

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
 Data File : BF124401.D
 Acq On : 21 Jun 2021 19:28
 Operator : JU/CG
 Sample : M2776-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0339-DISCRETE-CORE-1

Quant Time: Jun 22 01:33:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

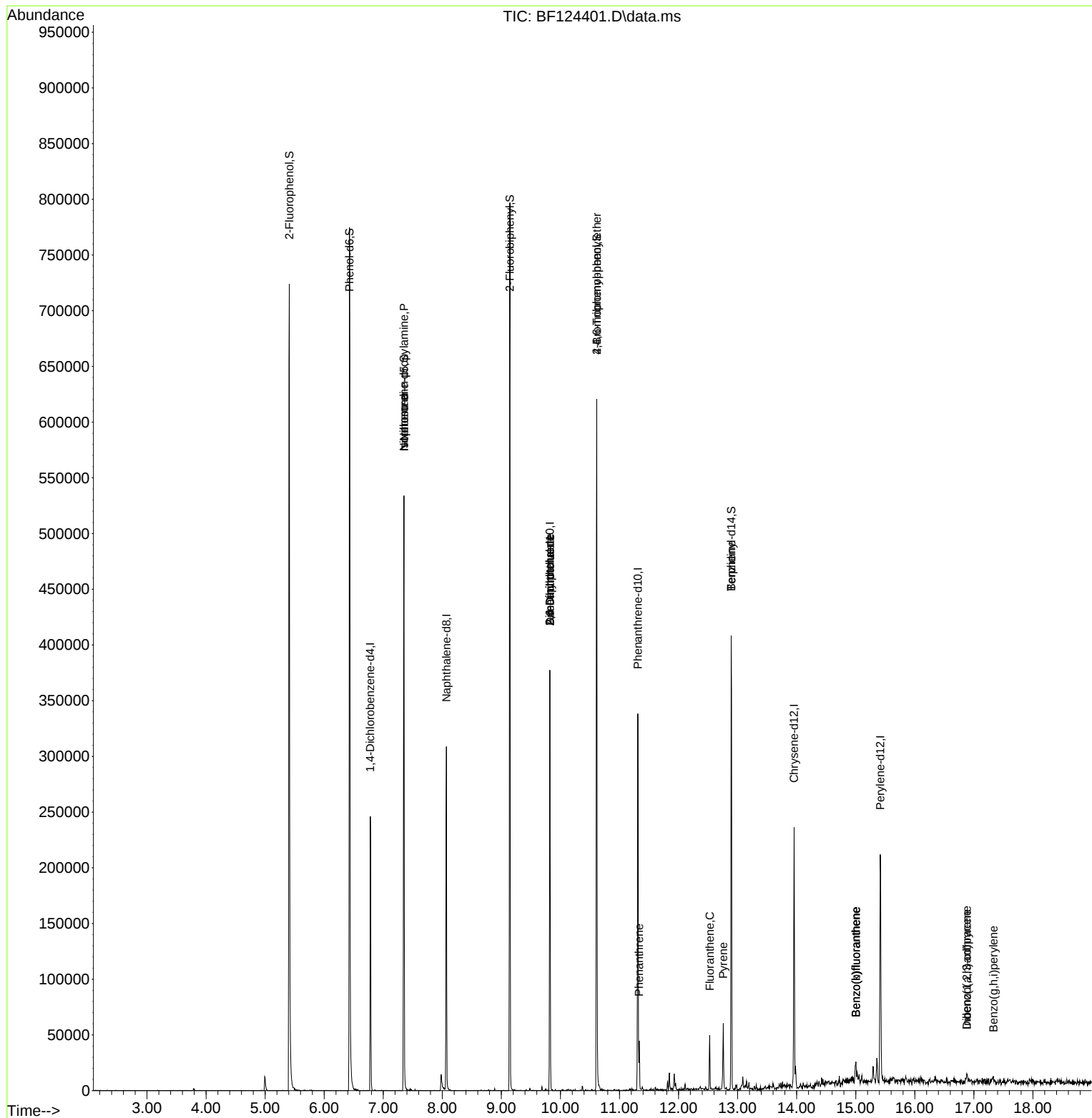
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	32250	20.00	ng	0.00
21) Naphthalene-d8	8.069	136	117244	20.00	ng	# 0.00
39) Acenaphthene-d10	9.822	164	66432	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	108702	20.00	ng	# 0.00
76) Chrysene-d12	13.957	240	68287	20.00	ng	0.00
86) Perylene-d12	15.415	264	84440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	175633	81.98	ng	0.00
7) Phenol-d6	6.428	99	222900	77.40	ng	-0.02
23) Nitrobenzene-d5	7.351	82	157379	53.24	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	66127	70.26	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	210653	39.90	ng	0.00
79) Terphenyl-d14	12.892	244	123439	24.82	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	21555	10.60	ng	# 70
25) Isophorone	7.351	82	157377	29.54	ng	# 69
50) Dimethylphthalate	9.822	163	11968	2.18	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	7366	5.85	ng	# 10
57) 2,4-Dinitrotoluene	9.822	165	7366	4.43	ng	# 15
67) 4-Bromophenyl-phenylether	10.616	248	4707	3.15	ng	# 1
71) Phenanthrene	11.333	178	15084	2.22	ng	# 88
75) Fluoranthene	12.527	202	18018	2.53	ng	93
77) Benzidine	12.892	184	2635	5.58	ng	# 74
78) Pyrene	12.757	202	22960	3.50	ng	98
87) Indeno(1,2,3-cd)pyrene	16.880	276	4085	4.86	ng	# 91
88) Benzo(b)fluoranthene	15.004	252	13239	2.02	ng	# 87
89) Benzo(k)fluoranthene	15.004	252	13239	2.13	ng	# 87
91) Dibenzo(a,h)anthracene	16.880	278	1747	4.44	ng	# 57
92) Benzo(g,h,i)perylene	17.333	276	4518	4.51	ng	# 85

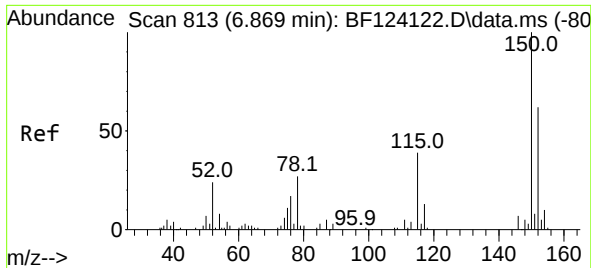
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 22 01:33:19 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 15 20:09:26 2021
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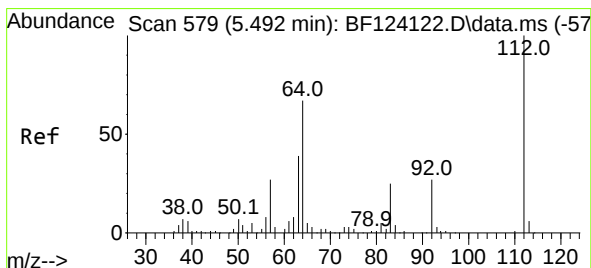
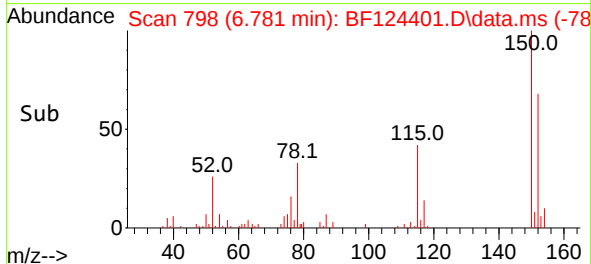
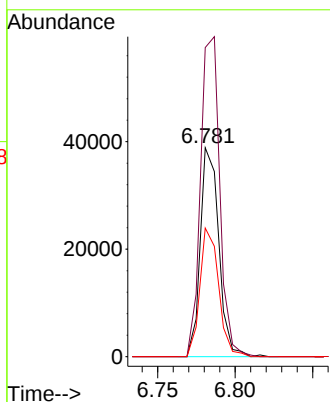
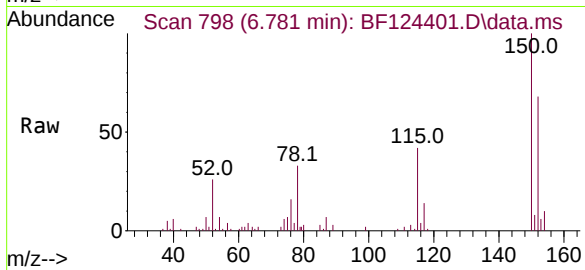




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124401.D
Acq: 21 Jun 2021 19:28

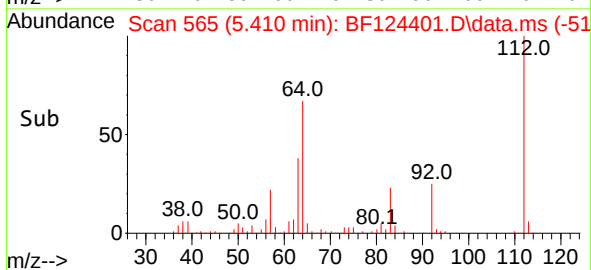
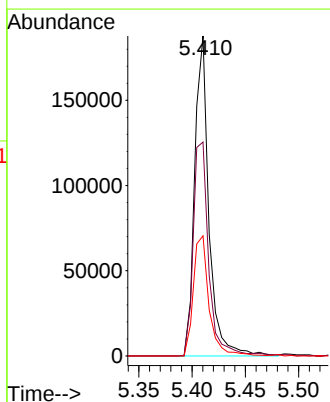
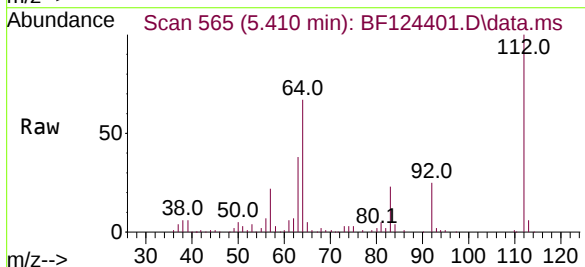
Instrument :
BNA_F
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0339-DISCRETE-CORE-1

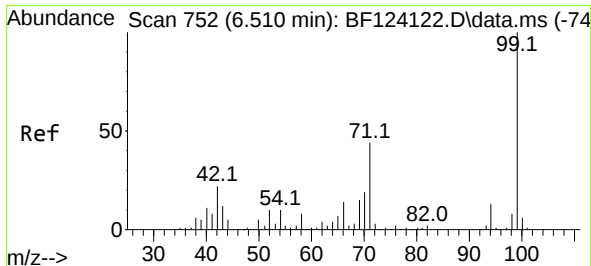
Tgt Ion:152 Resp: 32250
Ion Ratio Lower Upper
152 100
150 148.0 127.0 190.6
115 61.6 54.3 81.5



#5
2-Fluorophenol
Concen: 81.98 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124401.D
Acq: 21 Jun 2021 19:28

Tgt Ion:112 Resp: 175633
Ion Ratio Lower Upper
112 100
64 66.9 61.4 92.0
63 37.5 33.0 49.4

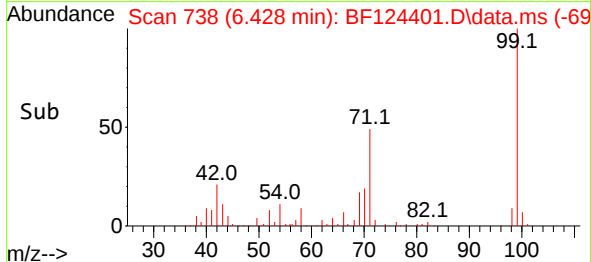
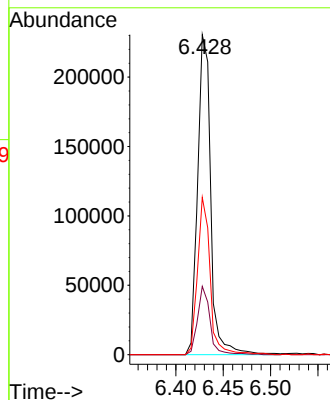
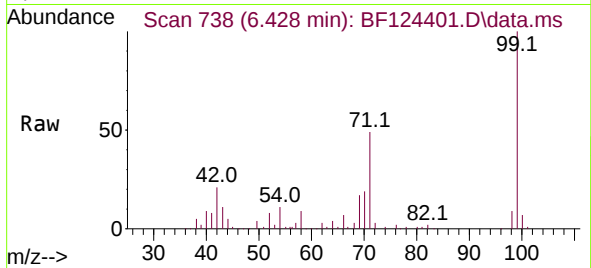




#7
Phenol-d6
Concen: 77.40 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124401.D
Acq: 21 Jun 2021 19:28

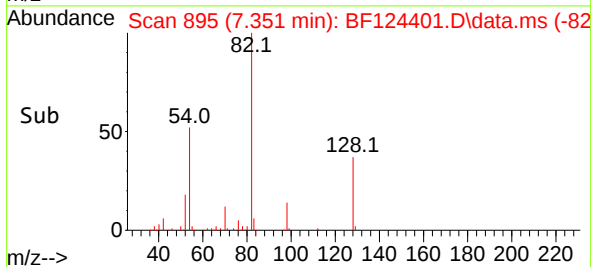
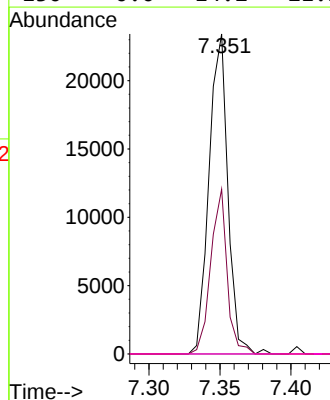
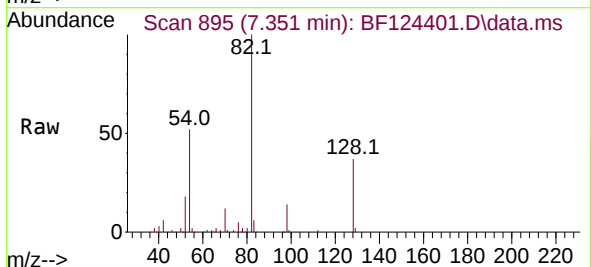
Instrument :
BNA_F
ClientSampleId :
0339-DISCRETE-CORE-1

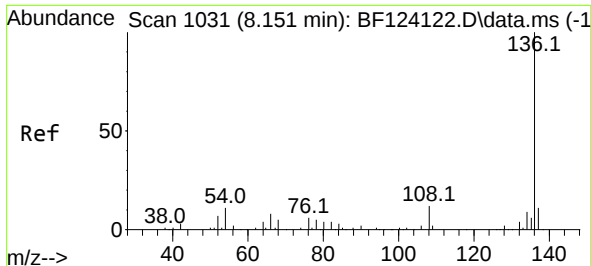
Tgt Ion: 99 Resp: 222900
Ion Ratio Lower Upper
99 100
42 21.3 19.8 29.8
71 49.2 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 10.60 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124401.D
Acq: 21 Jun 2021 19:28

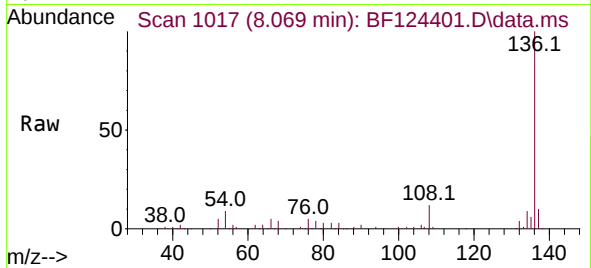
Tgt Ion: 70 Resp: 21555
Ion Ratio Lower Upper
70 100
42 51.5 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#



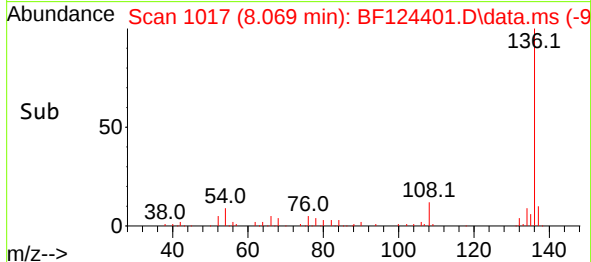
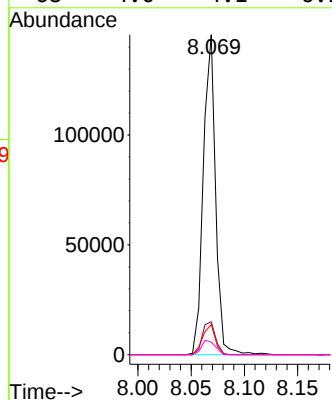


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124401.D
Acq: 21 Jun 2021 19:28

Instrument :
BNA_F
ClientSampleId :
0339-DISCRETE-CORE-1

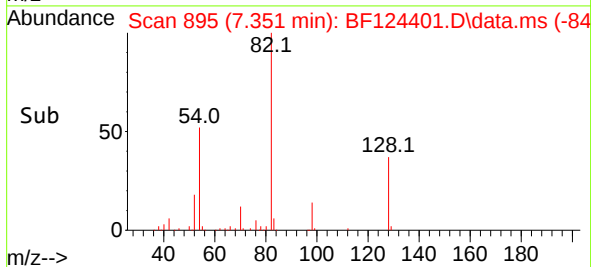
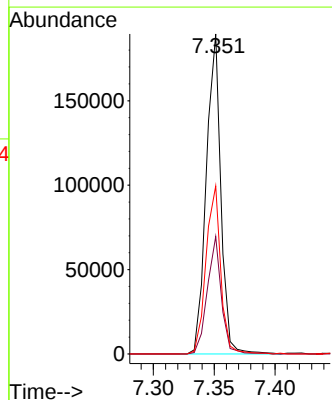
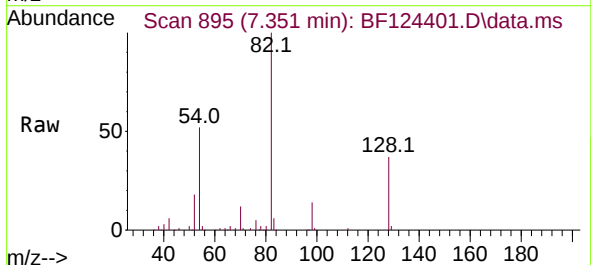


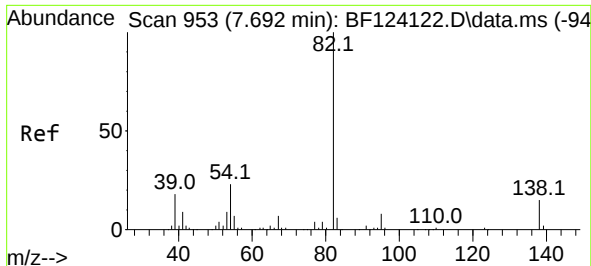
Tgt Ion:136 Resp: 117244
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 9.4 9.8 14.6#
68 4.0 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 53.24 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124401.D
Acq: 21 Jun 2021 19:28

Tgt Ion: 82 Resp: 157379
Ion Ratio Lower Upper
82 100
128 36.7 29.4 44.2
54 52.5 54.1 81.1#

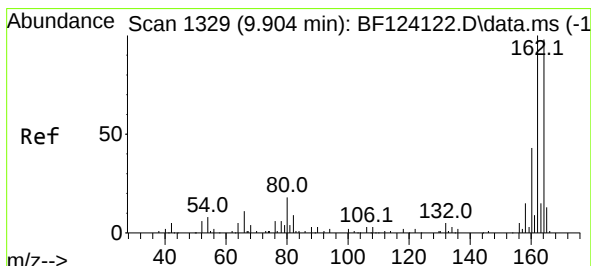
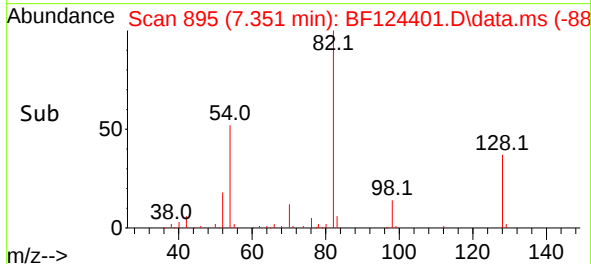
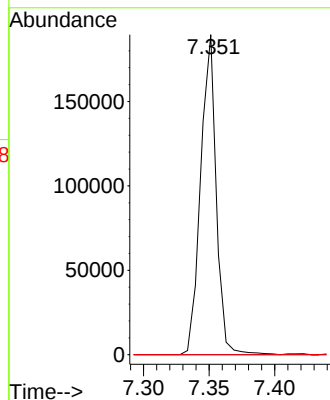
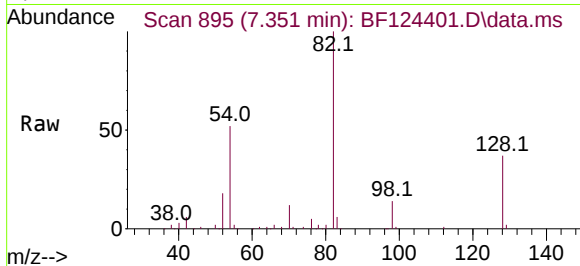




#25
Isophorone
Concen: 29.54 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124401.D
Acq: 21 Jun 2021 19:28

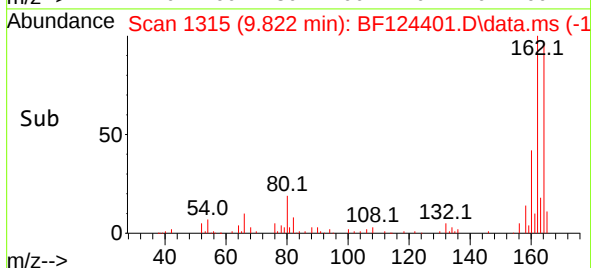
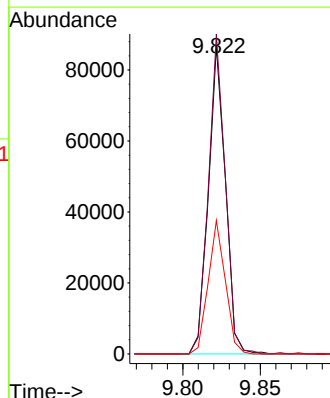
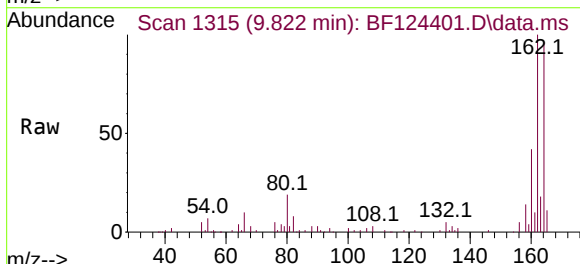
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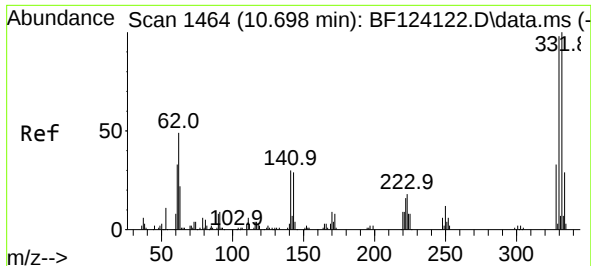
Tgt Ion: 82 Resp: 157377
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124401.D
Acq: 21 Jun 2021 19:28

Tgt Ion: 164 Resp: 66432
Ion Ratio Lower Upper
164 100
162 104.1 80.7 121.1
160 43.4 37.3 55.9

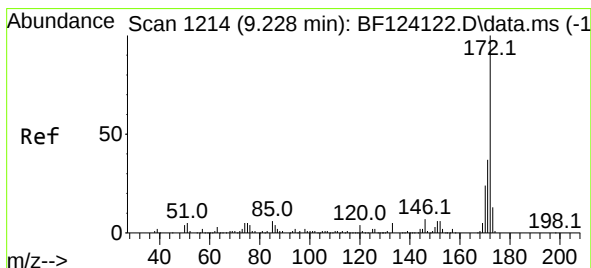
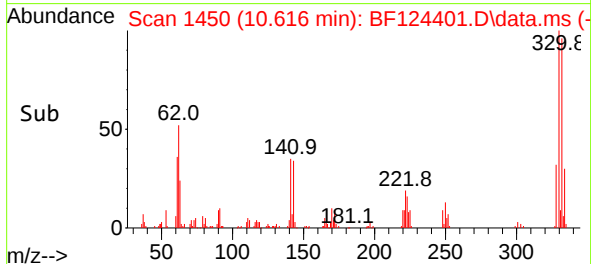
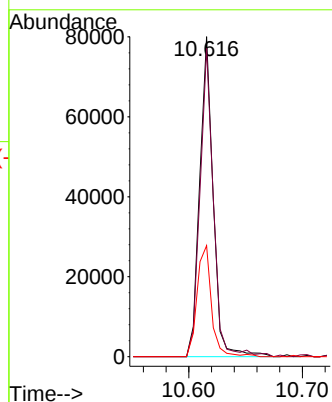
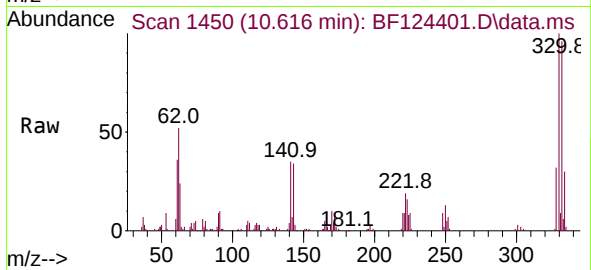




#42
2,4,6-Tribromophenol
Concen: 70.26 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124401.D
Acq: 21 Jun 2021 19:28

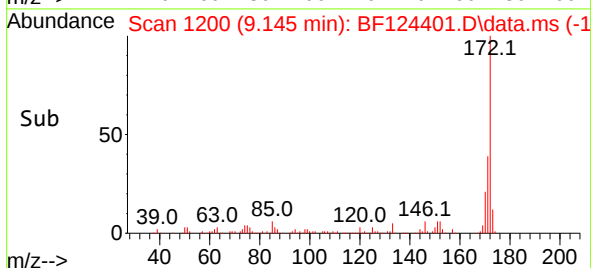
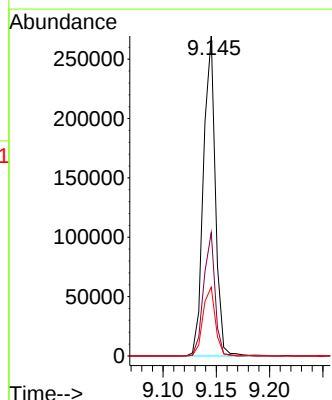
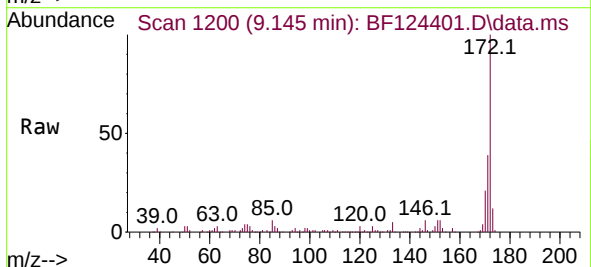
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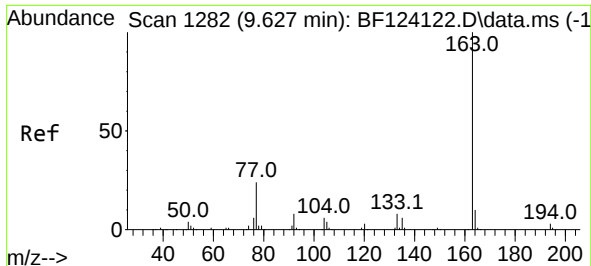
Tgt Ion: 330 Resp: 66127
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 37.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 39.90 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124401.D
Acq: 21 Jun 2021 19:28

Tgt Ion: 172 Resp: 210653
Ion Ratio Lower Upper
172 100
171 38.6 28.1 42.1
170 21.5 19.2 28.8

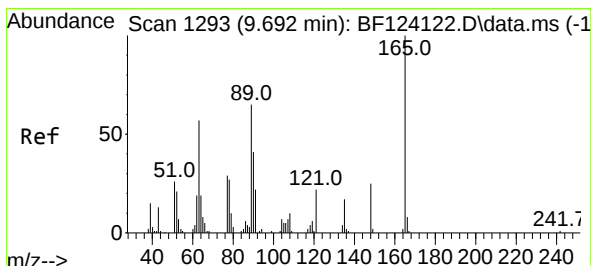
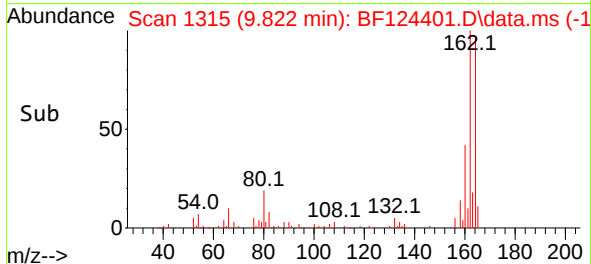
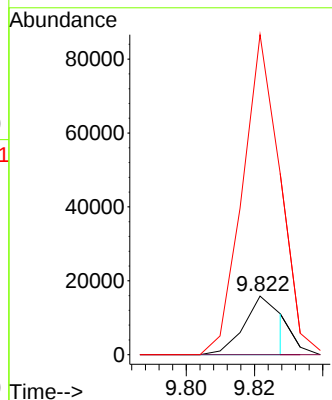
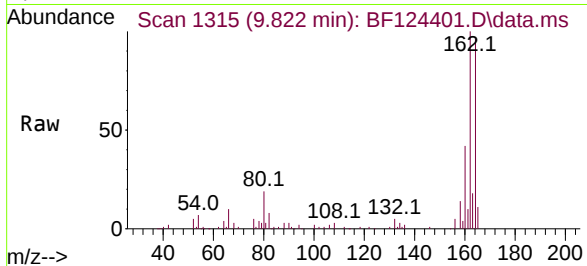




#50
Dimethylphthalate
Concen: 2.18 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124401.D
Acq: 21 Jun 2021 19:28

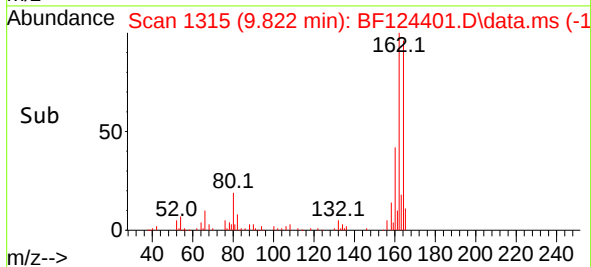
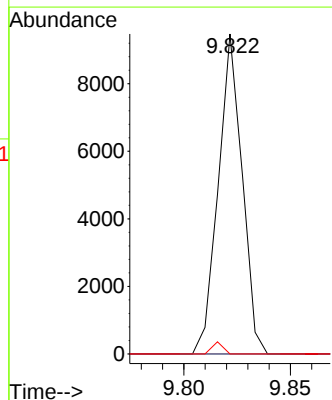
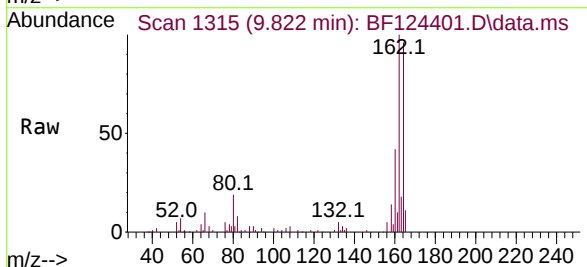
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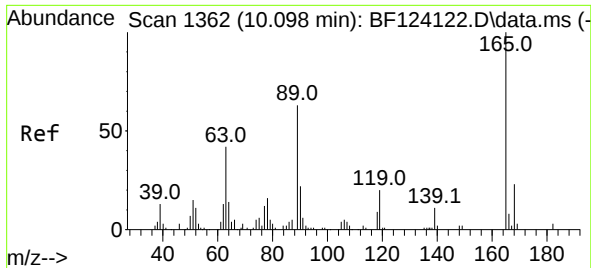
Tgt Ion:163 Resp: 11968
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 546.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 5.85 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124401.D
Acq: 21 Jun 2021 19:28

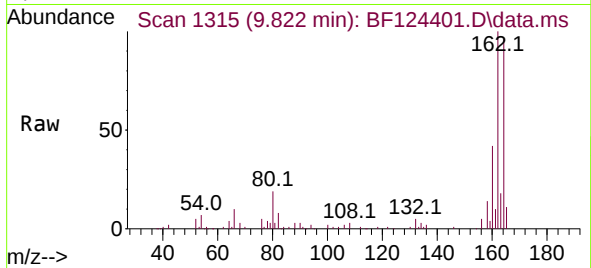
Tgt Ion:165 Resp: 7366
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



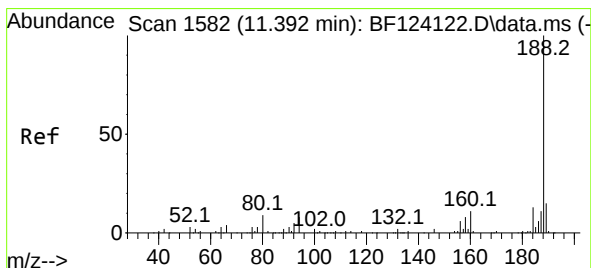
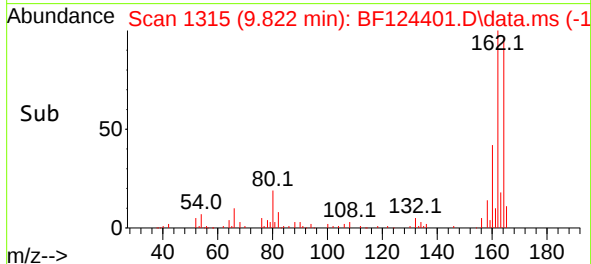
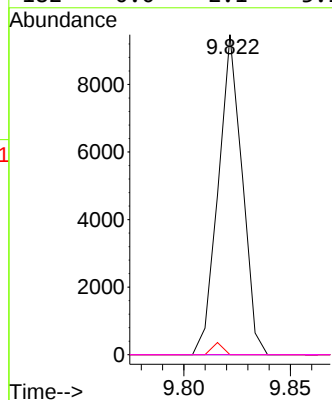


#57
2,4-Dinitrotoluene
Concen: 4.43 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124401.D
Acq: 21 Jun 2021 19:28

Instrument :
BNA_F
ClientSampleId :
0339-DISCRETE-CORE-1

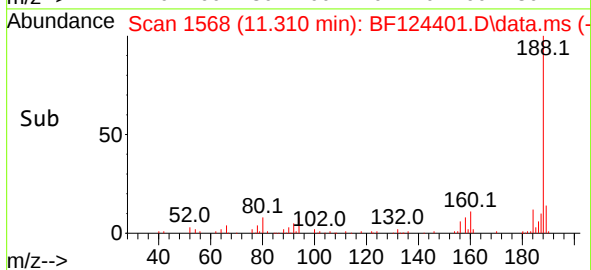
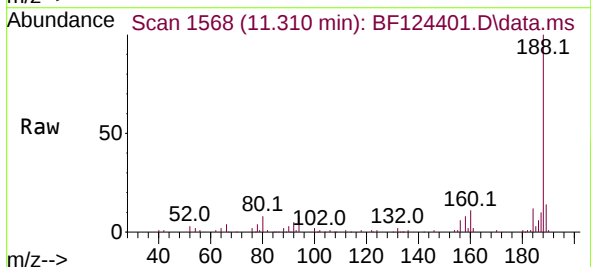
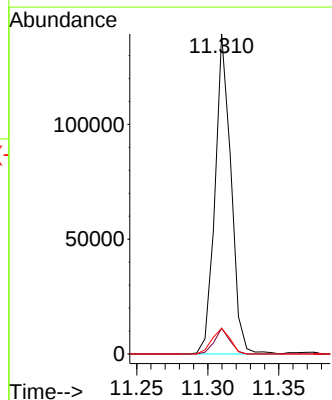


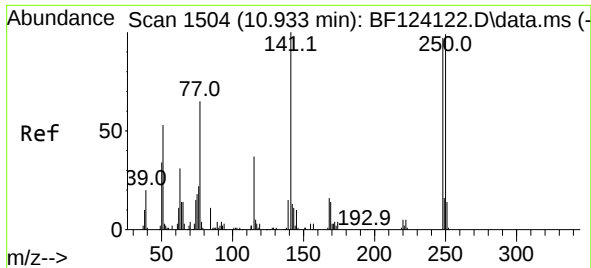
Tgt Ion:165 Resp: 7366
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124401.D
Acq: 21 Jun 2021 19:28

Tgt Ion:188 Resp: 108702
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 8.0 8.2 12.2#

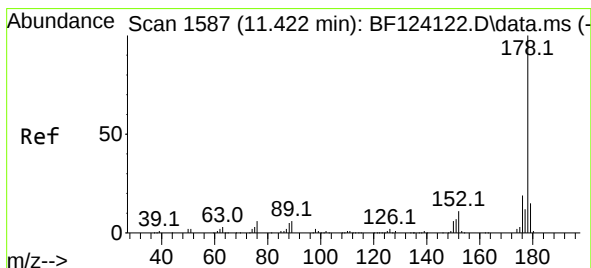
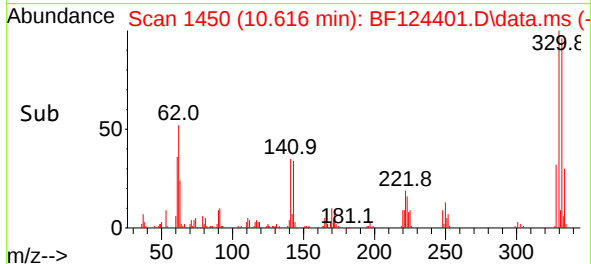
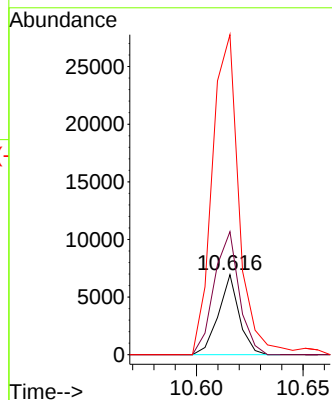
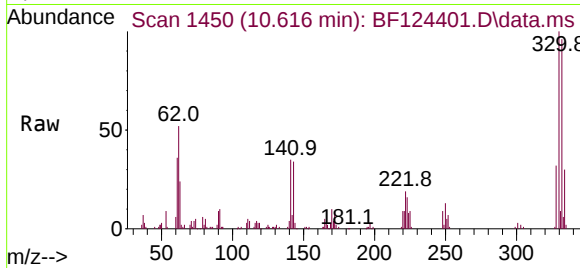




#67
4-Bromophenyl-phenylether
Concen: 3.15 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124401.D
Acq: 21 Jun 2021 19:28

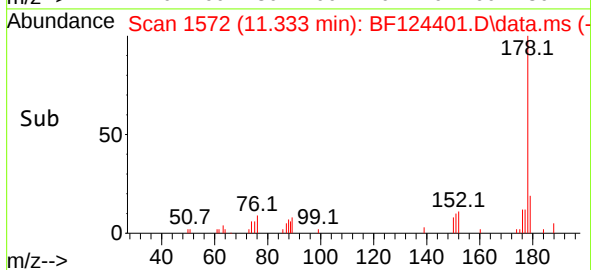
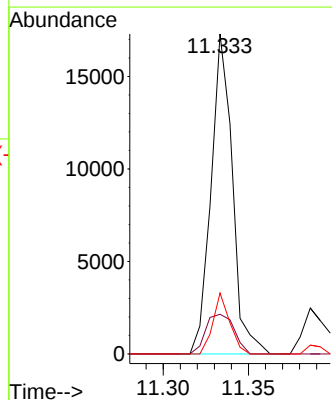
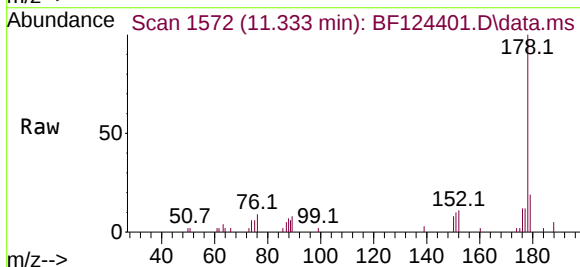
Instrument :
BNA_F
ClientSampleId :
0339-DISCRETE-CORE-1

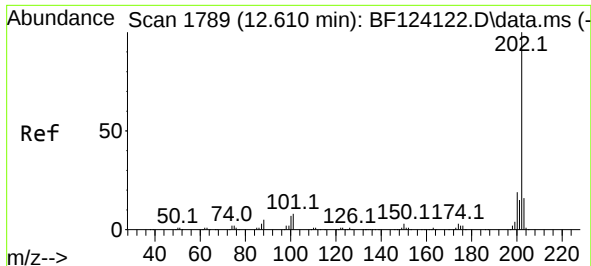
Tgt Ion:248 Resp: 4707
Ion Ratio Lower Upper
248 100
250 153.6 77.4 116.2#
141 399.7 63.7 95.5#



#71
Phenanthrene
Concen: 2.22 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF124401.D
Acq: 21 Jun 2021 19:28

Tgt Ion:178 Resp: 15084
Ion Ratio Lower Upper
178 100
176 12.4 15.6 23.4#
179 19.0 12.5 18.7#

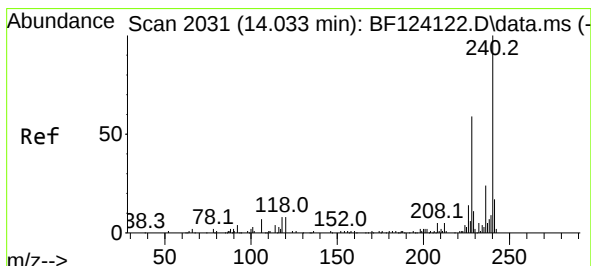
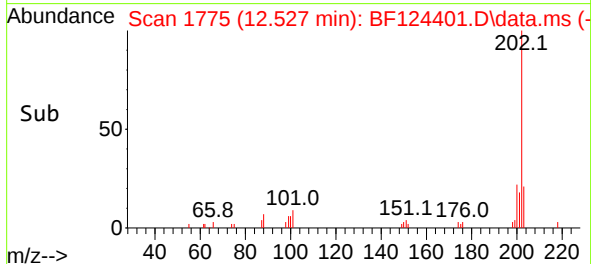
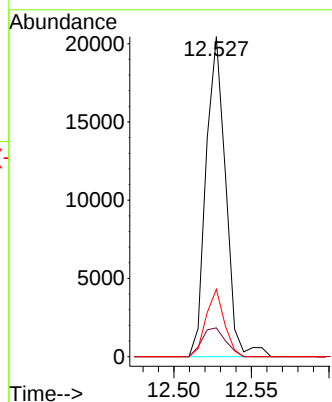
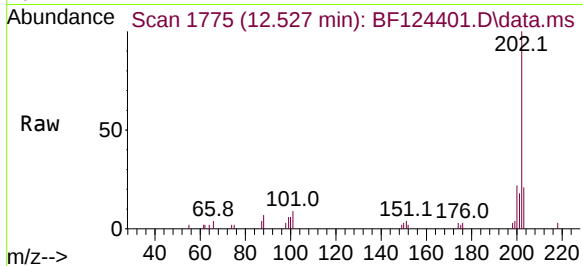




#75
Fluoranthene
Concen: 2.53 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF124401.D
Acq: 21 Jun 2021 19:28

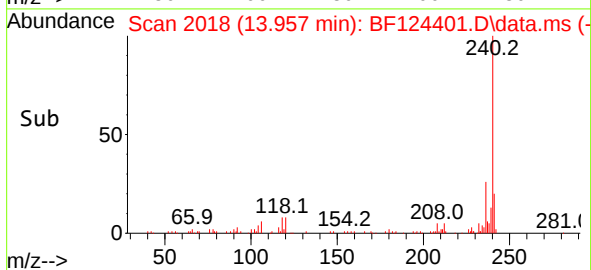
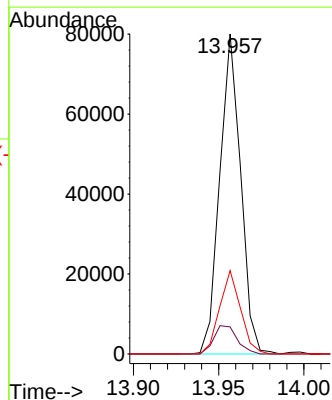
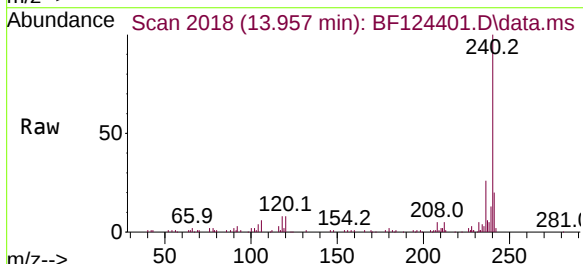
Instrument :
BNA_F
ClientSampleId :
0339-DISCRETE-CORE-1

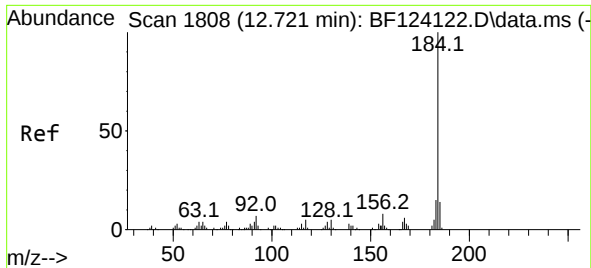
Tgt Ion:202 Resp: 18018
Ion Ratio Lower Upper
202 100
101 9.0 0.0 30.9
203 21.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124401.D
Acq: 21 Jun 2021 19:28

Tgt Ion:240 Resp: 68287
Ion Ratio Lower Upper
240 100
120 8.5 7.2 10.8
236 26.0 19.0 28.4

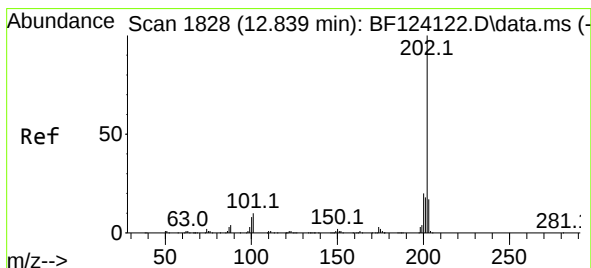
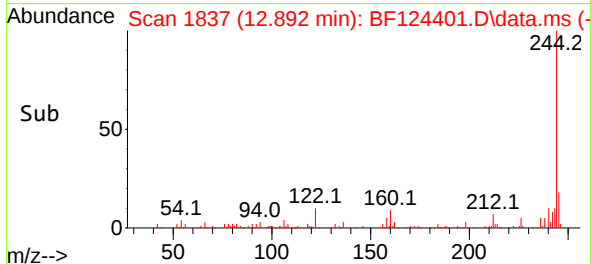
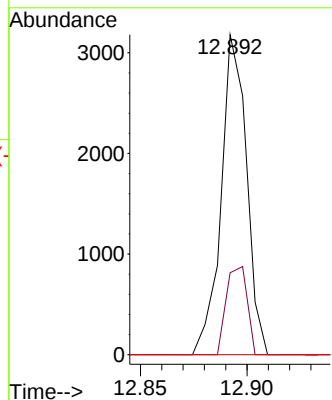
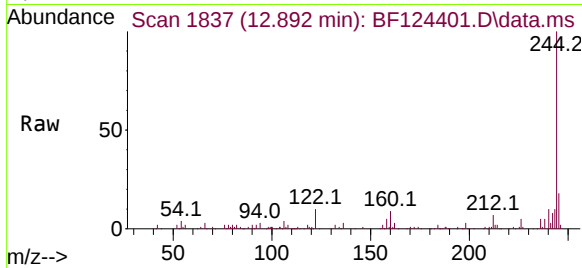




#77
Benzidine
Concen: 5.58 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.194 min
Lab File: BF124401.D
Acq: 21 Jun 2021 19:28

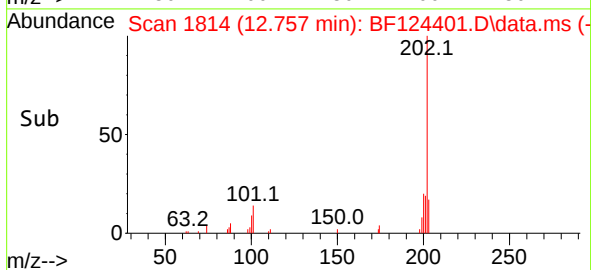
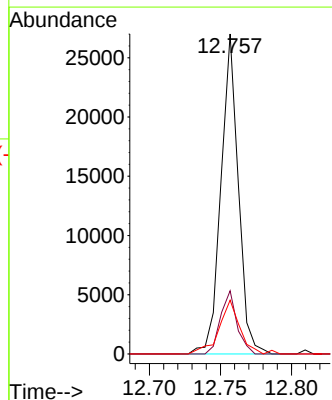
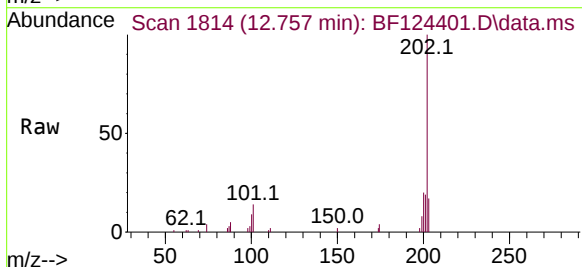
Instrument :
BNA_F
ClientSampleId :
0339-DISCRETE-CORE-1

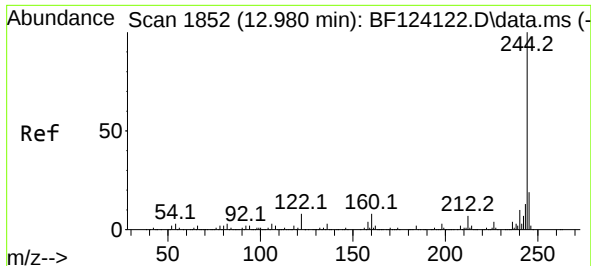
Tgt Ion:184 Resp: 2635
Ion Ratio Lower Upper
184 100
185 25.6 12.1 18.1#
183 0.0 7.8 11.8#



#78
Pyrene
Concen: 3.50 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF124401.D
Acq: 21 Jun 2021 19:28

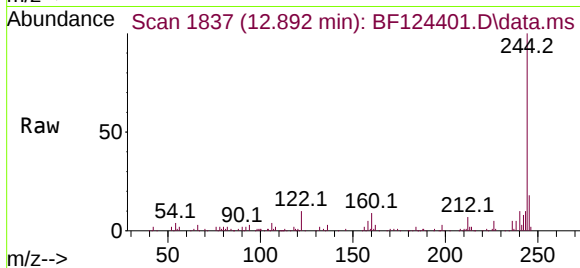
Tgt Ion:202 Resp: 22960
Ion Ratio Lower Upper
202 100
200 19.8 16.1 24.1
203 16.8 14.8 22.2



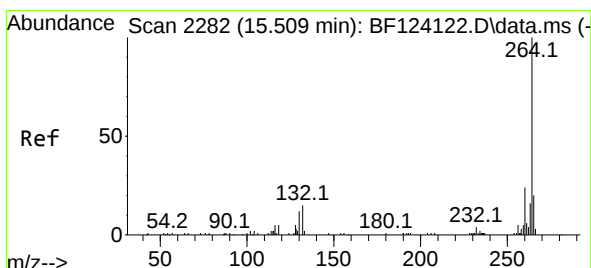
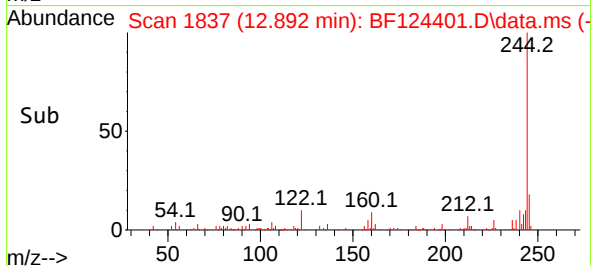
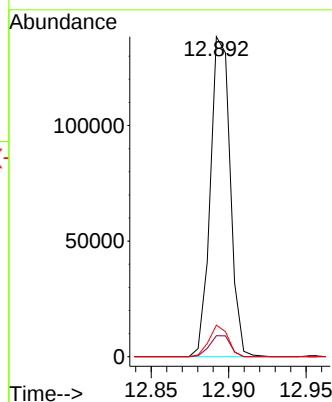


#79
 Terphenyl-d14
 Concen: 24.82 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. -0.012 min
 Lab File: BF124401.D
 Acq: 21 Jun 2021 19:28

Instrument :
 BNA_F
 ClientSampleId :
 0339-DISCRETE-CORE-1

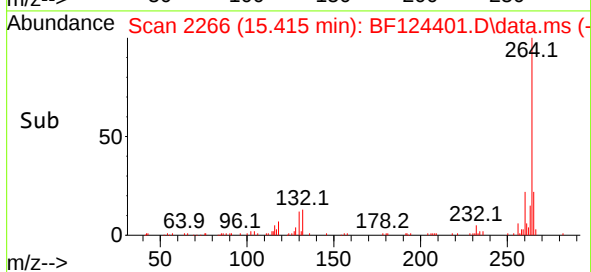
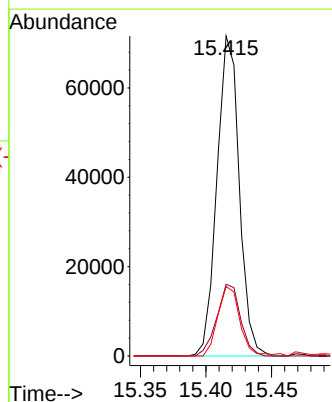
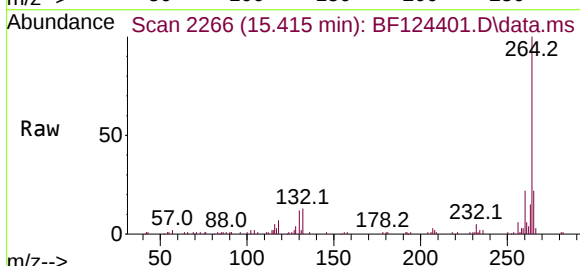


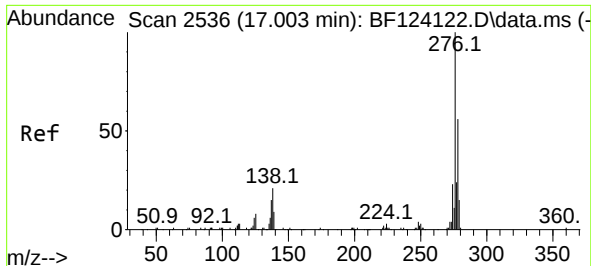
Tgt Ion:244 Resp: 123439
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 9.8 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: BF124401.D
 Acq: 21 Jun 2021 19:28

Tgt Ion:264 Resp: 84440
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.7 28.1
 265 21.7 17.8 26.8

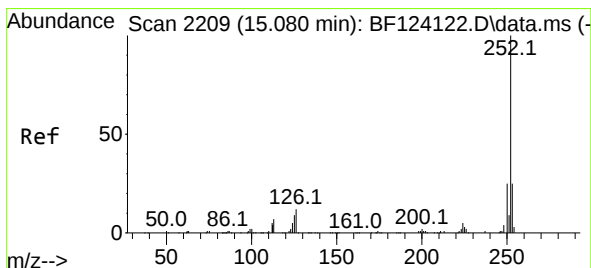
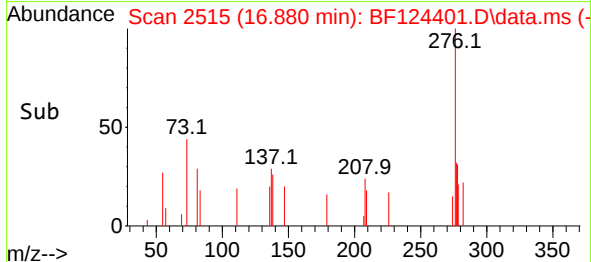
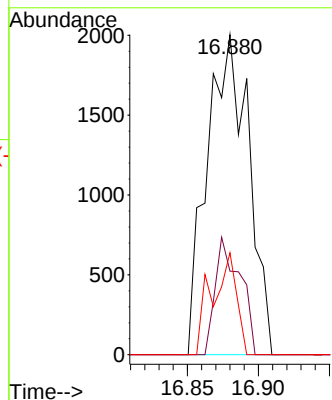
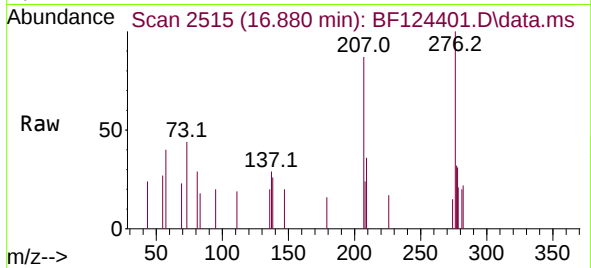




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.86 ng
RT: 16.880 min Scan# 2515
Delta R.T. 0.006 min
Lab File: BF124401.D
Acq: 21 Jun 2021 19:28

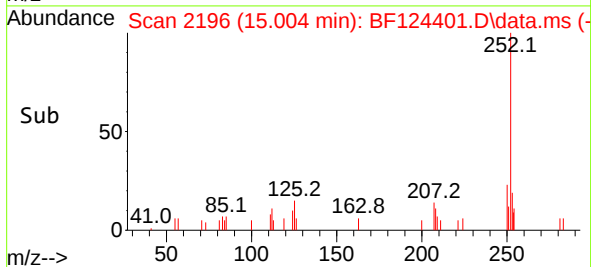
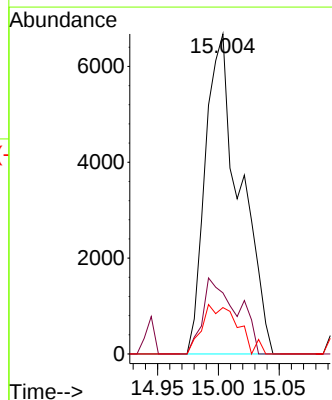
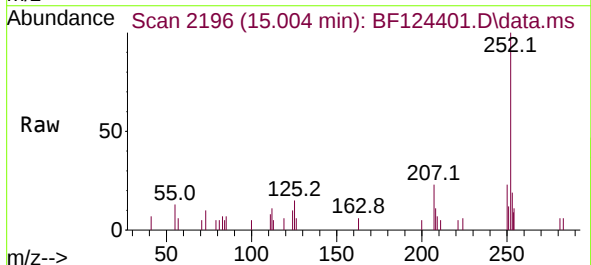
Instrument :
BNA_F
ClientSampleId :
0339-DISCRETE-CORE-1

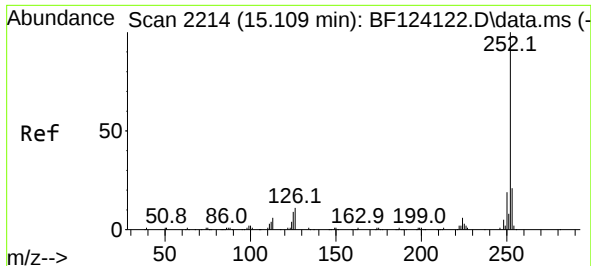
Tgt Ion:276 Resp: 4085
Ion Ratio Lower Upper
276 100
138 22.0 16.2 24.2
277 18.8 20.1 30.1#



#88
Benzo(b)fluoranthene
Concen: 2.02 ng
RT: 15.004 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BF124401.D
Acq: 21 Jun 2021 19:28

Tgt Ion:252 Resp: 13239
Ion Ratio Lower Upper
252 100
253 28.1 18.1 27.1#
125 14.5 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 2.13 ng

RT: 15.004 min Scan# 2196

Delta R.T. -0.023 min

Lab File: BF124401.D

Acq: 21 Jun 2021 19:28

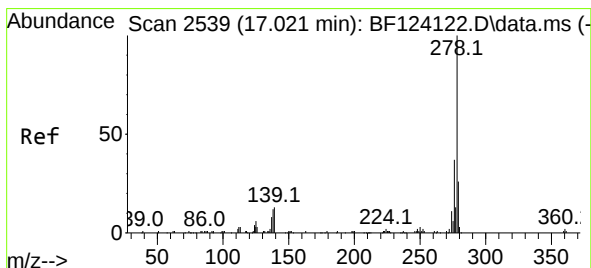
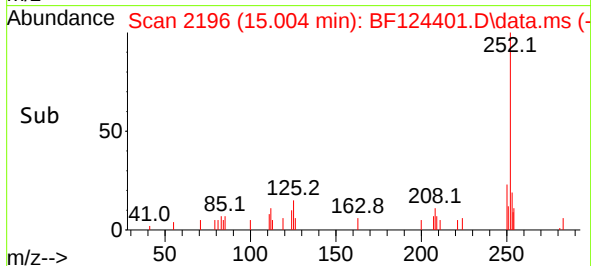
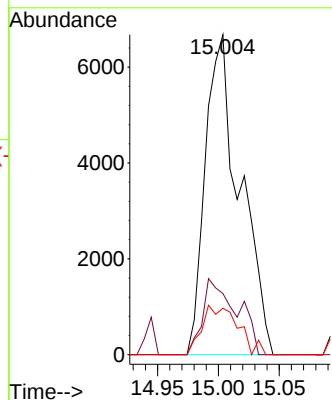
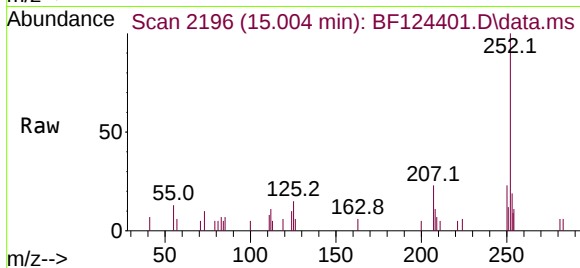
Tgt Ion:	252	Resp:	13239
Ion Ratio	Lower	Upper	
252	100		
253	28.1	17.9	26.9#
125	14.5	7.0	10.6#

Instrument :

BNA_F

ClientSampleId :

0339-DISCRETE-CORE-1



#91

Dibenzo(a,h)anthracene

Concen: 4.44 ng

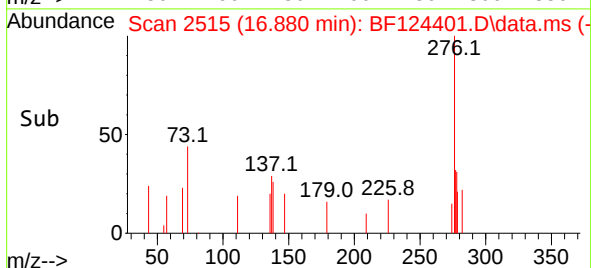
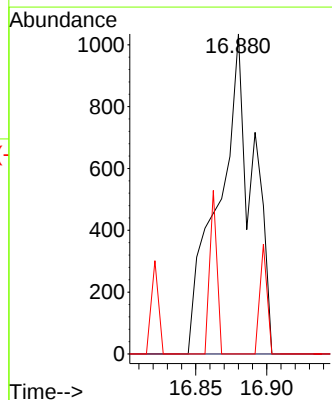
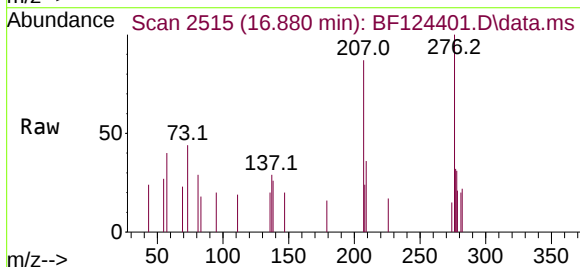
RT: 16.880 min Scan# 2515

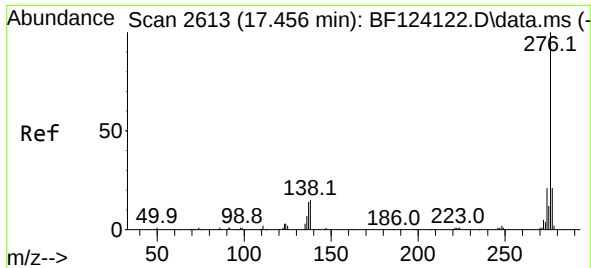
Delta R.T. -0.006 min

Lab File: BF124401.D

Acq: 21 Jun 2021 19:28

Tgt Ion:	278	Resp:	1747
Ion Ratio	Lower	Upper	
278	100		
139	0.0	10.2	15.2#
279	0.0	19.4	29.0#





#92
 Benzo(g,h,i)perylene
 Concen: 4.51 ng
 RT: 17.333 min Scan# 2592
 Delta R.T. 0.018 min
 Lab File: BF124401.D
 Acq: 21 Jun 2021 19:28

Instrument :
 BNA_F
 ClientSampleId :
 0339-DISCRETE-CORE-1

Tgt Ion:276 Resp: 4518
 Ion Ratio Lower Upper
 276 100
 277 18.3 18.2 27.2
 138 26.7 13.8 20.6#

