

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
 Data File : BF124379.D
 Acq On : 18 Jun 2021 17:59
 Operator : JU/CG
 Sample : M2709-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0249-AMND-COMP-N(CL-22)

Quant Time: Jun 18 23:17:25 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)

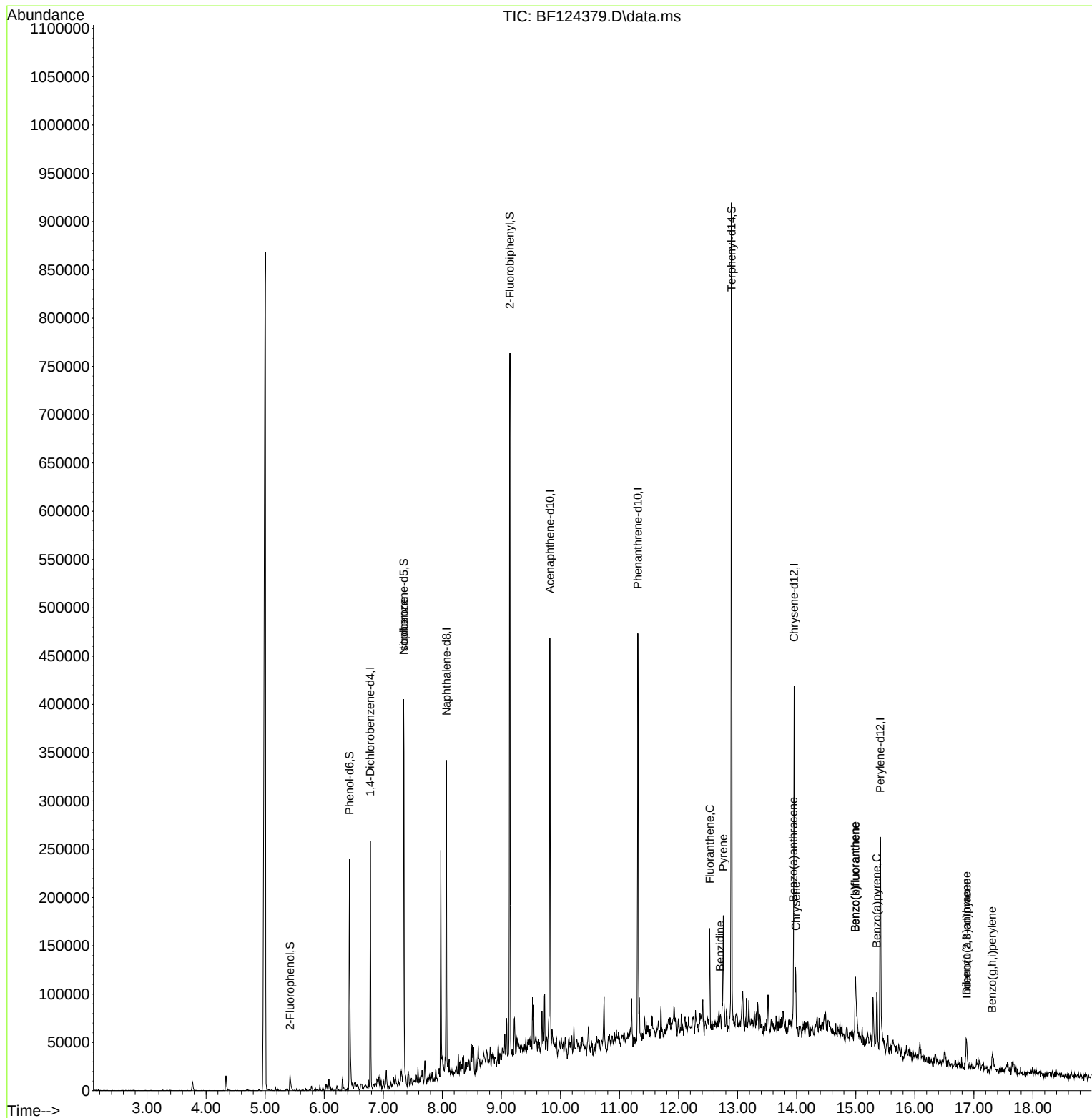
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	31133	20.00	ng	0.00
21) Naphthalene-d8	8.069	136	114938	20.00	ng	# 0.00
39) Acenaphthene-d10	9.822	164	71955	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	138153	20.00	ng	0.00
76) Chrysene-d12	13.957	240	99627	20.00	ng	0.00
86) Perylene-d12	15.415	264	88043	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	6336	3.06	ng	0.00
7) Phenol-d6	6.428	99	70714	25.44	ng	-0.02
23) Nitrobenzene-d5	7.345	82	113592	39.20	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	1141	1.12	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	196679	34.40	ng	0.00
79) Terphenyl-d14	12.898	244	239434	33.00	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.345	82	115100	22.04	ng	# 70
75) Fluoranthene	12.527	202	36128	3.99	ng	99
77) Benzidine	12.704	184	309	4.18	ng	# 68
78) Pyrene	12.757	202	41469	4.33	ng	99
81) Benzo(a)anthracene	13.945	228	25488	3.51	ng	# 88
83) Chrysene	13.986	228	26544	3.79	ng	# 93
87) Indeno(1,2,3-cd)pyrene	16.880	276	13993	6.07	ng	# 92
88) Benzo(b)fluoranthene	14.992	252	41539	6.07	ng	# 96
89) Benzo(k)fluoranthene	14.992	252	41539	6.42	ng	# 97
90) Benzo(a)pyrene	15.357	252	21338	3.59	ng	# 93
91) Dibenzo(a,h)anthracene	16.874	278	4569	4.84	ng	# 79
92) Benzo(g,h,i)perylene	17.309	276	13273	5.79	ng	96

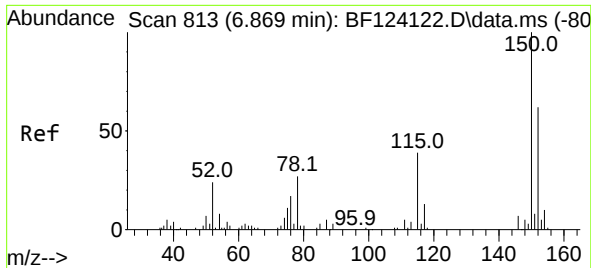
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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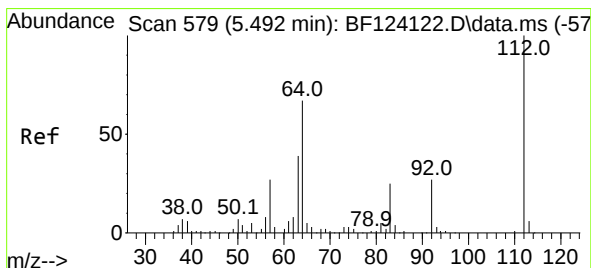
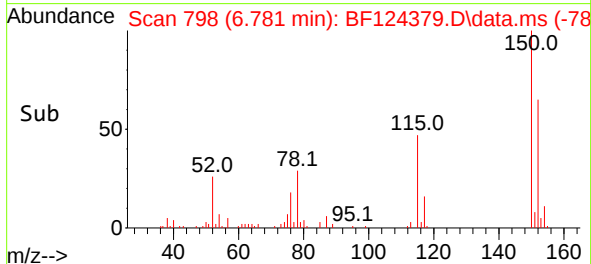
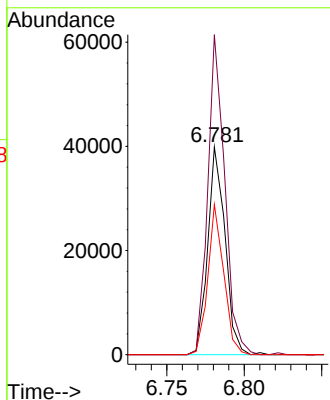
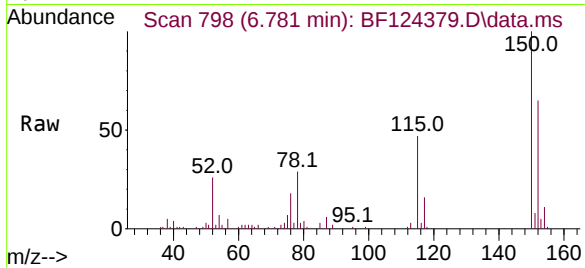




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

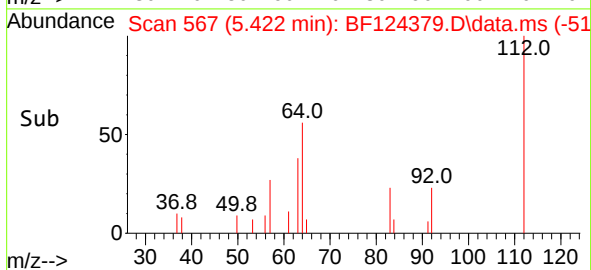
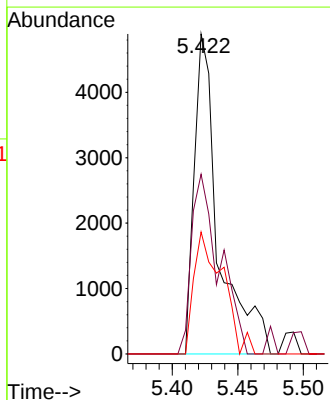
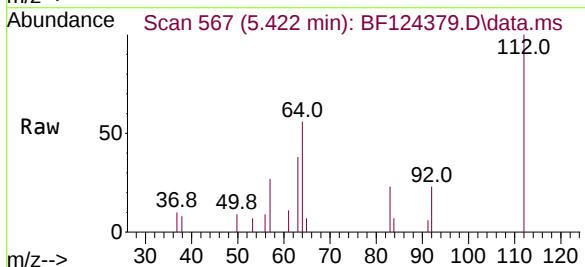
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 31133
Ion Ratio Lower Upper
152 100
150 154.1 127.0 190.6
115 72.3 54.3 81.5



#5
2-Fluorophenol
Concen: 3.06 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

Tgt Ion:112 Resp: 6336
Ion Ratio Lower Upper
112 100
64 56.2 61.4 92.0#
63 38.1 33.0 49.4

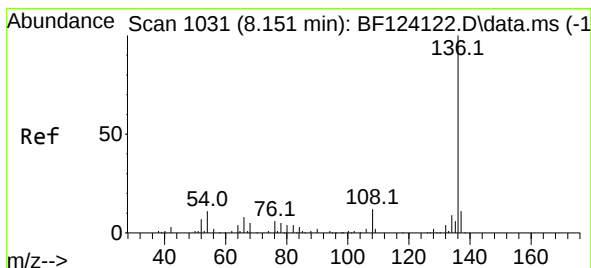
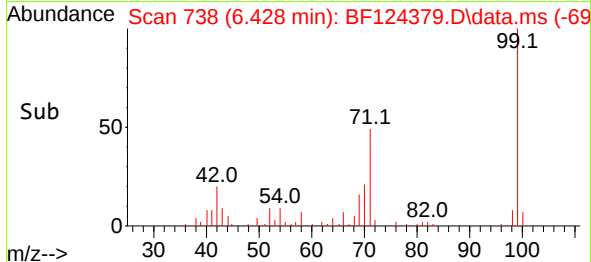
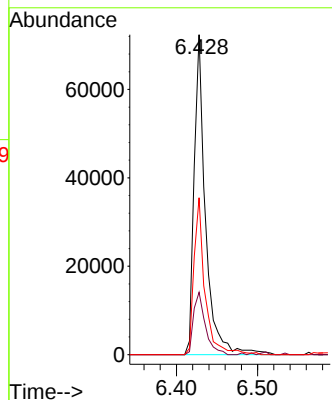
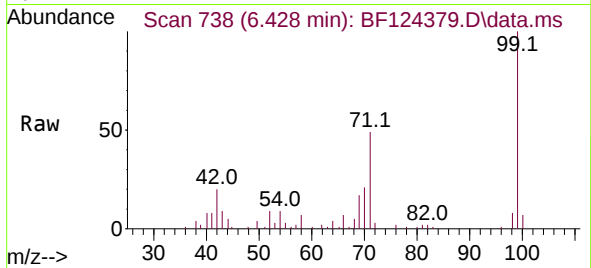




#7
Phenol-d6
Concen: 25.44 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

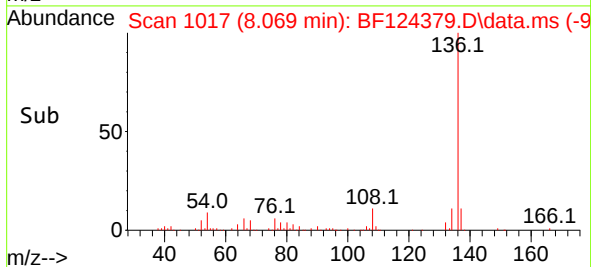
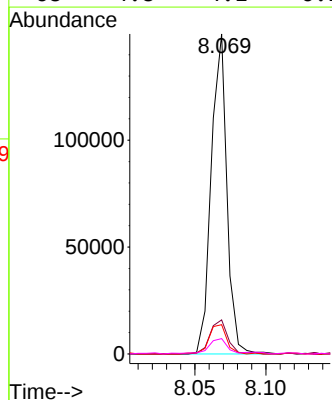
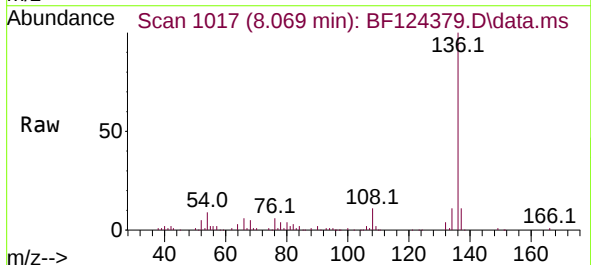
Instrument :
BNA_F
ClientSampleId :
0249-AMND-COMP-N(CL-22)

Tgt Ion: 99 Resp: 70714
Ion Ratio Lower Upper
99 100
42 19.5 19.8 29.8#
71 49.0 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: BF124379.D
Acq: 18 Jun 2021 17:59

Tgt Ion: 136 Resp: 114938
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.2 9.8 14.6#
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 39.20 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF124379.D

Acq: 18 Jun 2021 17:59

Instrument :

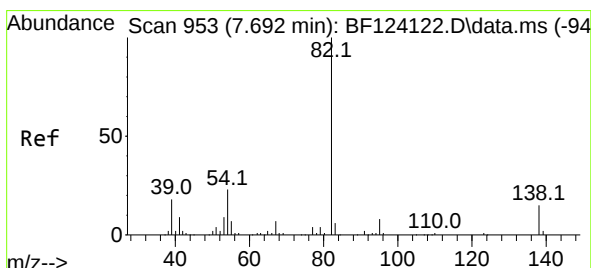
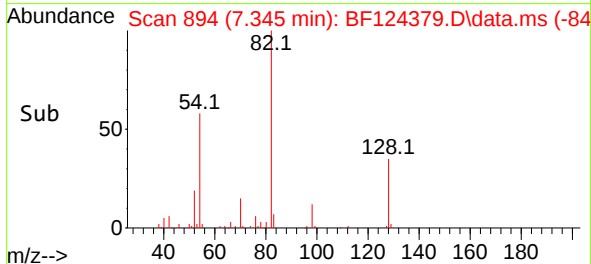
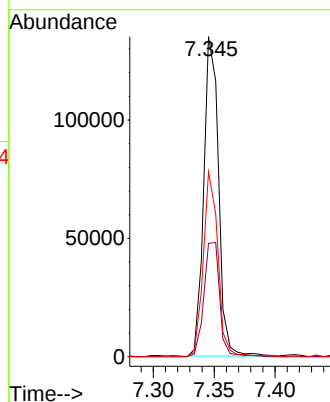
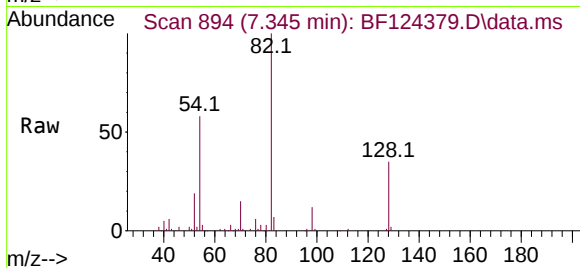
BNA_F

ClientSampleId :

0249-AMND-COMP-N(CL-22)

Tgt Ion: 82 Resp: 113592

Ion	Ratio	Lower	Upper
82	100		
128	35.4	29.4	44.2
54	57.8	54.1	81.1



#25

Isophorone

Concen: 22.04 ng

RT: 7.345 min Scan# 894

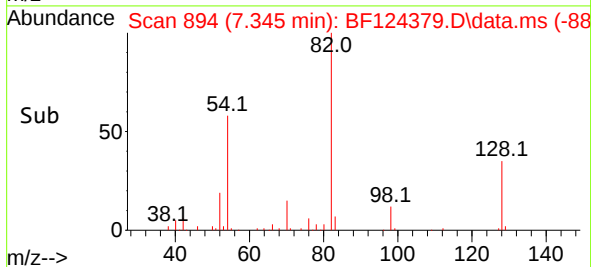
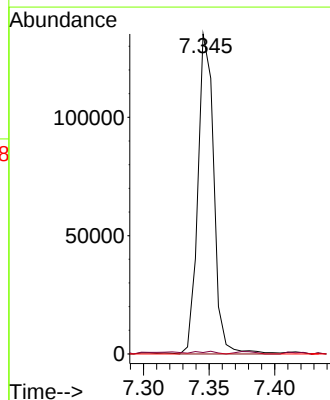
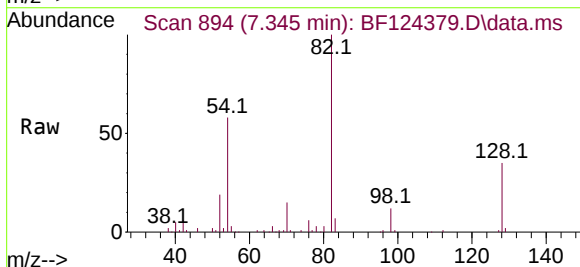
Delta R.T. -0.270 min

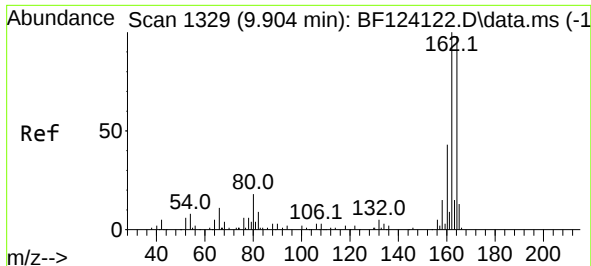
Lab File: BF124379.D

Acq: 18 Jun 2021 17:59

Tgt Ion: 82 Resp: 115100

Ion	Ratio	Lower	Upper
82	100		
95	0.4	5.8	8.6#
138	0.0	11.8	17.8#

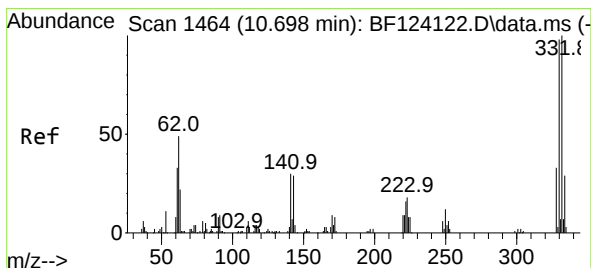
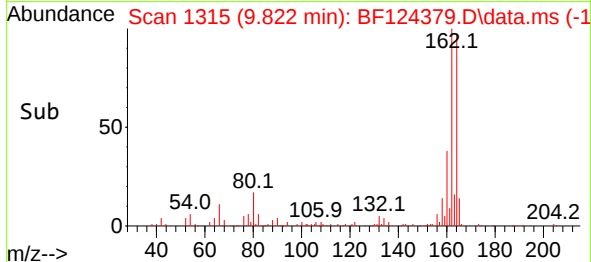
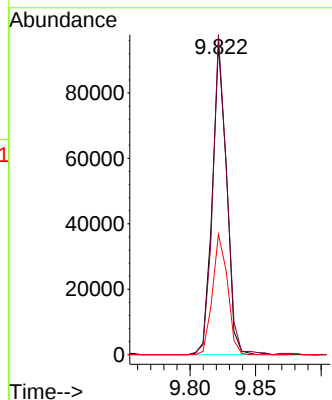
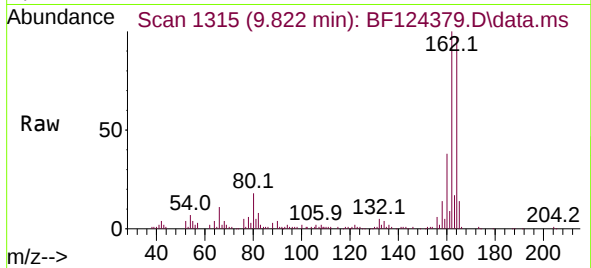




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

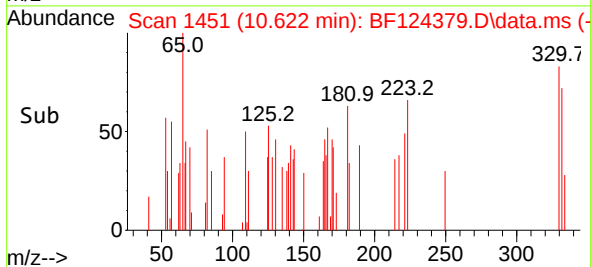
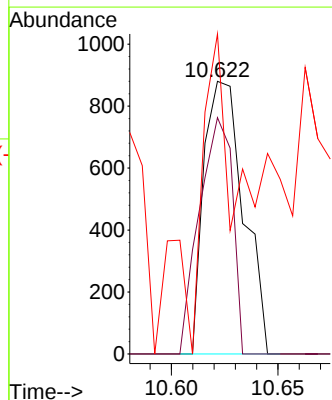
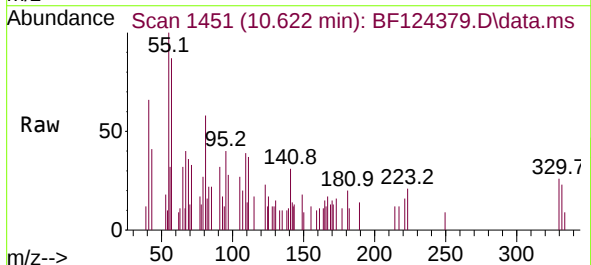
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ClientSampleId :
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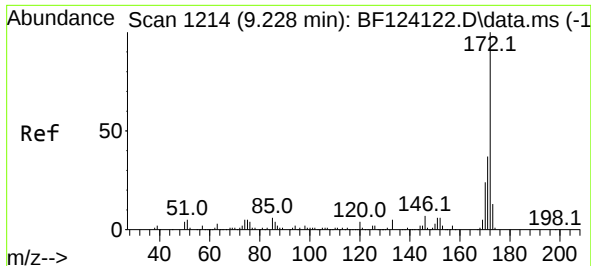
Tgt Ion:164	Resp:	71955
Ion Ratio	Lower	Upper
164	100	
162	103.1	80.7 121.1
160	38.9	37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 1.12 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

Tgt Ion:330	Resp:	1141
Ion Ratio	Lower	Upper
330	100	
332	72.1	77.1 115.7#
141	45.0	27.9 41.9#

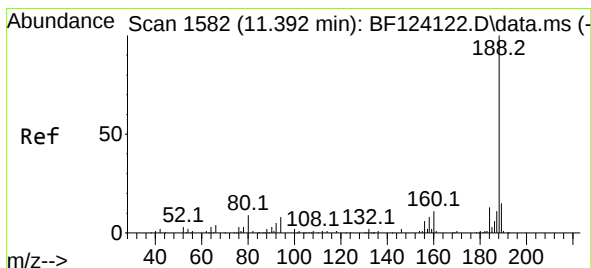
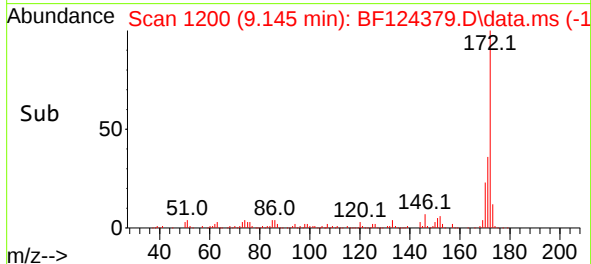
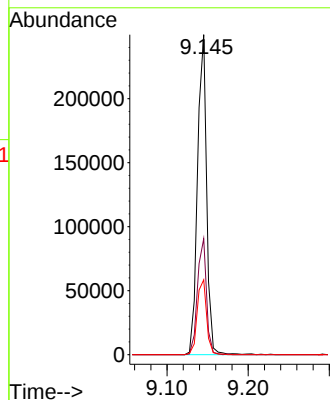
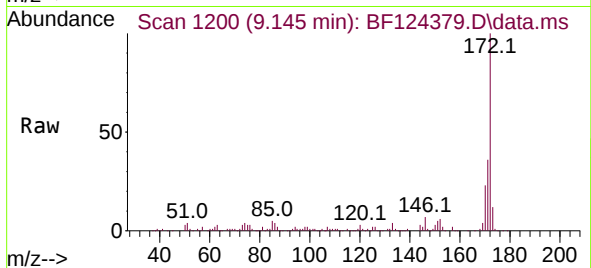




#45
2-Fluorobiphenyl
Concen: 34.40 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

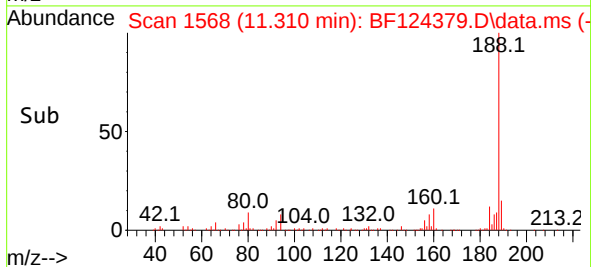
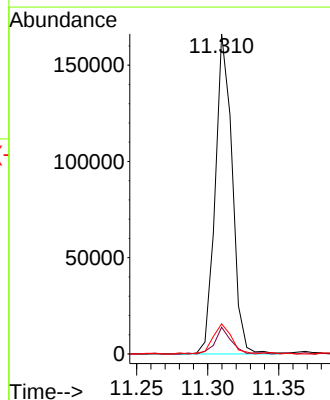
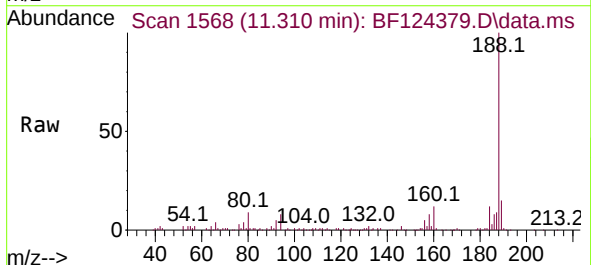
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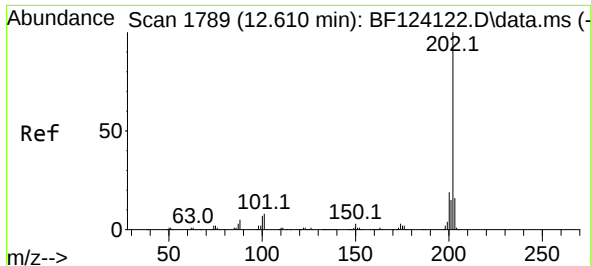
Tgt Ion:172 Resp: 196679
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 23.4 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

Tgt Ion:188 Resp: 138153
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.4 8.2 12.2

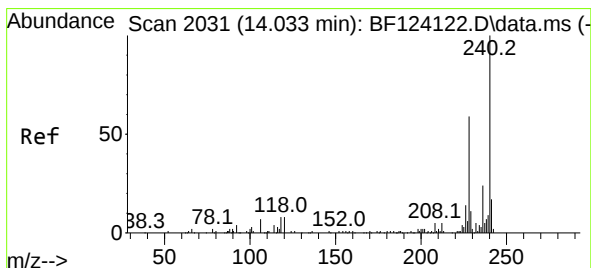
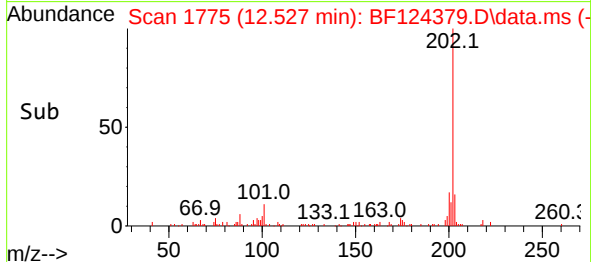
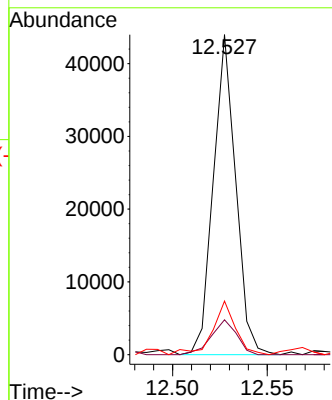
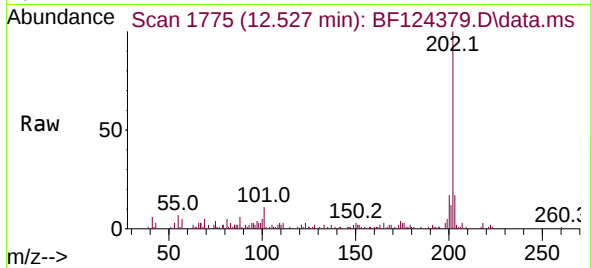




#75
Fluoranthene
Concen: 3.99 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

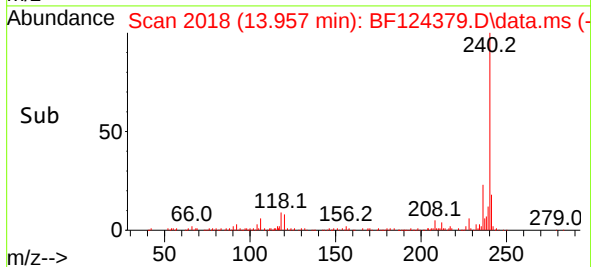
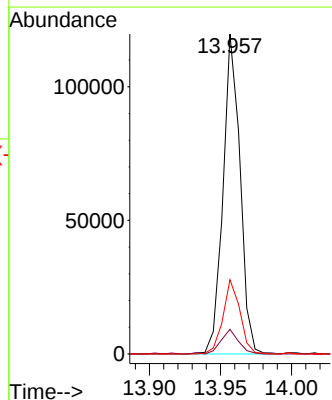
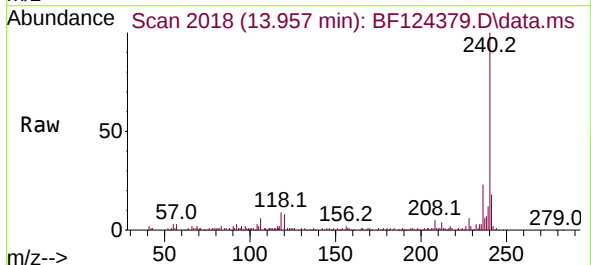
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0249-AMND-COMP-N(CL-22)

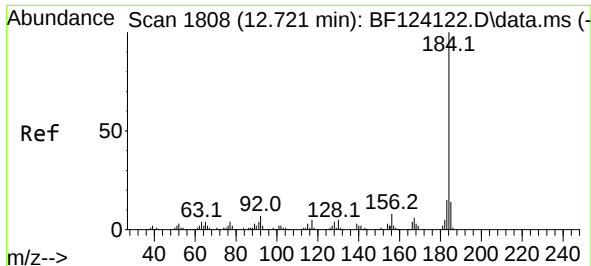
Tgt Ion:202	Resp:	36128
Ion Ratio	Lower	Upper
202	100	
101	10.9	0.0 30.9
203	16.7	0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

Tgt Ion:240	Resp:	99627
Ion Ratio	Lower	Upper
240	100	
120	7.7	7.2 10.8
236	23.2	19.0 28.4

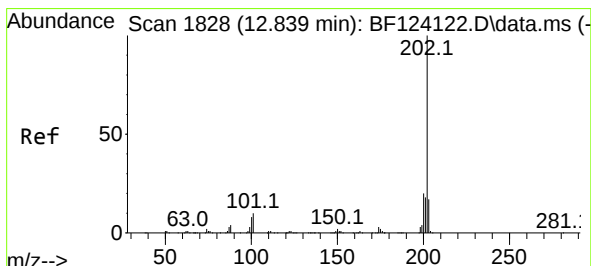
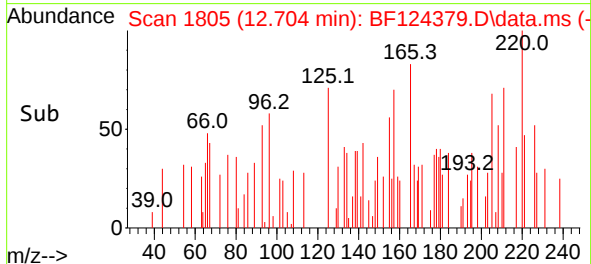
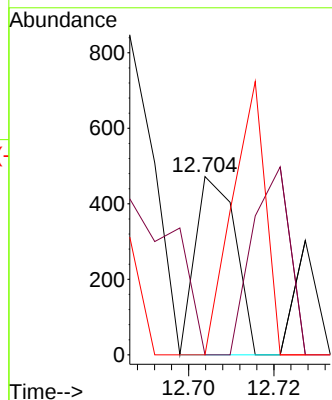
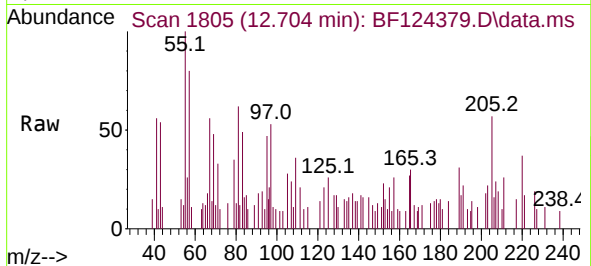




#77
Benzidine
Concen: 4.18 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

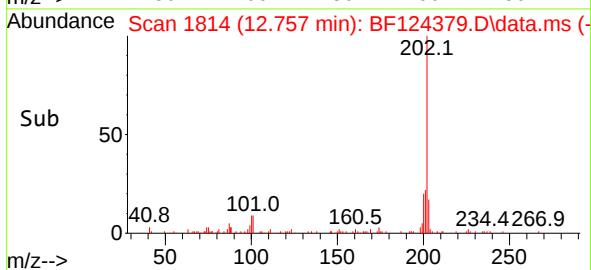
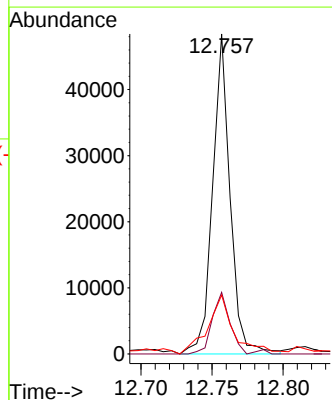
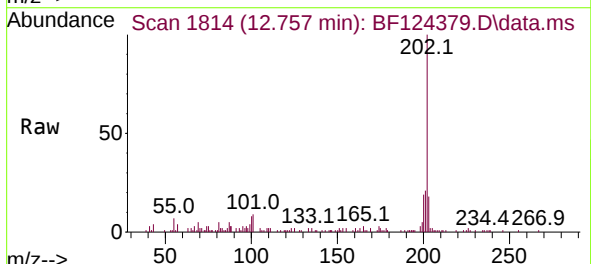
Instrument :
BNA_F
ClientSampleId :
0249-AMND-COMP-N(CL-22)

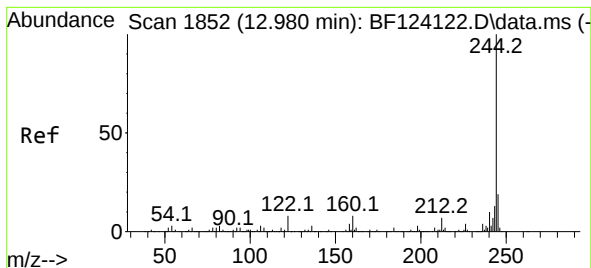
Tgt Ion:184 Resp: 309
Ion Ratio Lower Upper
184 100
185 0.0 12.1 18.1#
183 0.0 7.8 11.8#



#78
Pyrene
Concen: 4.33 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

Tgt Ion:202 Resp: 41469
Ion Ratio Lower Upper
202 100
200 19.3 16.1 24.1
203 18.4 14.8 22.2





#79

Terphenyl-d14

Concen: 33.00 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF124379.D

Acq: 18 Jun 2021 17:59

Tgt Ion:244 Resp: 239434

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

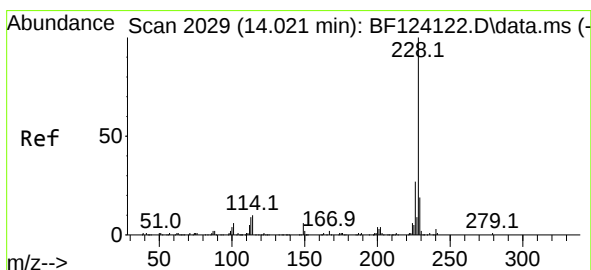
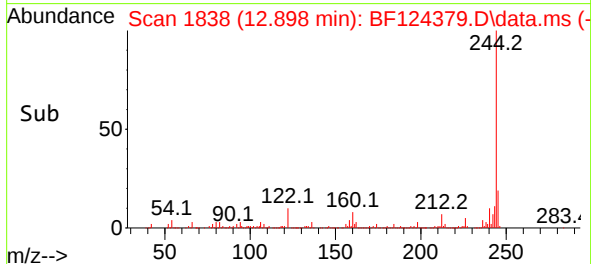
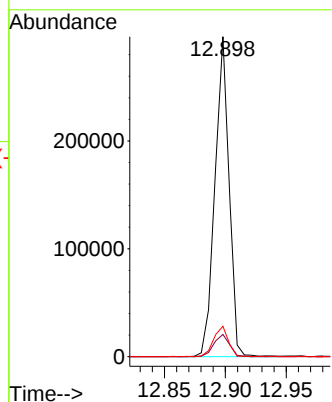
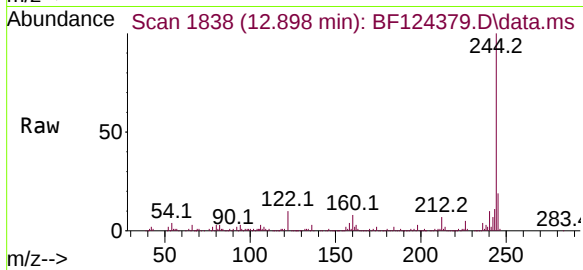
122 9.5 9.7 14.5#

Instrument :

BNA_F

ClientSampleId :

0249-AMND-COMP-N(CL-22)



#81

Benzo(a)anthracene

Concen: 3.51 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF124379.D

Acq: 18 Jun 2021 17:59

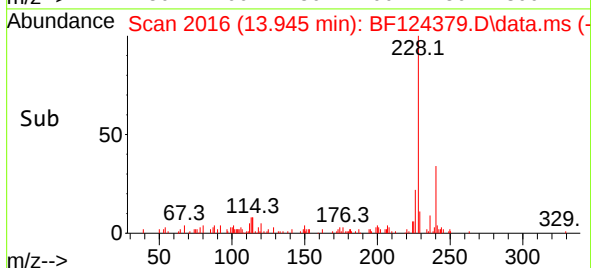
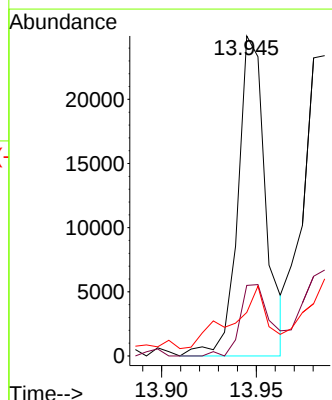
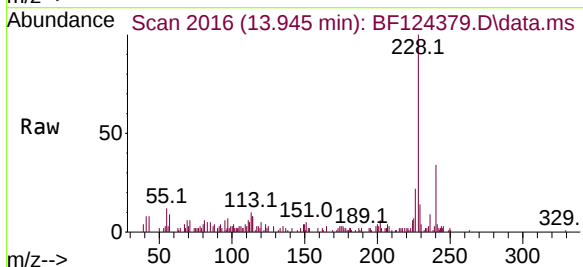
Tgt Ion:228 Resp: 25488

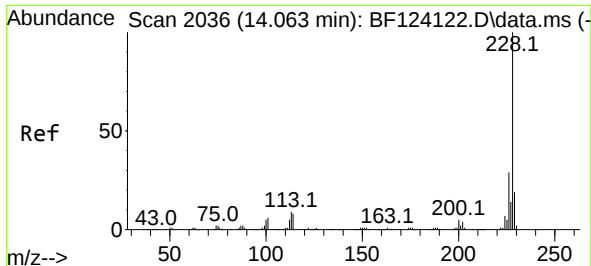
Ion Ratio Lower Upper

228 100

226 22.0 22.4 33.6#

229 13.6 16.0 24.0#

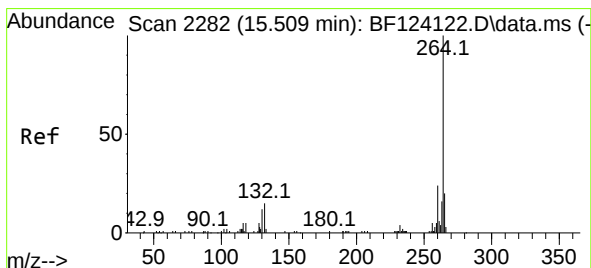
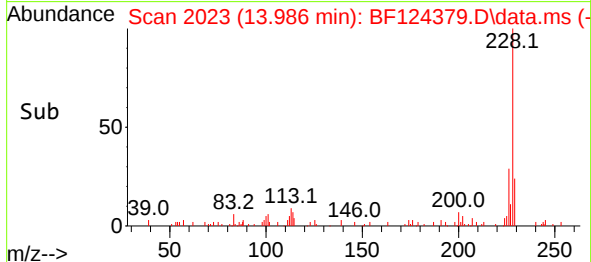
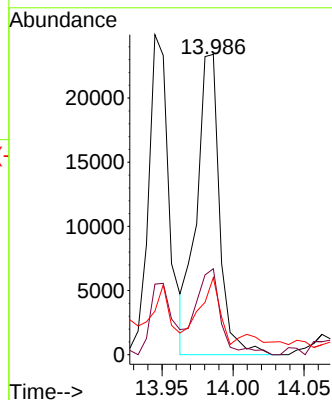
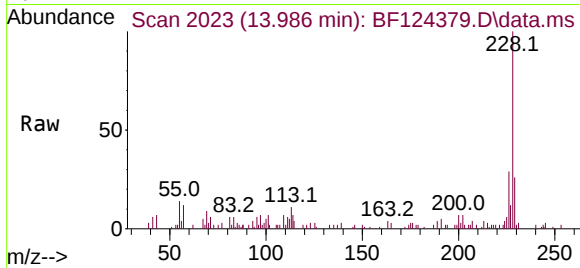




#83
Chrysene
Concen: 3.79 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

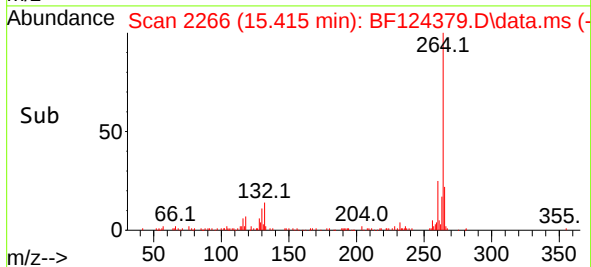
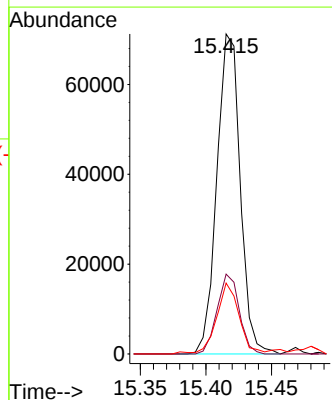
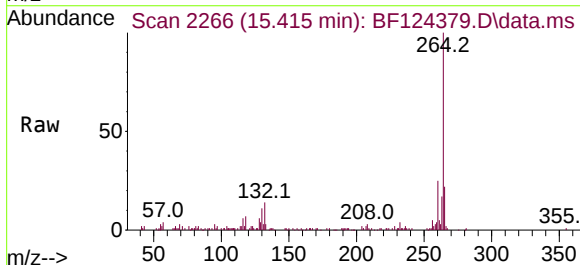
Instrument :
BNA_F
ClientSampleId :
0249-AMND-COMP-N(CL-22)

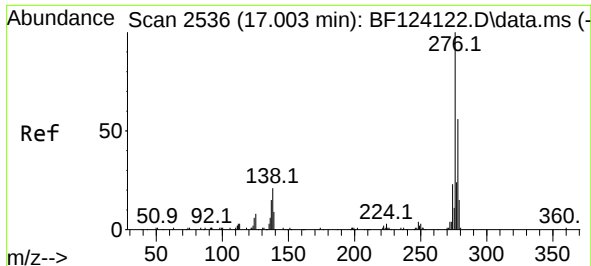
Tgt Ion:	228	Resp:	26544
Ion Ratio	Lower	Upper	
228	100		
226	28.6	24.3	36.5
229	25.7	16.2	24.2#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

Tgt Ion:	264	Resp:	88043
Ion Ratio	Lower	Upper	
264	100		
260	25.0	18.7	28.1
265	22.1	17.8	26.8

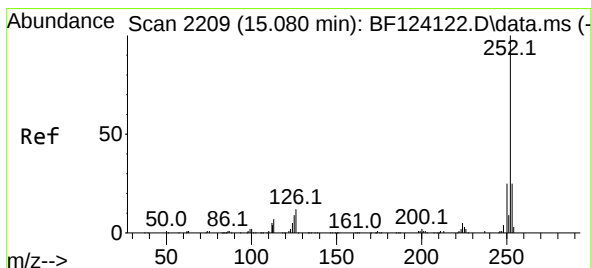
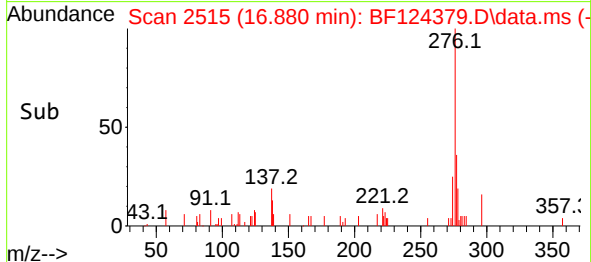
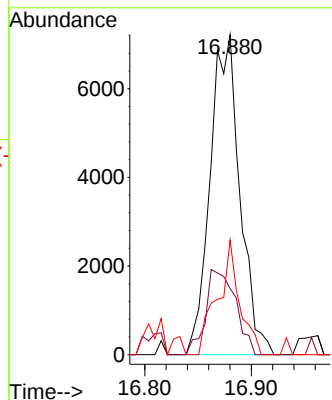
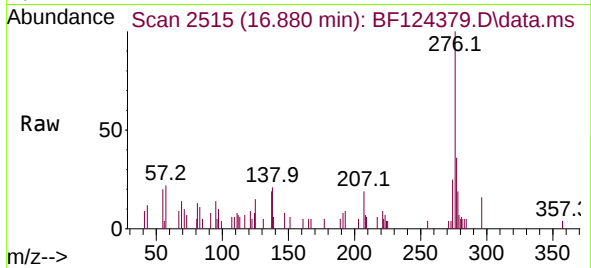




#87
Indeno(1,2,3-cd)pyrene
Concen: 6.07 ng
RT: 16.880 min Scan# 2515
Delta R.T. 0.006 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

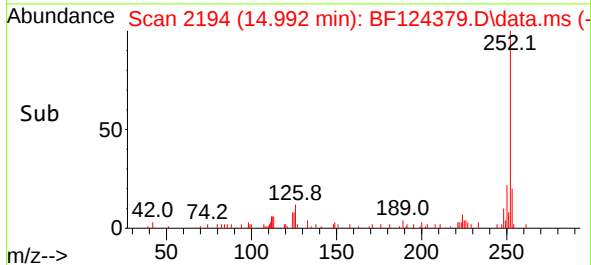
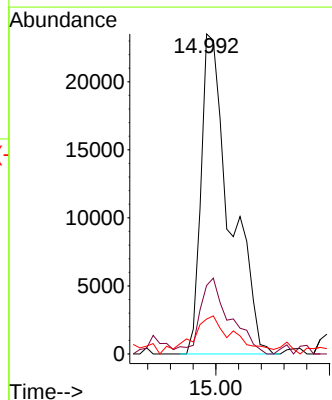
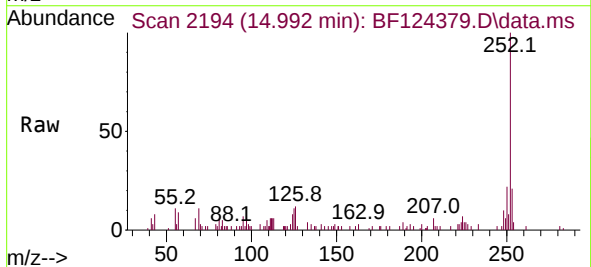
Instrument :
BNA_F
ClientSampleId :
0249-AMND-COMP-N(CL-22)

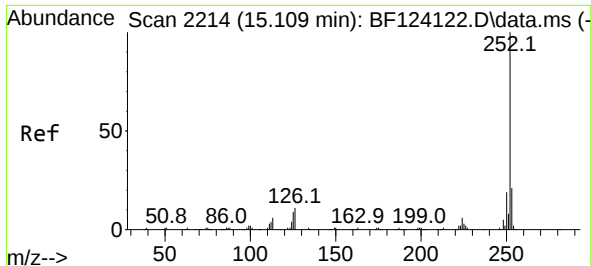
Tgt Ion:276 Resp: 13993
Ion Ratio Lower Upper
276 100
138 26.7 16.2 24.2#
277 26.5 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 6.07 ng
RT: 14.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

Tgt Ion:252 Resp: 41539
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 10.9 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 6.42 ng

RT: 14.992 min Scan# 2194

Delta R.T. -0.035 min

Lab File: BF124379.D

Acq: 18 Jun 2021 17:59

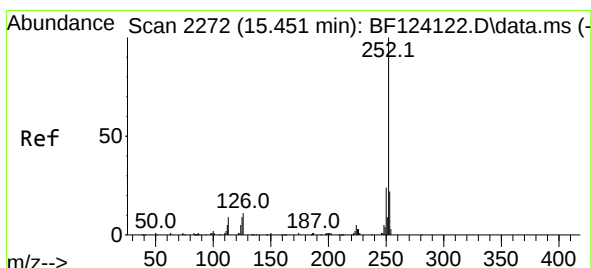
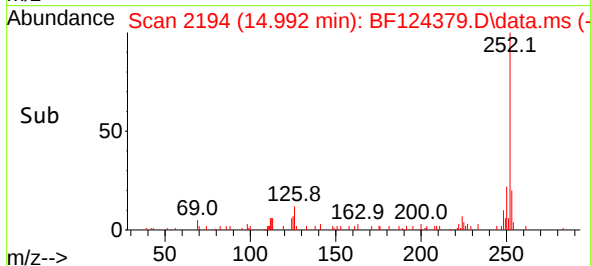
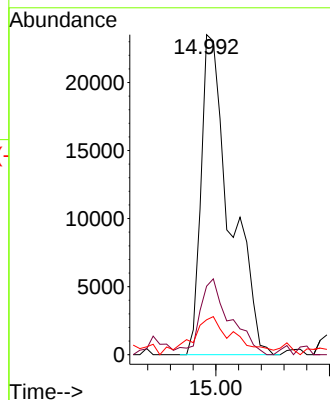
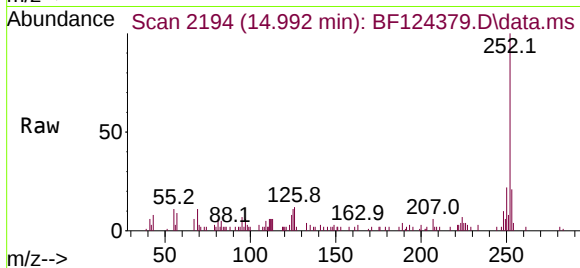
Tgt Ion:252	Resp:	41539
Ion Ratio	Lower	Upper
252	100	
253	21.4	17.9 26.9
125	10.9	7.0 10.6#

Instrument :

BNA_F

ClientSampleId :

0249-AMND-COMP-N(CL-22)



#90

Benzo(a)pyrene

Concen: 3.59 ng

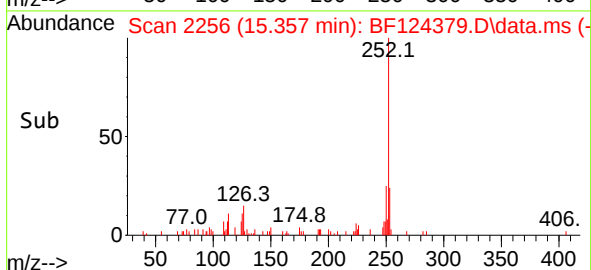
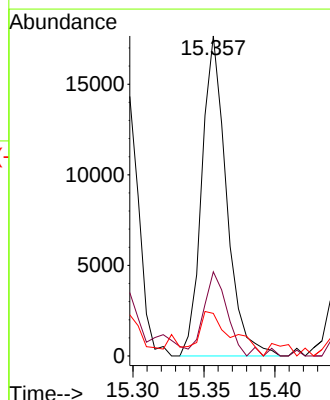
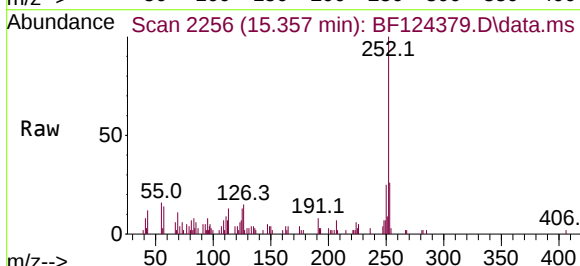
RT: 15.357 min Scan# 2256

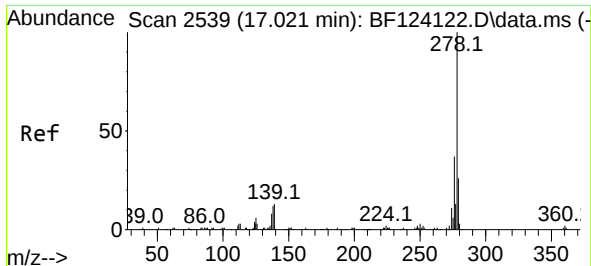
Delta R.T. 0.000 min

Lab File: BF124379.D

Acq: 18 Jun 2021 17:59

Tgt Ion:252	Resp:	21338
Ion Ratio	Lower	Upper
252	100	
253	26.3	18.4 27.6
125	13.3	8.0 12.0#

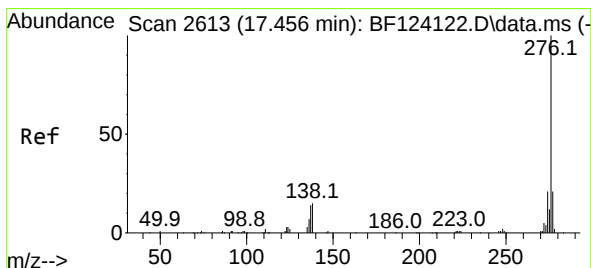
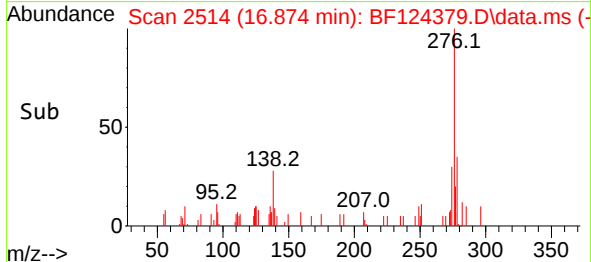
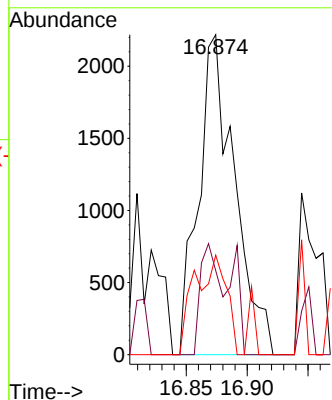
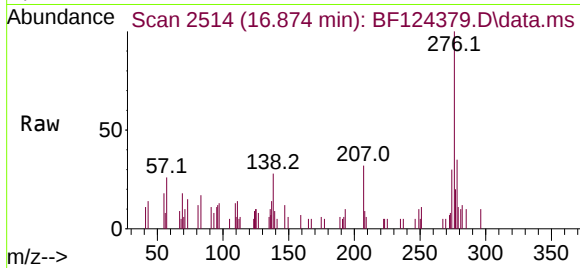




#91
Dibenzo(a,h)anthracene
Concen: 4.84 ng
RT: 16.874 min Scan# 2514
Delta R.T. -0.012 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

Instrument :
BNA_F
ClientSampleId :
0249-AMND-COMP-N(CL-22)

Tgt Ion:	278	Resp:	4569
Ion Ratio	Lower	Upper	
278	100		
139	26.2	10.2	15.2#
279	31.1	19.4	29.0#



#92
Benzo(g,h,i)perylene
Concen: 5.79 ng
RT: 17.309 min Scan# 2588
Delta R.T. -0.006 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

Tgt Ion:	276	Resp:	13273
Ion Ratio	Lower	Upper	
276	100		
277	20.3	18.2	27.2
138	18.3	13.8	20.6

