
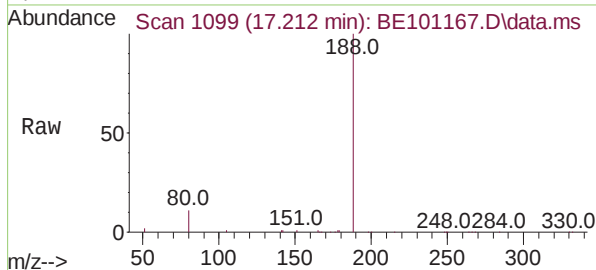




Phenanthrene-d10
 Concen: 0.40 ng
 RT: 17.212 min Scan# 1099
 Delta R.T. -0.014 min
 Lab File: BE101167.D
 Acq: 31 Mar 2021 18:15

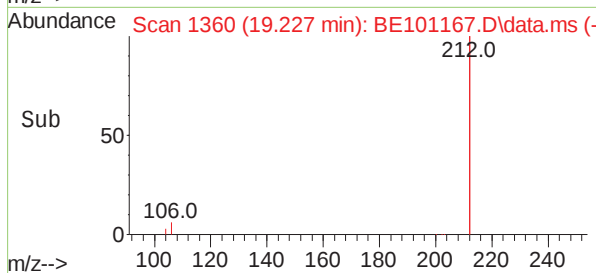
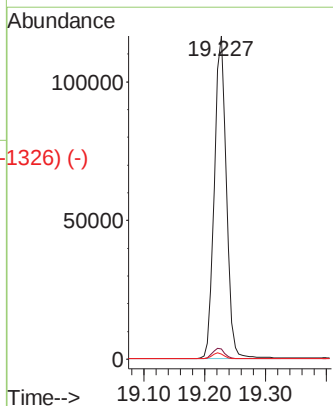
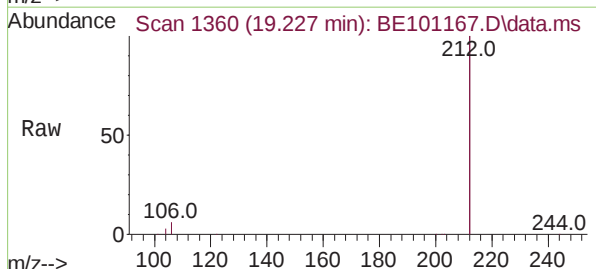
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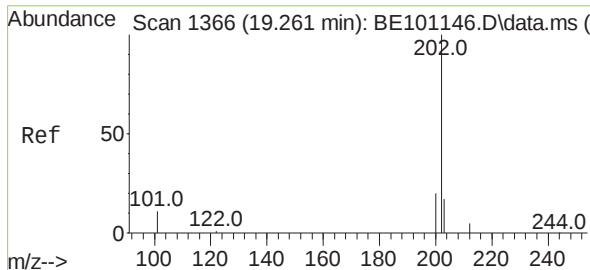
Tgt Ion:	188	Resp:	28135
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.9	4.8	7.2#



Fluoranthene-d10
 Concen: 0.45 ng
 RT: 19.227 min Scan# 1360
 Delta R.T. -0.005 min
 Lab File: BE101167.D
 Acq: 31 Mar 2021 18:15

Tgt Ion:	212	Resp:	159047
Ion Ratio	Lower	Upper	
212	100		
106	3.4	2.6	3.8
104	1.9	1.4	2.2

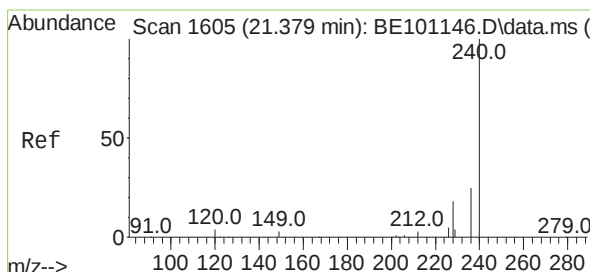
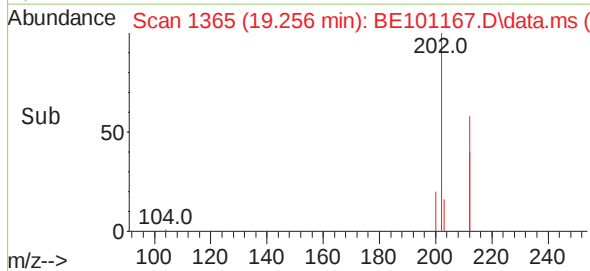
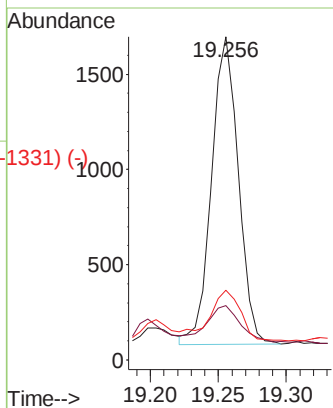
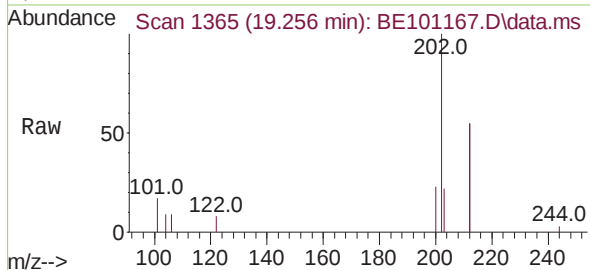




Fluoranthene
Concen: 0.02 ng
RT: 19.256 min Scan# 1365
Delta R.T. -0.005 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

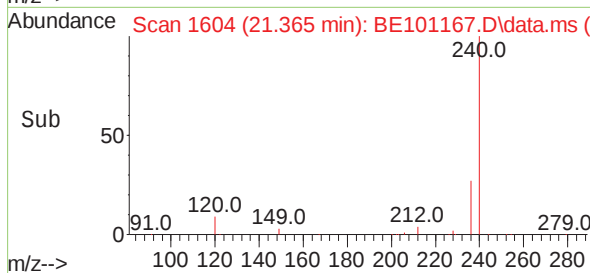
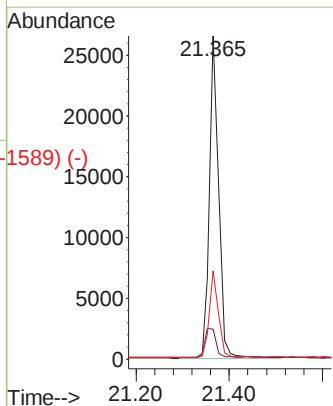
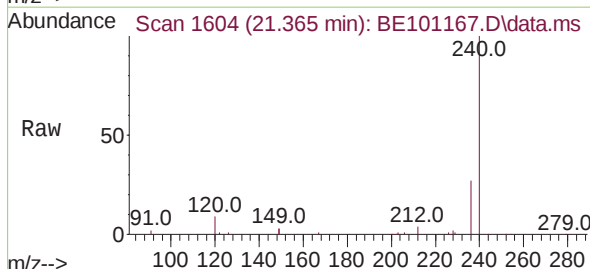
Instrument :
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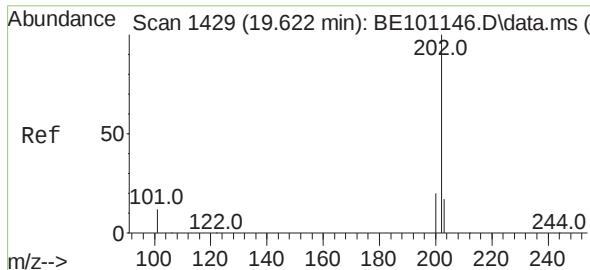
Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.1	8.9	13.3#
203	18.2	13.8	20.6



Chrysene-d12
Concen: 0.40 ng
RT: 21.365 min Scan# 1604
Delta R.T. -0.013 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	4.1	6.1#
236	27.2	20.3	30.5

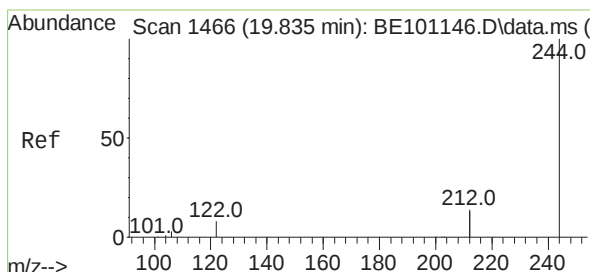
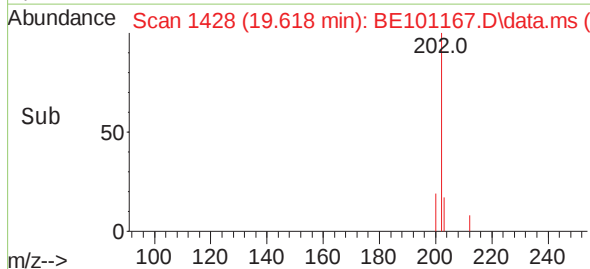
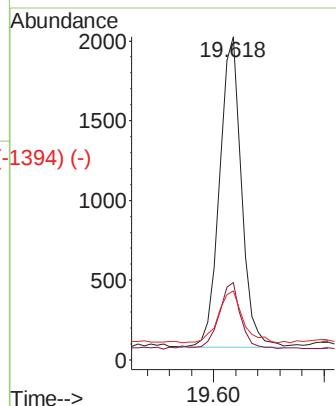
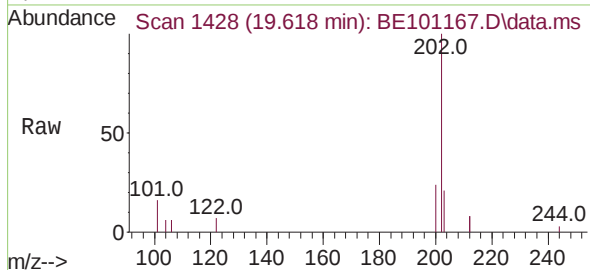




Pyrene
Concen: 0.03 ng
RT: 19.618 min Scan# 1428
Delta R.T. -0.005 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

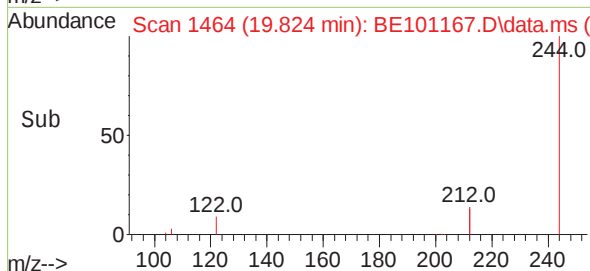
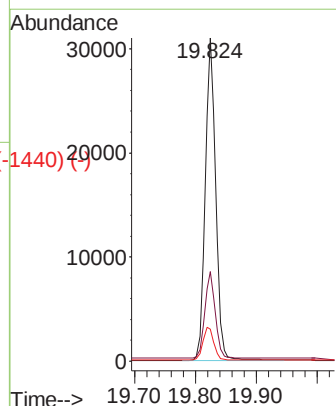
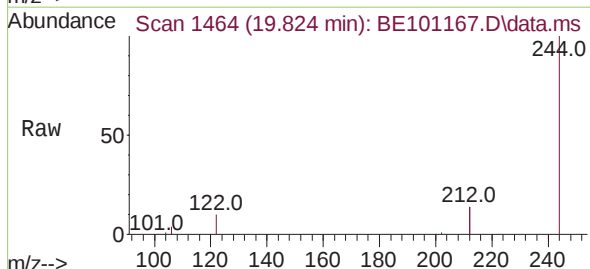
Instrument :
BNA_E
ClientSampleId :
RE117D1-20210325

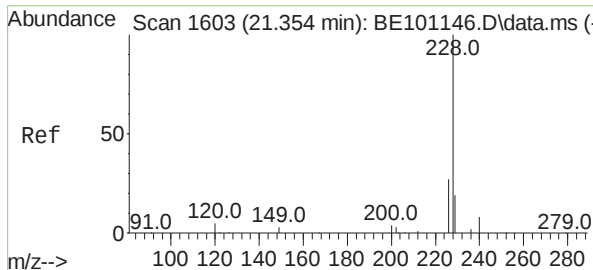
Tgt Ion:	202	Resp:	2718
Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.2	24.2
203	18.7	13.9	20.9



Terphenyl-d14
Concen: 0.46 ng
RT: 19.824 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

Tgt Ion:	244	Resp:	37617
Ion	Ratio	Lower	Upper
244	100		
212	27.7	21.7	32.5
122	9.8	6.6	10.0

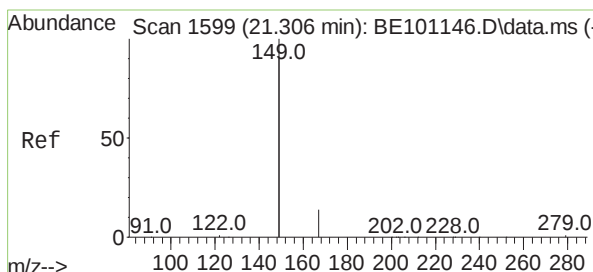
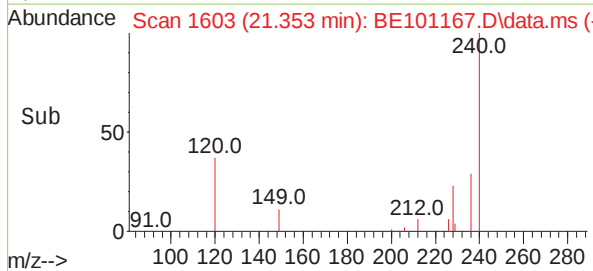
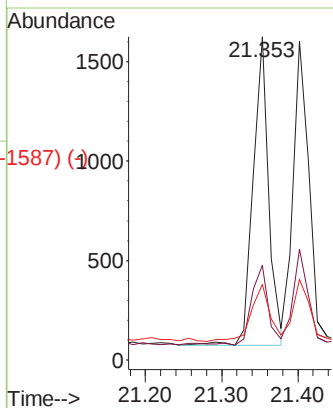
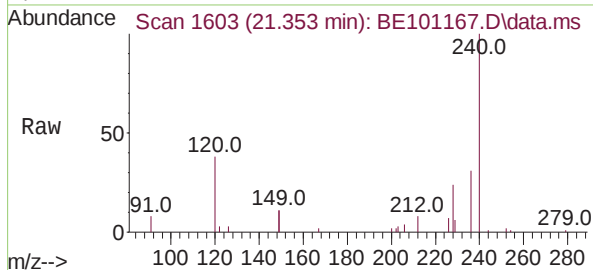




Scan 1603 (21.354 min): BE101146.D\data.ms (-1584) (-)
 Benzo(a)anthracene
 Concen: 0.02 ng
 RT: 21.353 min Scan# 1603
 Delta R.T. -0.001 min
 Lab File: BE101167.D
 Acq: 31 Mar 2021 18:15

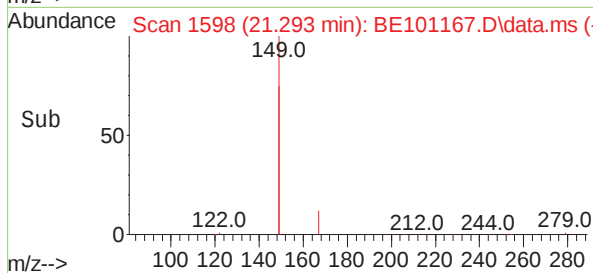
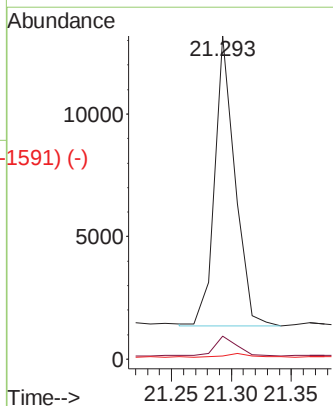
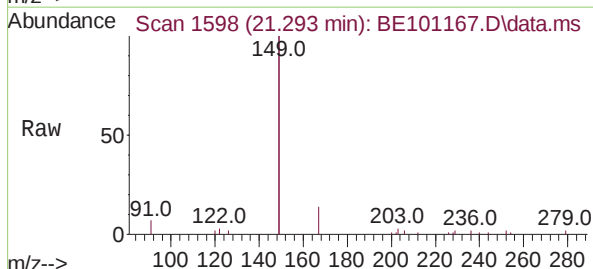
Instrument :
 BNA_E
 ClientSampleId :
 RE117D1-20210325

Tgt Ion:	228	Resp:	2206
Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.8	32.8
229	23.2	15.4	23.0#

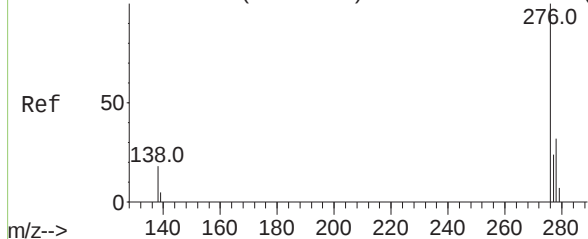


Scan 1599 (21.306 min): BE101146.D\data.ms (-1583) (-)
 Bis(2-ethylhexyl)phthalate
 Concen: 0.23 ng
 RT: 21.293 min Scan# 1598
 Delta R.T. -0.013 min
 Lab File: BE101167.D
 Acq: 31 Mar 2021 18:15

Tgt Ion:	149	Resp:	14000
Ion	Ratio	Lower	Upper
149	100		
167	7.6	5.4	8.2
279	1.3	0.9	1.3



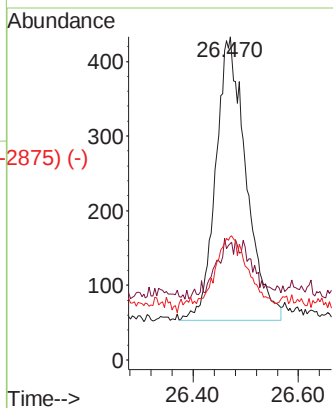
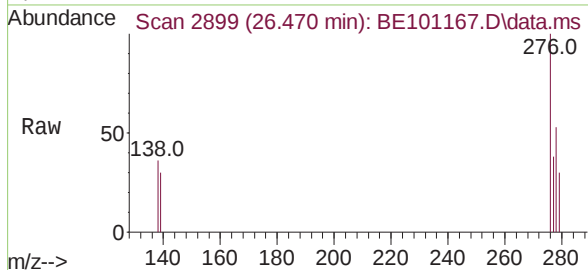
Abundance Scan 2903 (26.484 min): BE101146.D\data.ms (-2875) (-)



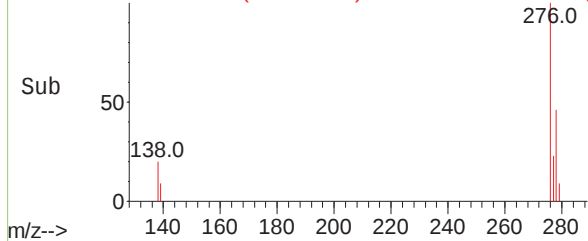
Indeno(1,2,3-cd)pyrene
Concen: 0.02 ng
RT: 26.470 min Scan# 2899
Delta R.T. -0.014 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

Instrument :
BNA_E
ClientSampleId :
RE117D1-20210325

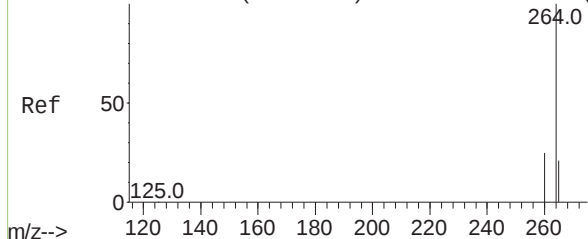
Tgt Ion:	276	Resp:	1518
Ion	Ratio	Lower	Upper
276	100		
138	6.0	17.1	25.7#
277	24.0	19.8	29.8



Abundance Scan 2899 (26.470 min): BE101167.D\data.ms (-2875) (-)

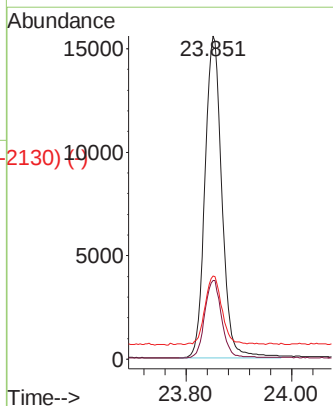
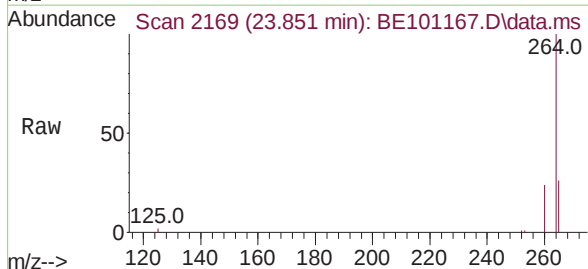


Abundance Scan 2172 (23.863 min): BE101146.D\data.ms (-2130) (-)

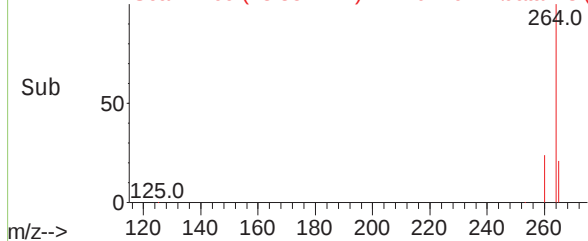


Perylene-d12
Concen: 0.40 ng
RT: 23.851 min Scan# 2169
Delta R.T. -0.012 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

Tgt Ion:	264	Resp:	34328
Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.5	30.7
265	25.8	20.6	30.8



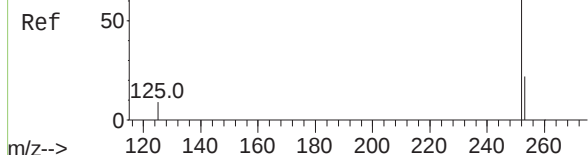
Abundance Scan 2169 (23.851 min): BE101167.D\data.ms (-2130) (-)



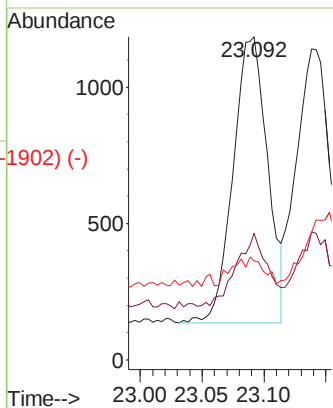
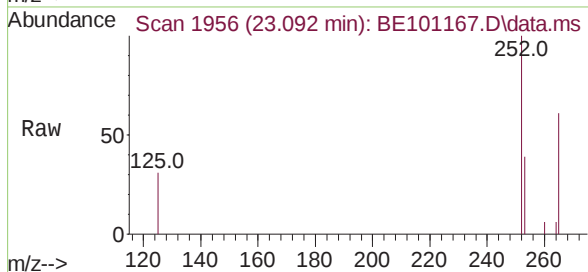
Abundance Scan 1958 (23.100 min): BE101146.D\data.ms (-1937) (-)

Benzo(b)fluoranthene
Concen: 0.02 ng
RT: 23.092 min Scan# 1956
Delta R.T. -0.008 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

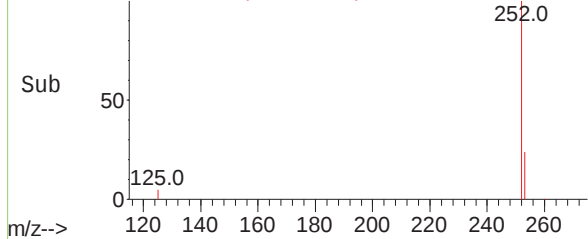
Instrument :
BNA_E
ClientSampleId :
RE117D1-20210325



Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.2	17.8	26.8#
125	30.7	7.5	11.3#



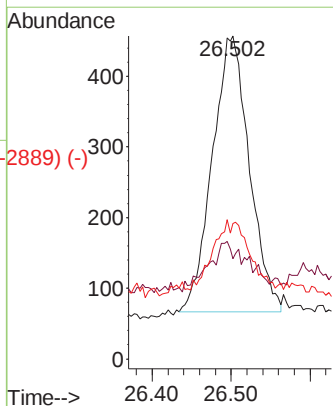
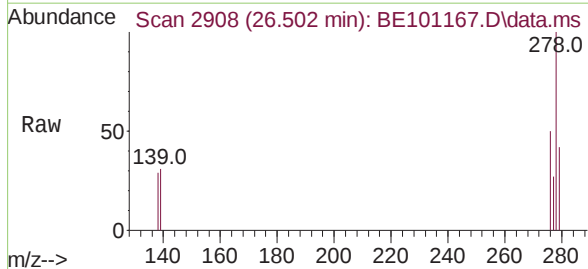
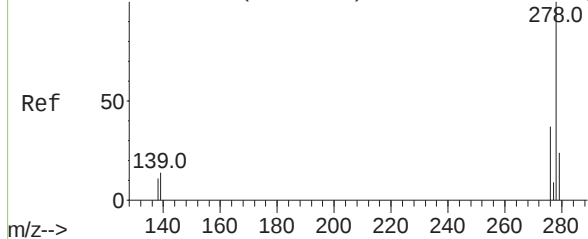
Abundance Scan 1956 (23.092 min): BE101167.D\data.ms (-1902) (-)



Abundance Scan 2912 (26.516 min): BE101146.D\data.ms (-2894) (-)

Dibenzo(a,h)anthracene
Concen: 0.12 ng
RT: 26.502 min Scan# 2908
Delta R.T. -0.014 min
Lab File: BE101167.D
Acq: 31 Mar 2021 18:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	31.1	12.0	18.0#
279	42.0	20.2	30.4#



Abundance Scan 2908 (26.502 min): BE101167.D\data.ms (-2889) (-)

