

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
 Data File : BF124385.D
 Acq On : 18 Jun 2021 21:16
 Operator : JU/CG
 Sample : M2768-01 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-061721

Quant Time: Jun 18 23:18:36 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)

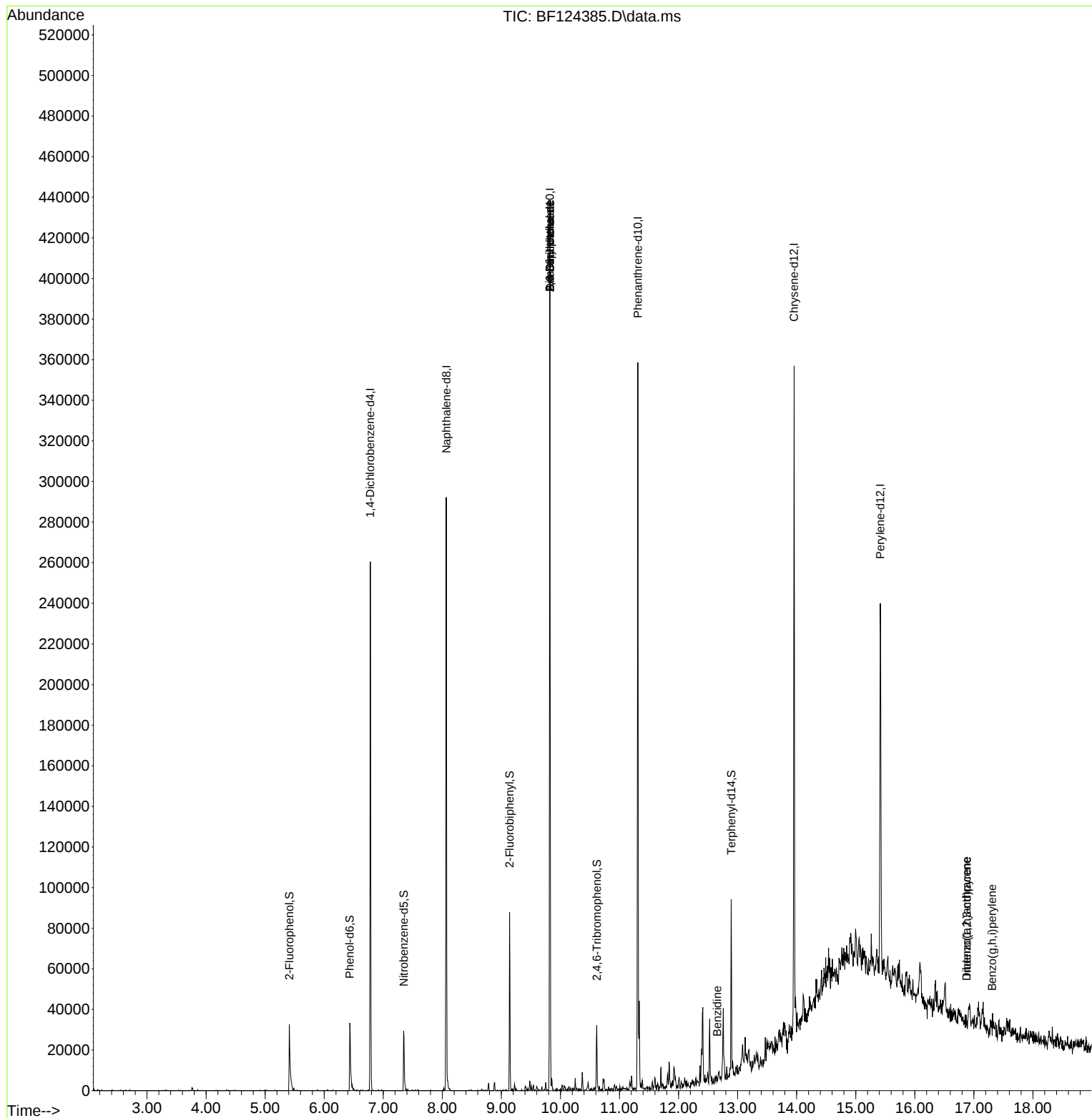
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	32950	20.00	ng	0.00
21) Naphthalene-d8	8.069	136	122647	20.00	ng	# 0.00
39) Acenaphthene-d10	9.822	164	70915	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	113397	20.00	ng	0.00
76) Chrysene-d12	13.957	240	92273	20.00	ng	# 0.00
86) Perylene-d12	15.415	264	67308	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	10794	4.93	ng	0.00
7) Phenol-d6	6.434	99	13462	4.58	ng	-0.01
23) Nitrobenzene-d5	7.345	82	10890	3.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	4324	4.30	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	24188	4.29	ng	-0.01
79) Terphenyl-d14	12.892	244	20751	3.09	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.822	163	13882	2.37	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	9618	7.15	ng	# 10
57) 2,4-Dinitrotoluene	9.822	165	9618	5.42	ng	# 15
77) Benzidine	12.657	184	113	4.11	ng	# 68
87) Indeno(1,2,3-cd)pyrene	16.880	276	1292	4.54	ng	# 53
91) Dibenzo(a,h)anthracene	16.874	278	283	4.23	ng	# 57
92) Benzo(g,h,i)perylene	17.309	276	1873	4.17	ng	# 56

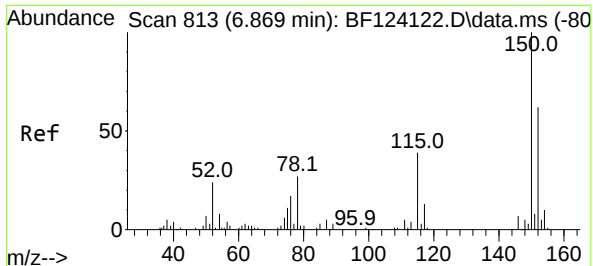
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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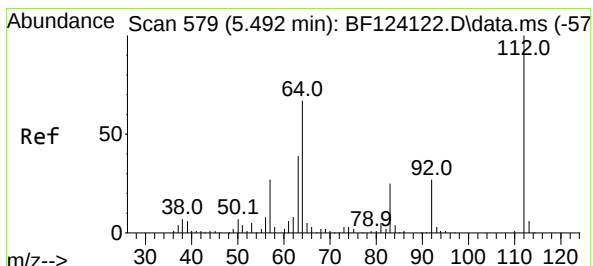
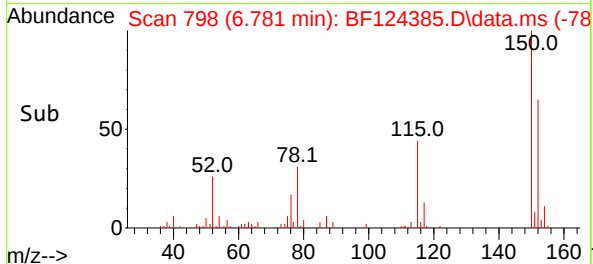
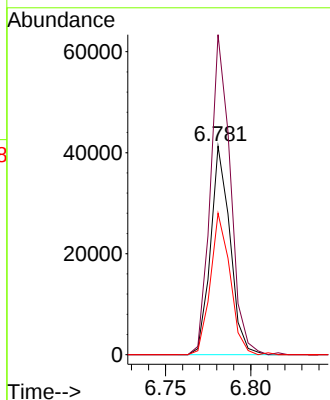
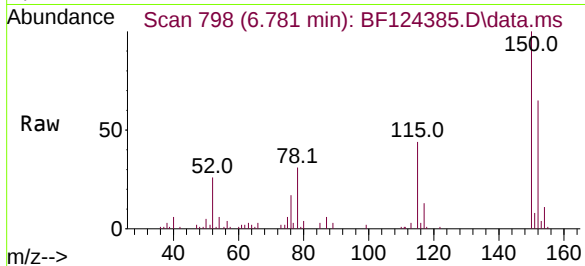




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124385.D
Acq: 18 Jun 2021 21:16

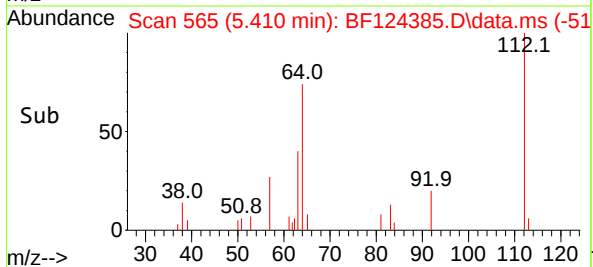
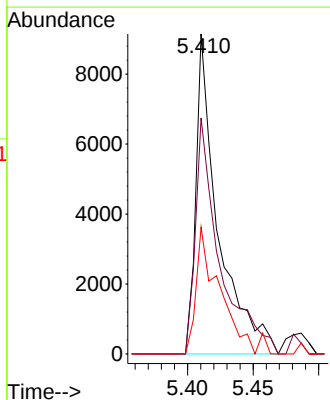
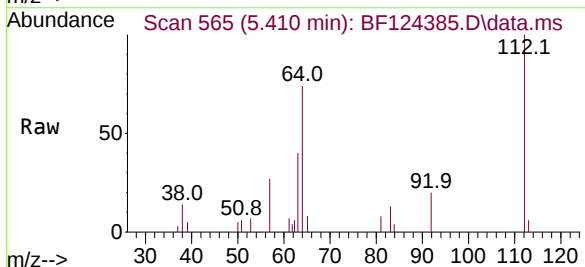
Instrument :
BNA_F
ClientSampleId :
OK-01-061721

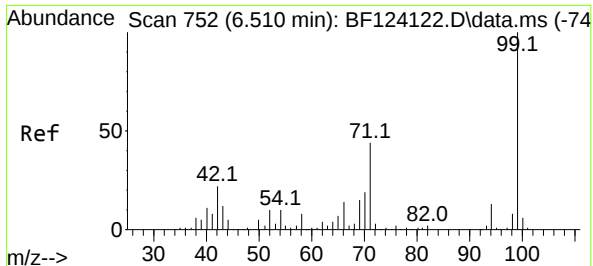
Tgt Ion:152 Resp: 32950
Ion Ratio Lower Upper
152 100
150 153.5 127.0 190.6
115 67.9 54.3 81.5



#5
2-Fluorophenol
Concen: 4.93 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124385.D
Acq: 18 Jun 2021 21:16

Tgt Ion:112 Resp: 10794
Ion Ratio Lower Upper
112 100
64 73.8 61.4 92.0
63 39.6 33.0 49.4

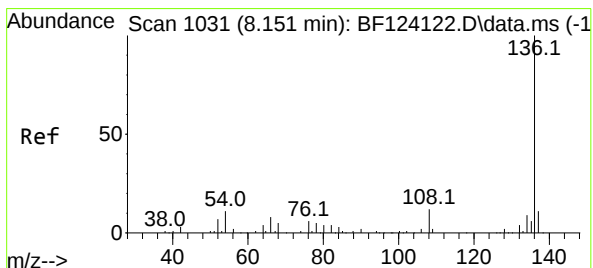
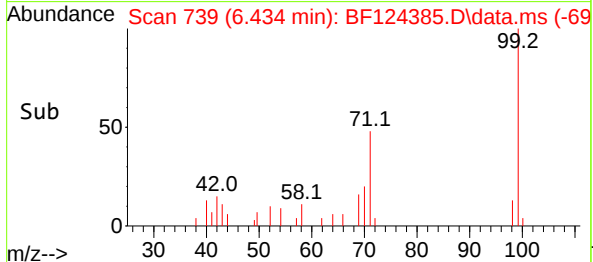
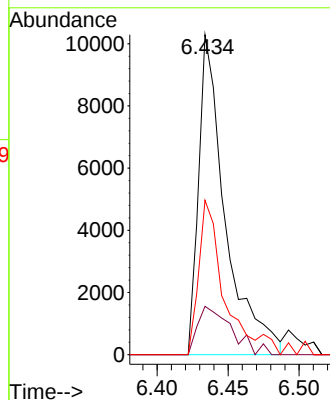
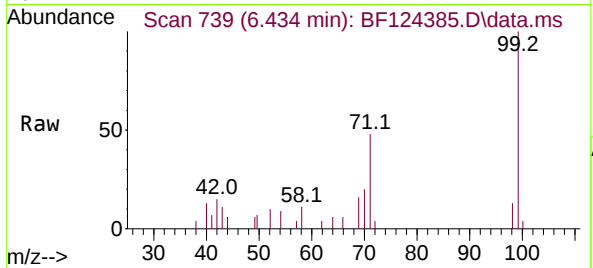




#7
Phenol-d6
Concen: 4.58 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124385.D
Acq: 18 Jun 2021 21:16

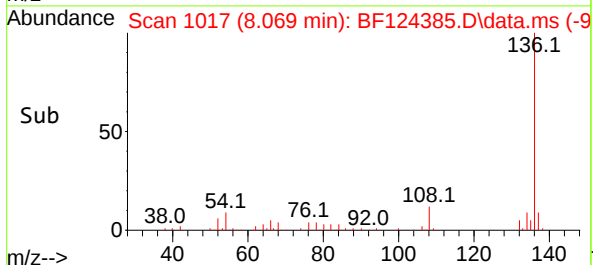
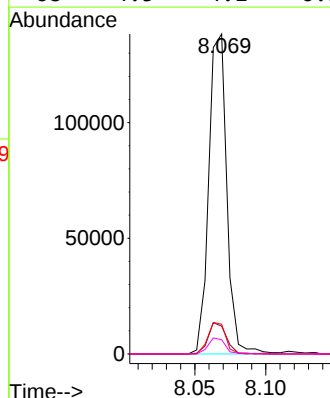
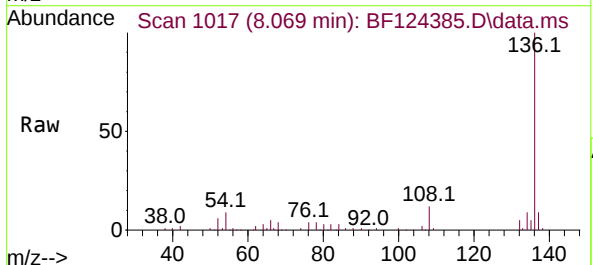
Instrument :
BNA_F
ClientSampleId :
OK-01-061721

Tgt Ion: 99 Resp: 13462
Ion Ratio Lower Upper
99 100
42 15.1 19.8 29.8#
71 48.3 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124385.D
Acq: 18 Jun 2021 21:16

Tgt Ion: 136 Resp: 122647
Ion Ratio Lower Upper
136 100
137 8.7 8.7 13.1#
54 9.3 9.8 14.6#
68 4.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 3.52 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF124385.D

Acq: 18 Jun 2021 21:16

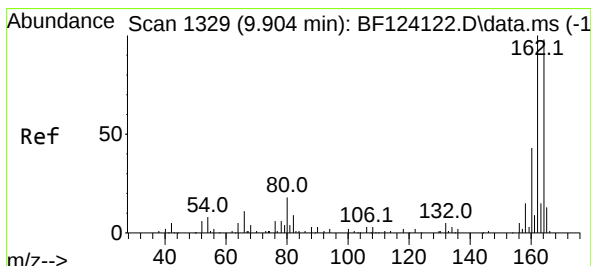
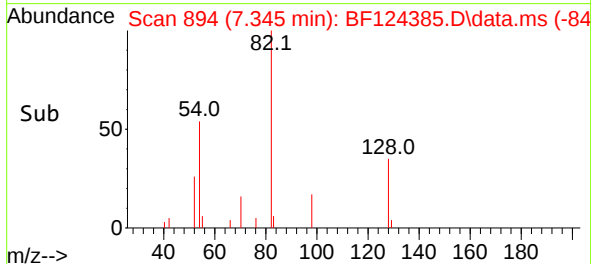
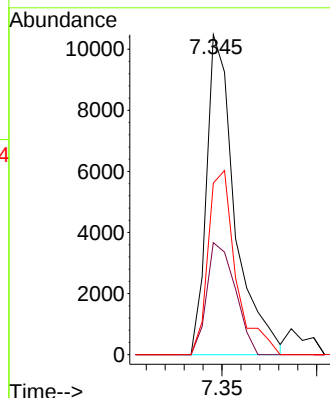
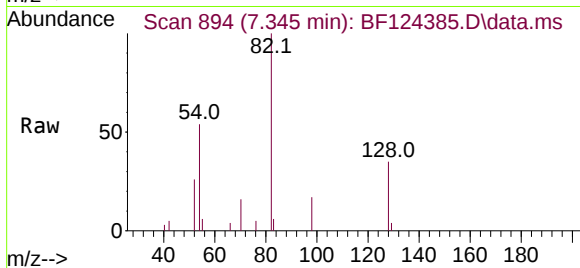
Instrument :

BNA_F

ClientSampleId :

OK-01-061721

Tgt Ion:	82	Resp:	10890
Ion Ratio	Lower	Upper	
82	100		
128	35.0	29.4	44.2
54	53.6	54.1	81.1#



#39

Acenaphthene-d10

Concen: 20.00 ng

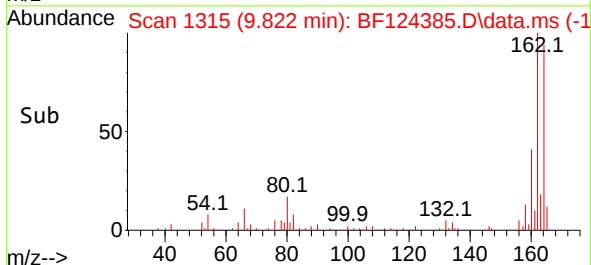
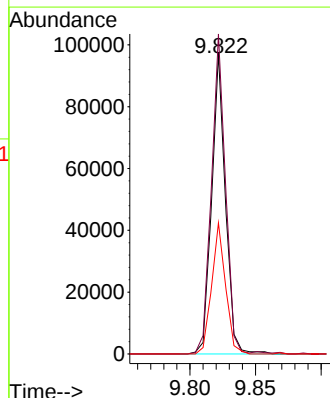
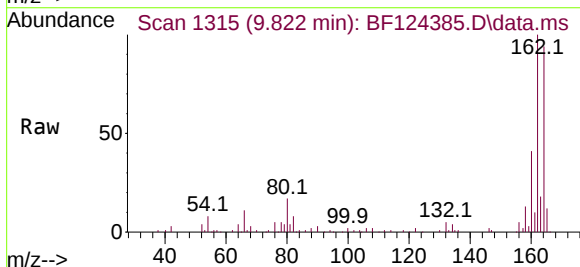
RT: 9.822 min Scan# 1315

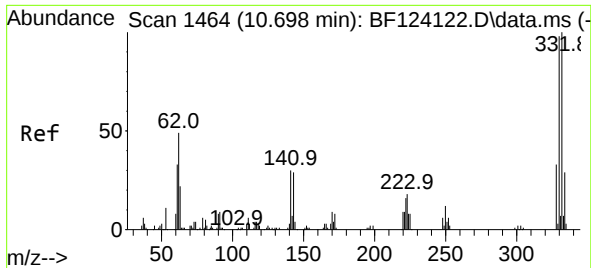
Delta R.T. -0.006 min

Lab File: BF124385.D

Acq: 18 Jun 2021 21:16

Tgt Ion:	164	Resp:	70915
Ion Ratio	Lower	Upper	
164	100		
162	106.4	80.7	121.1
160	43.6	37.3	55.9

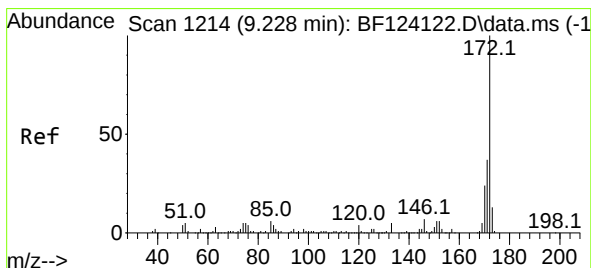
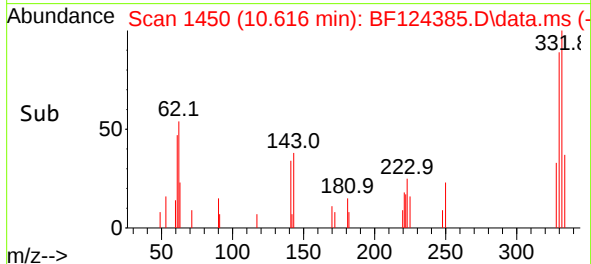
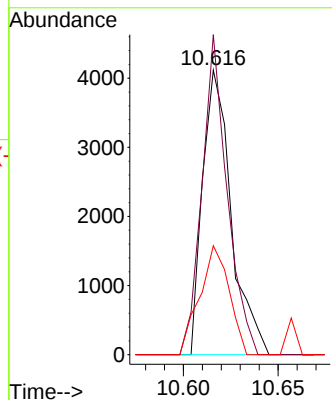
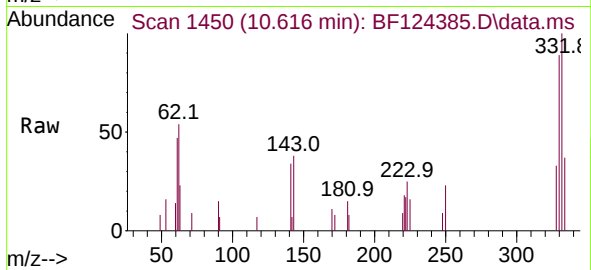




#42
2,4,6-Tribromophenol
Concen: 4.30 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124385.D
Acq: 18 Jun 2021 21:16

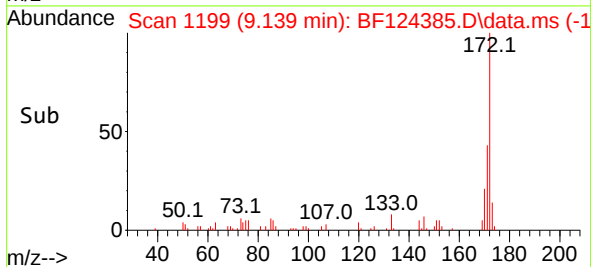
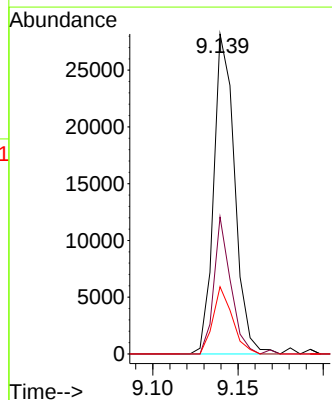
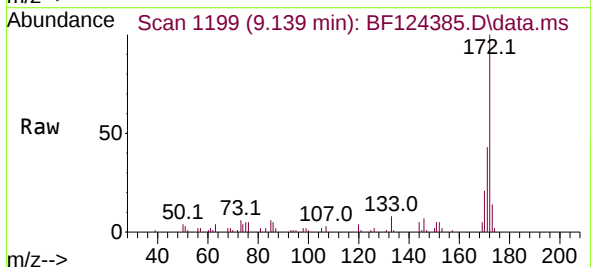
Instrument :
BNA_F
ClientSampleId :
OK-01-061721

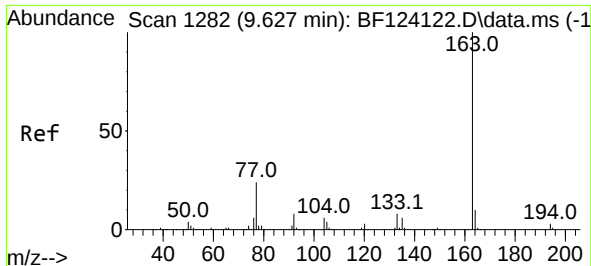
Tgt Ion: 330 Resp: 4324
Ion Ratio Lower Upper
330 100
332 99.1 77.1 115.7
141 39.4 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 4.29 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF124385.D
Acq: 18 Jun 2021 21:16

Tgt Ion: 172 Resp: 24188
Ion Ratio Lower Upper
172 100
171 42.8 28.1 42.1#
170 21.0 19.2 28.8

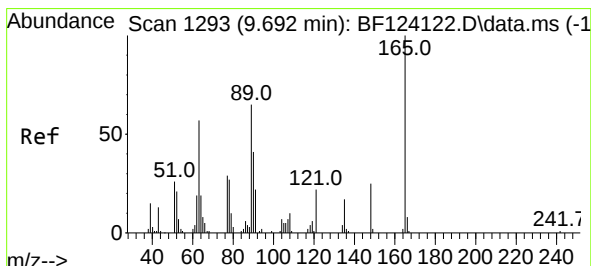
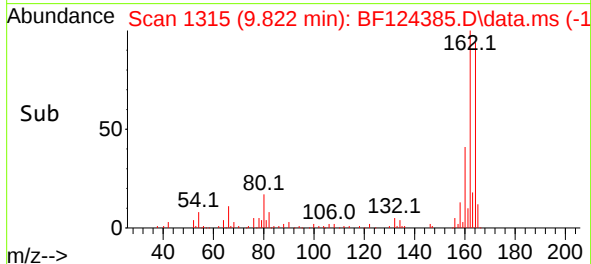
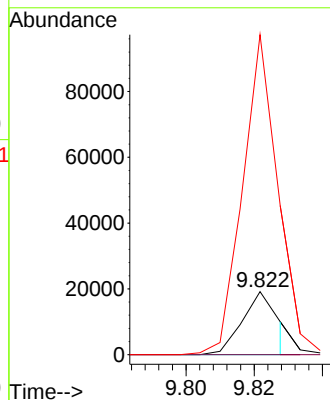
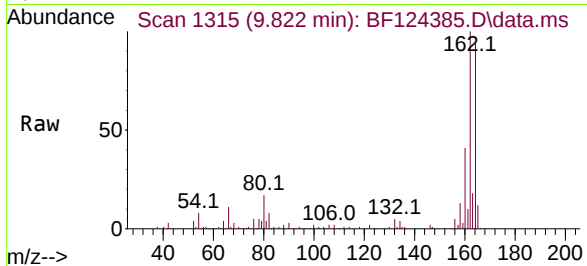




#50
Dimethylphthalate
Concen: 2.37 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124385.D
Acq: 18 Jun 2021 21:16

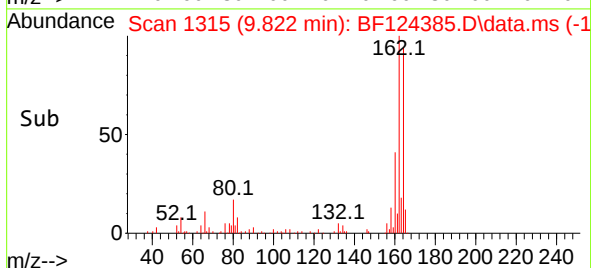
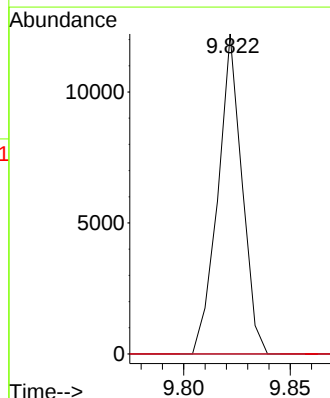
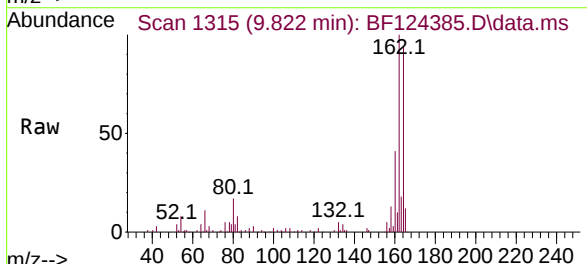
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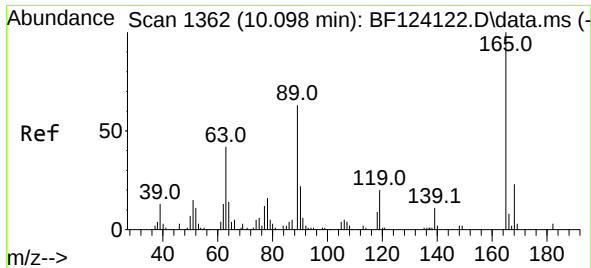
Tgt Ion:163 Resp: 13882
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 508.1 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.15 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124385.D
Acq: 18 Jun 2021 21:16

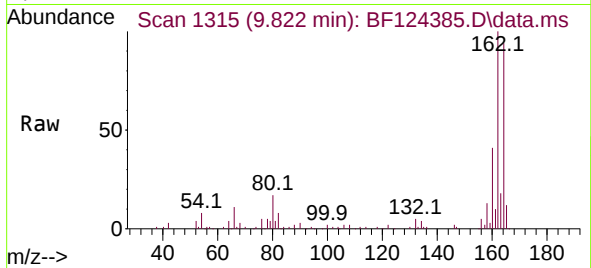
Tgt Ion:165 Resp: 9618
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



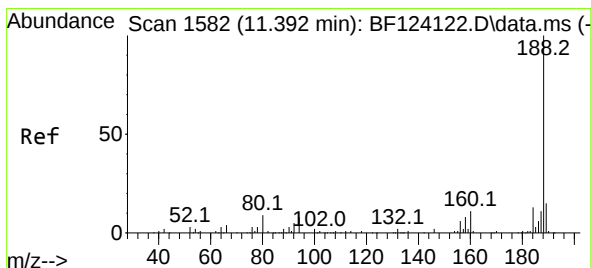
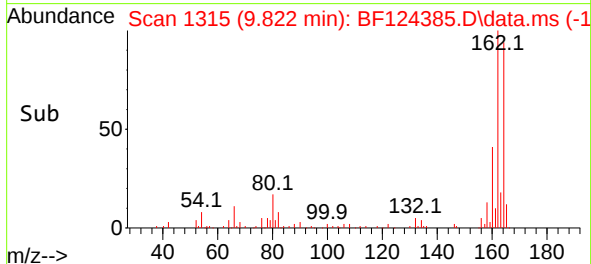
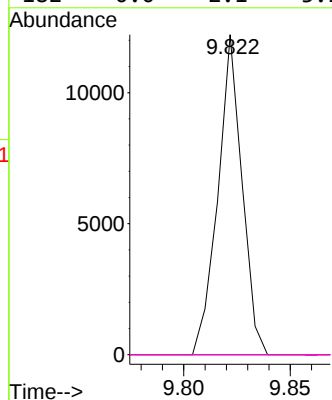


#57
2,4-Dinitrotoluene
Concen: 5.42 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124385.D
Acq: 18 Jun 2021 21:16

Instrument :
BNA_F
ClientSampleId :
OK-01-061721

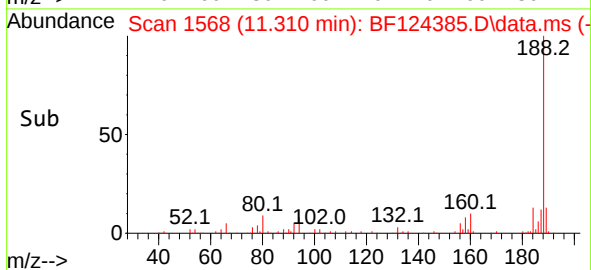
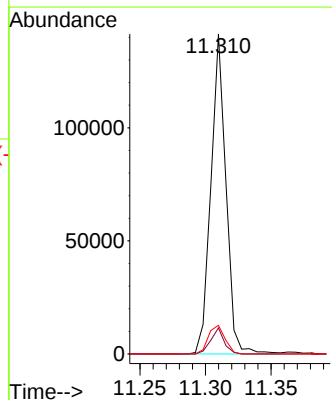
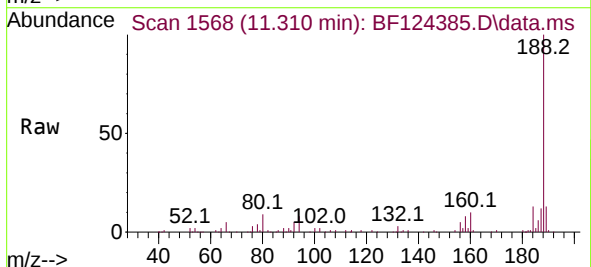


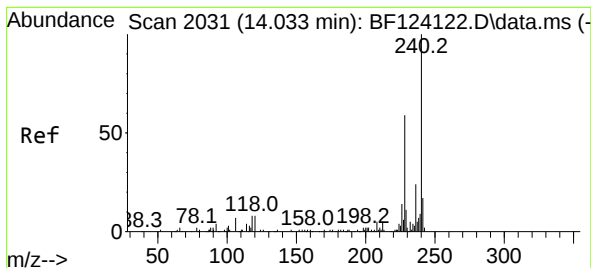
Tgt Ion:165 Resp: 9618
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124385.D
Acq: 18 Jun 2021 21:16

Tgt Ion:188 Resp: 113397
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 9.0 8.2 12.2





#76

Chrysene-d12

Concen: 20.00 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF124385.D

Acq: 18 Jun 2021 21:16

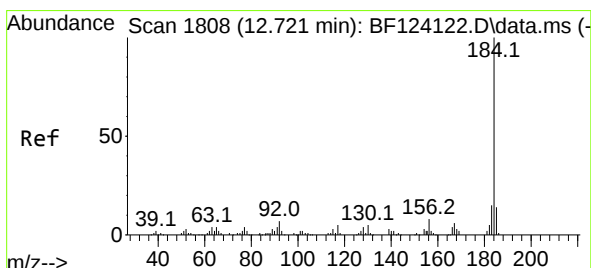
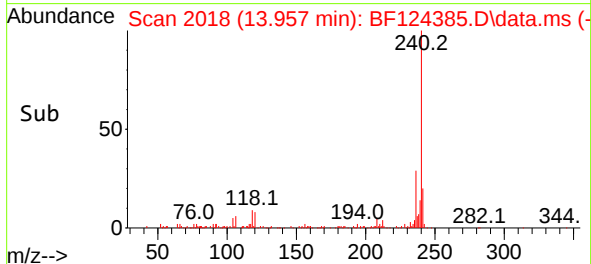
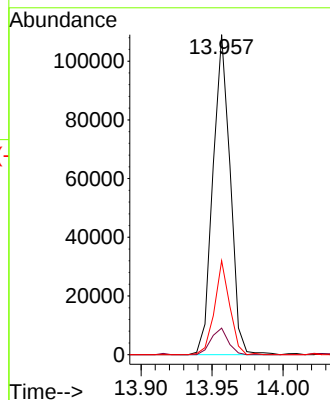
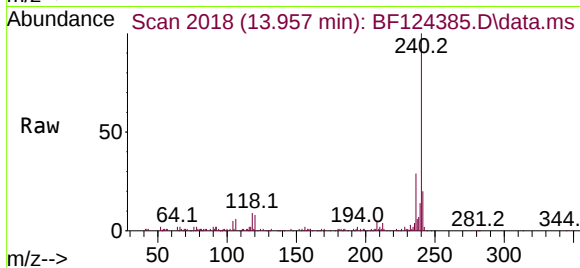
Tgt Ion:	240	Resp:	92273
Ion Ratio	Lower	Upper	
240	100		
120	8.3	7.2	10.8
236	29.4	19.0	28.4#

Instrument :

BNA_F

ClientSampleId :

OK-01-061721



#77

Benzidine

Concen: 4.11 ng

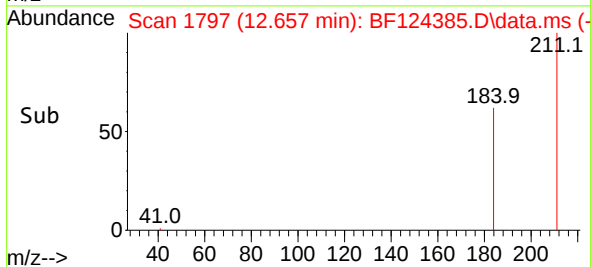
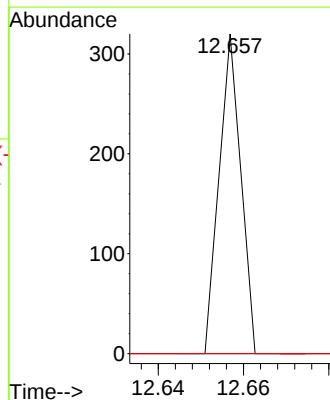
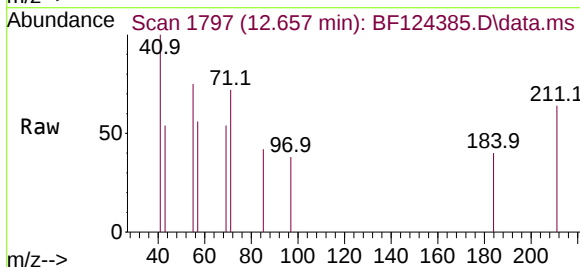
RT: 12.657 min Scan# 1797

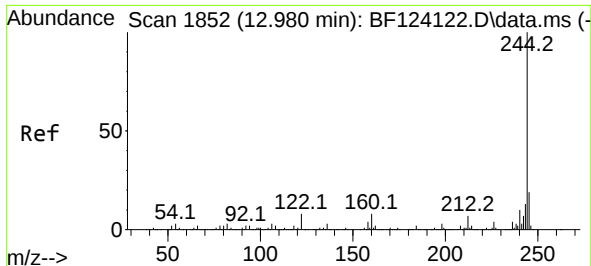
Delta R.T. -0.041 min

Lab File: BF124385.D

Acq: 18 Jun 2021 21:16

Tgt Ion:	184	Resp:	113
Ion Ratio	Lower	Upper	
184	100		
185	0.0	12.1	18.1#
183	0.0	7.8	11.8#

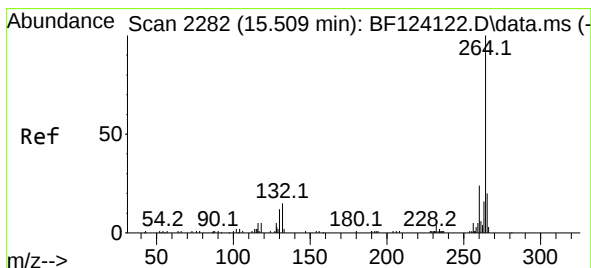
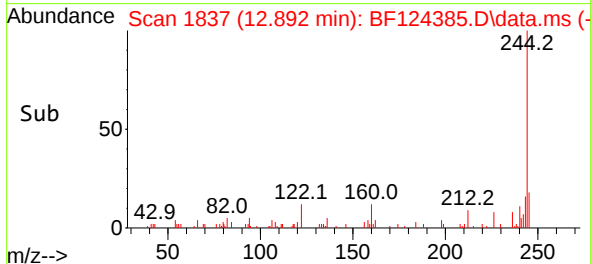
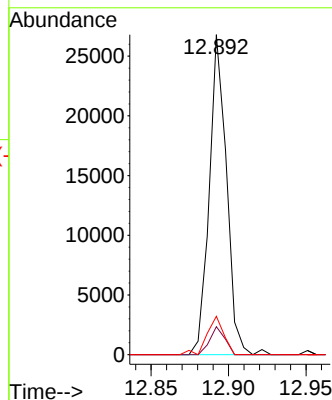
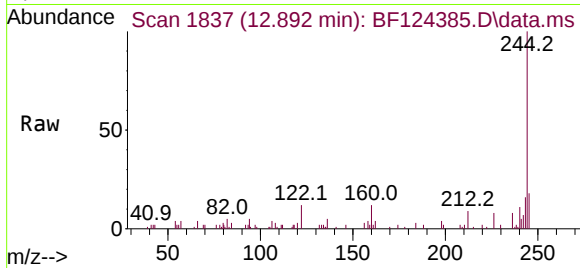




#79
Terphenyl-d14
Concen: 3.09 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF124385.D
Acq: 18 Jun 2021 21:16

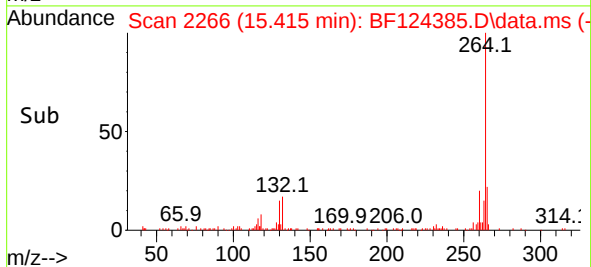
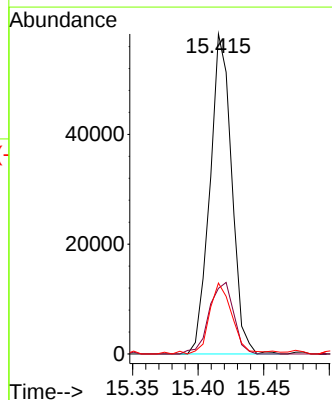
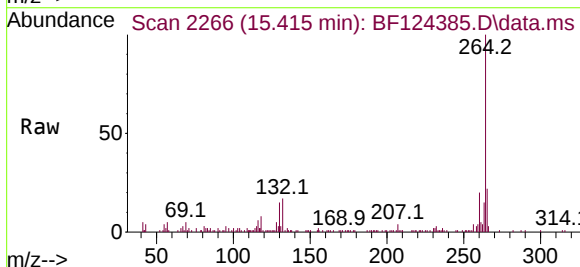
Instrument :
BNA_F
ClientSampleId :
OK-01-061721

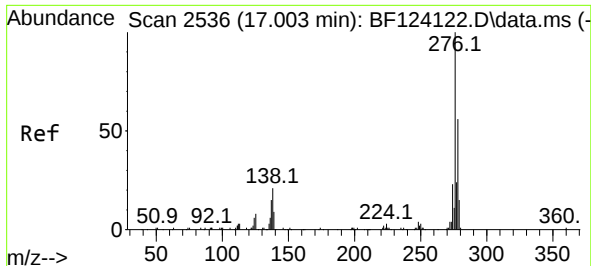
Tgt Ion:244 Resp: 20751
Ion Ratio Lower Upper
244 100
212 8.7 5.7 8.5#
122 12.0 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF124385.D
Acq: 18 Jun 2021 21:16

Tgt Ion:264 Resp: 67308
Ion Ratio Lower Upper
264 100
260 20.5 18.7 28.1
265 22.2 17.8 26.8

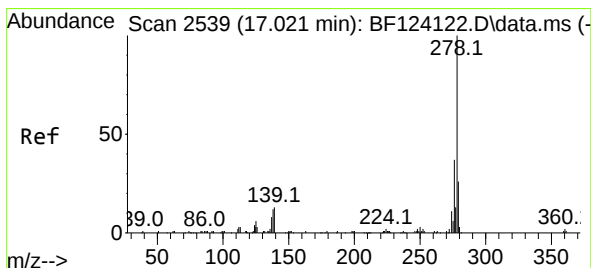
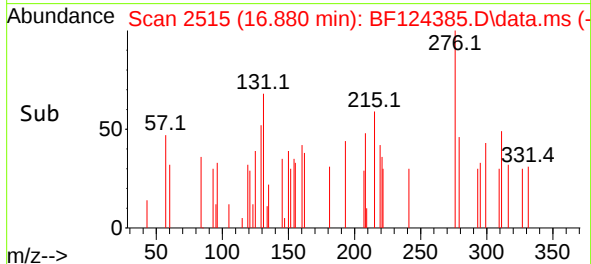
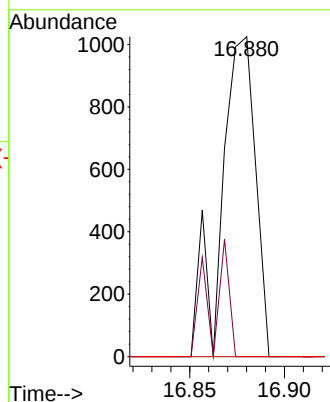
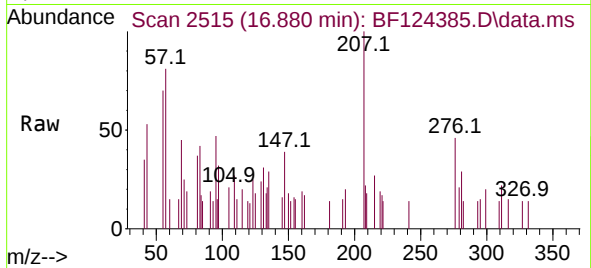




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.54 ng
RT: 16.880 min Scan# 2515
Delta R.T. 0.006 min
Lab File: BF124385.D
Acq: 18 Jun 2021 21:16

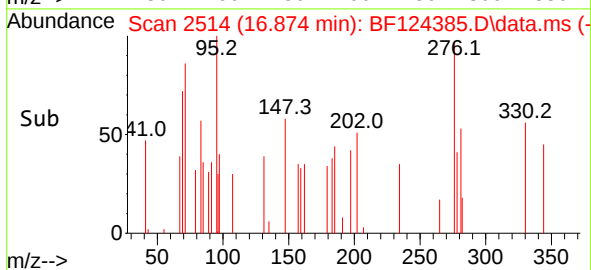
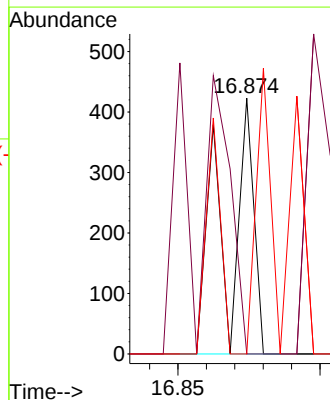
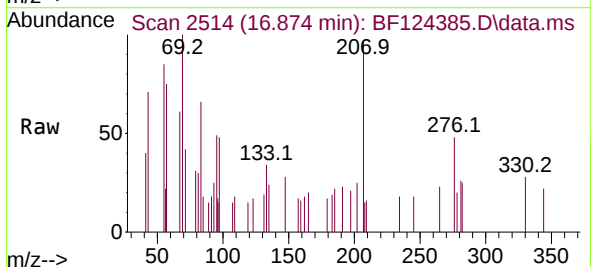
Instrument :
BNA_F
ClientSampleId :
OK-01-061721

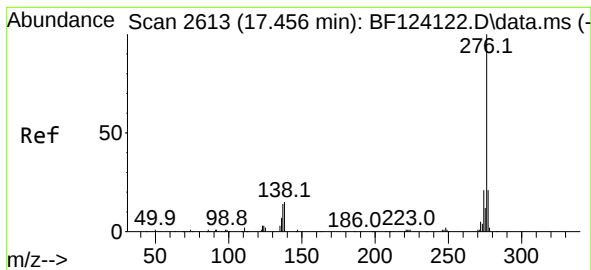
Tgt Ion:276 Resp: 1292
Ion Ratio Lower Upper
276 100
138 0.0 16.2 24.2#
277 0.0 20.1 30.1#



#91
Dibenzo(a,h)anthracene
Concen: 4.23 ng
RT: 16.874 min Scan# 2514
Delta R.T. -0.012 min
Lab File: BF124385.D
Acq: 18 Jun 2021 21:16

Tgt Ion:278 Resp: 283
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: 4.17 ng
RT: 17.309 min Scan# 2588
Delta R.T. -0.006 min
Lab File: BF124385.D
Acq: 18 Jun 2021 21:16

Instrument :
BNA_F
ClientSampleId :
OK-01-061721

Tgt Ion: 276 Resp: 1873
Ion Ratio Lower Upper
276 100
277 0.0 18.2 27.2#
138 0.0 13.8 20.6#

