

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124148.D
 Acq On : 4 Jun 2021 19:44
 Operator : JU/CG
 Sample : M2512-08 50X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1-3

Quant Time: Jun 04 22:51:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 04 09:56:24 2021
 Response via : Initial Calibration

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

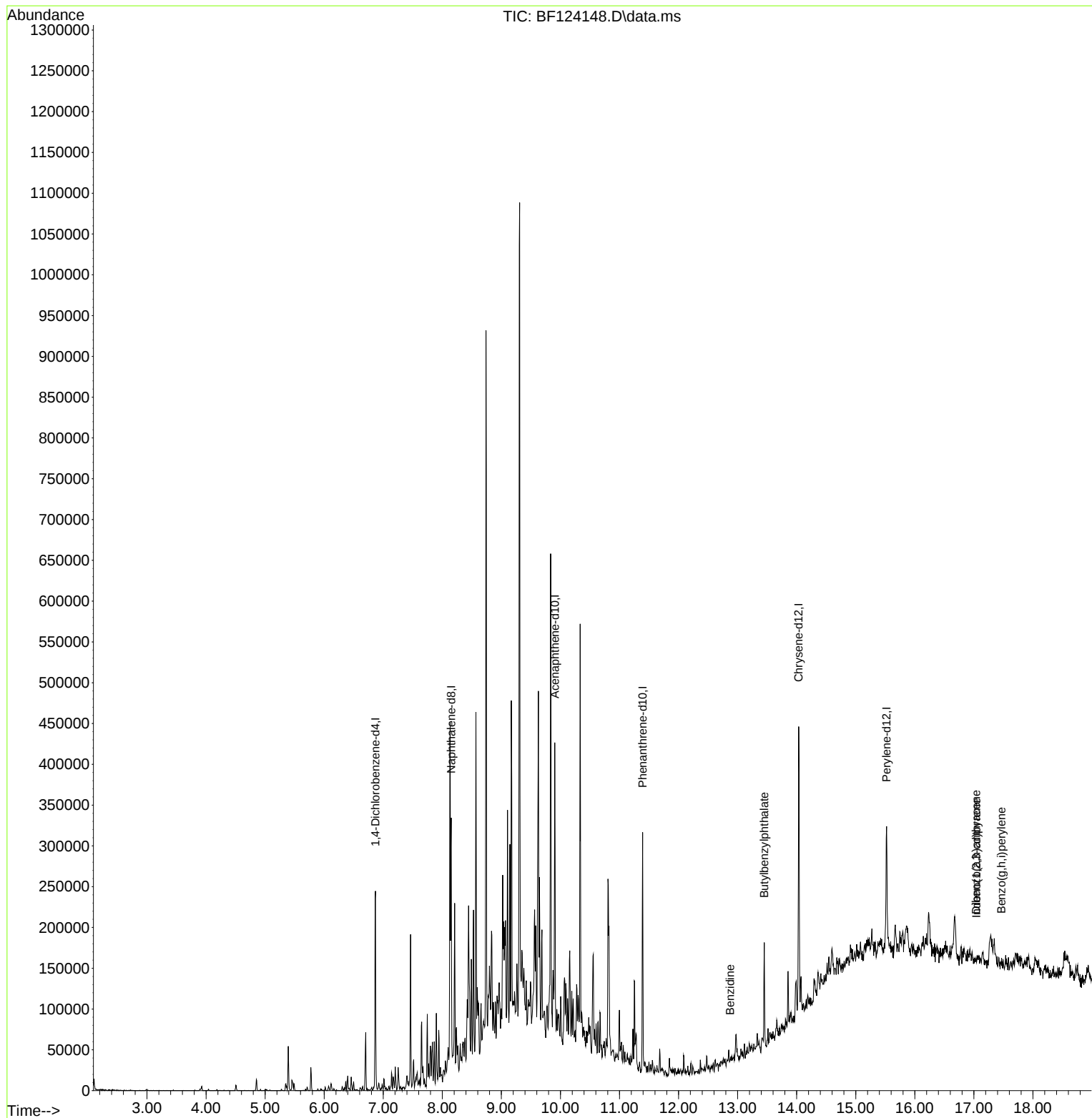
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	32686	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	112006	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	54791	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	92045	20.00	ng	# 0.00
76) Chrysene-d12	14.033	240	77744	20.00	ng	0.00
86) Perylene-d12	15.521	264	55898	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	2180	1.00	ng	0.00
7) Phenol-d6	6.498	99	3077	1.05	ng	-0.01
23) Nitrobenzene-d5	7.422	82	2323	0.82	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	1196	1.54	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	4701	1.08	ng	0.00
79) Terphenyl-d14	12.974	244	5185	0.92	ng	0.00
Target Compounds						
77) Benzidine	12.874	184	120	4.12	ng	# 68
80) Butylbenzylphthalate	13.451	149	22135	7.31	ng	96
87) Indeno(1,2,3-cd)pyrene	17.045	276	136	4.36	ng	# 1
91) Dibenzo(a,h)anthracene	17.039	278	110	4.20	ng	# 1
92) Benzo(g,h,i)perylene	17.468	276	123	3.84	ng	# 1

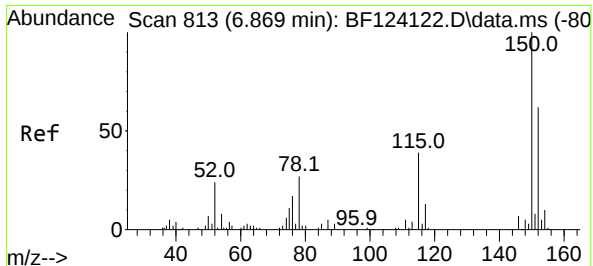
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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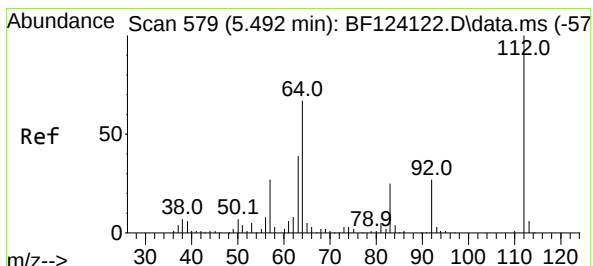
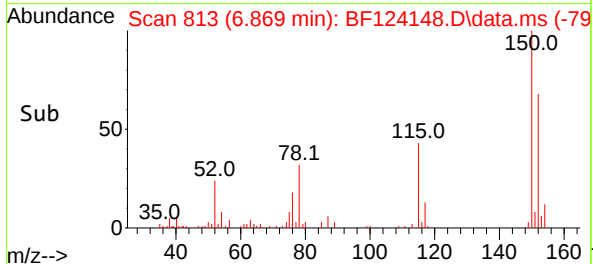
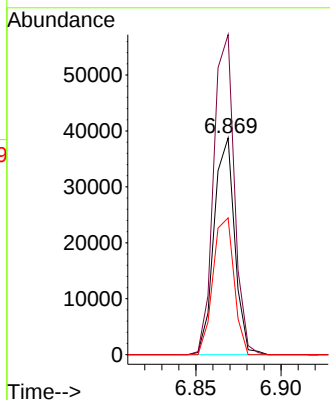
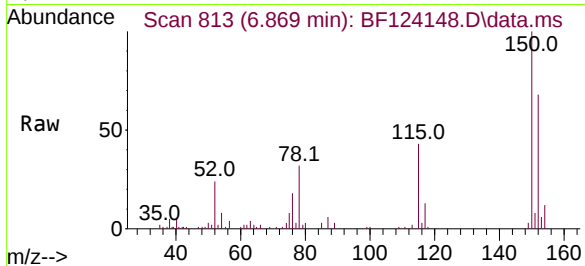




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124148.D
Acq: 4 Jun 2021 19:44

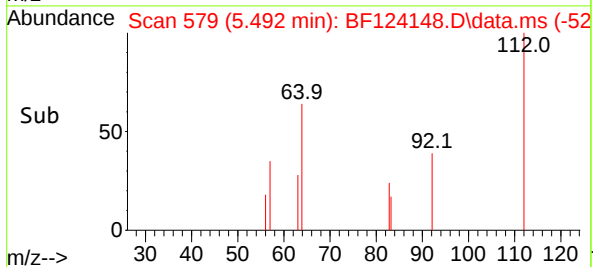
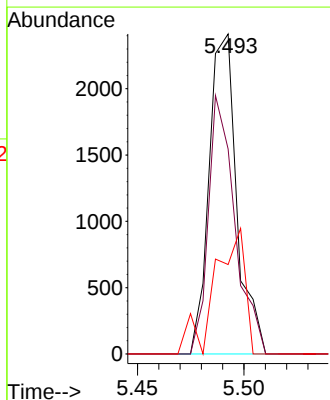
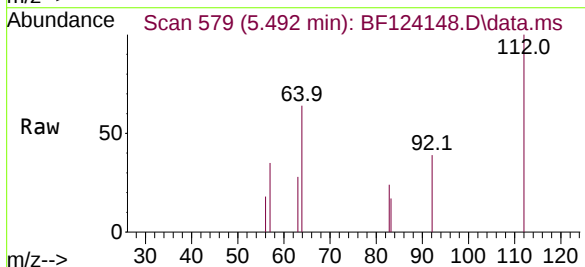
Instrument :
BNA_F
ClientSampleID :
COMP-1-3

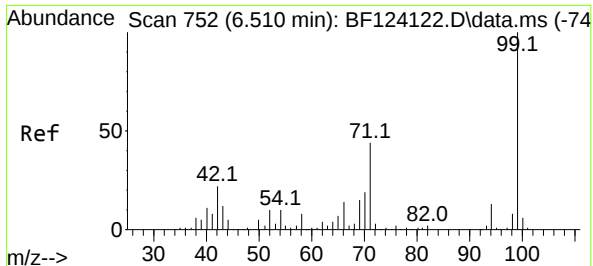
Tgt Ion:152 Resp: 32686
Ion Ratio Lower Upper
152 100
150 147.6 127.0 190.6
115 63.1 54.3 81.5



#5
2-Fluorophenol
Concen: 1.00 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF124148.D
Acq: 4 Jun 2021 19:44

Tgt Ion:112 Resp: 2180
Ion Ratio Lower Upper
112 100
64 64.1 61.4 92.0
63 28.0 33.0 49.4#

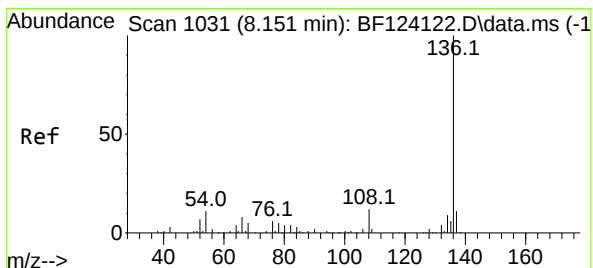
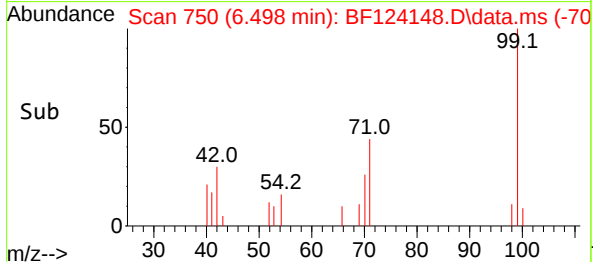
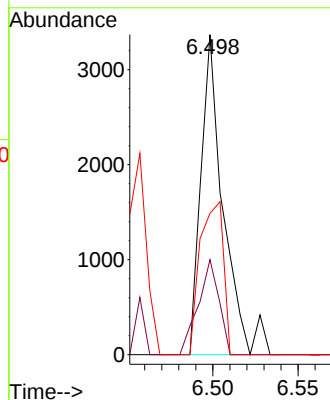
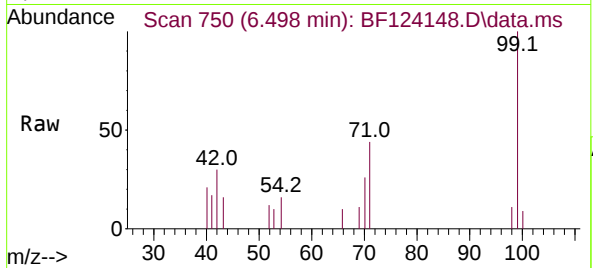




#7
Phenol-d6
Concen: 1.05 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF124148.D
Acq: 4 Jun 2021 19:44

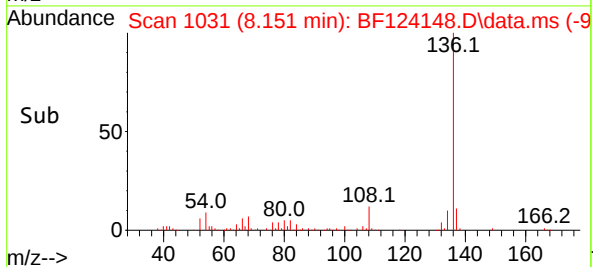
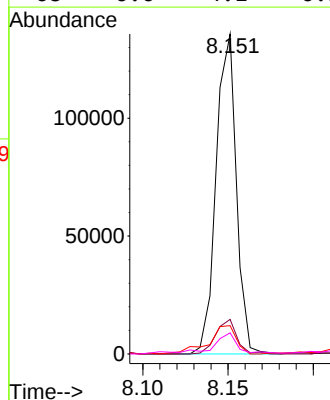
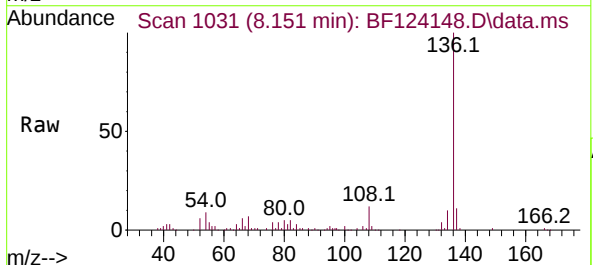
Instrument :
BNA_F
ClientSampleId :
COMP-1-3

Tgt Ion:	99	Resp:	3077
Ion	Ratio	Lower	Upper
99	100		
42	29.7	19.8	29.8
71	44.2	31.1	46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF124148.D
Acq: 4 Jun 2021 19:44

Tgt Ion:	136	Resp:	112006
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.9	9.8	14.6#
68	6.6	4.1	6.1#





#23

Nitrobenzene-d5

Concen: 0.82 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF124148.D

Acq: 4 Jun 2021 19:44

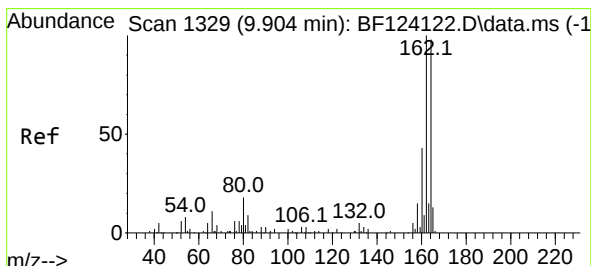
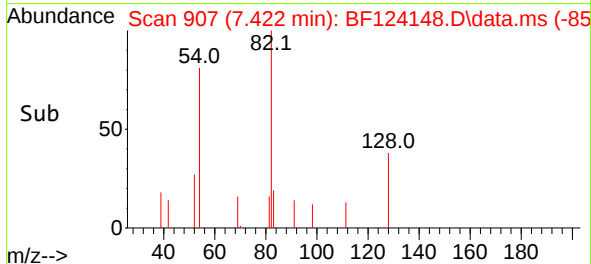
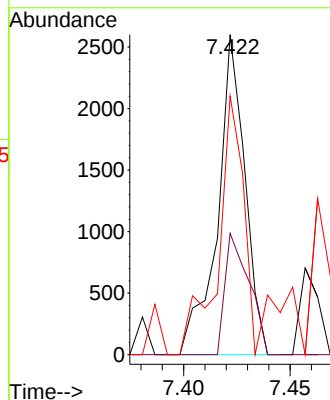
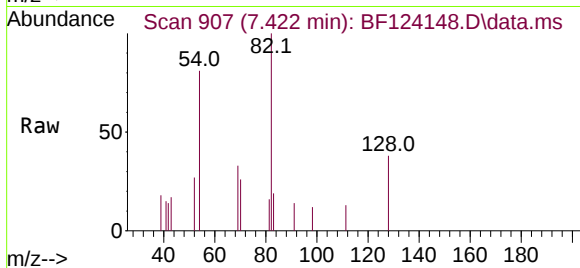
Instrument :

BNA_F

ClientSampled :

COMP-1-3

Tgt Ion:	82	Resp:	2323
Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.4	44.2
54	80.8	54.1	81.1



#39

Acenaphthene-d10

Concen: 20.00 ng

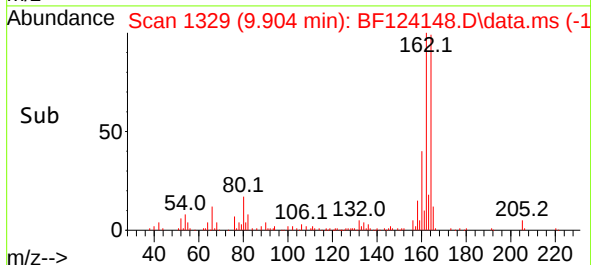
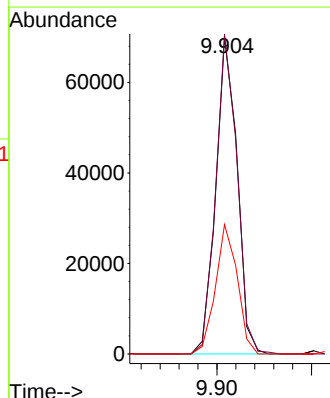
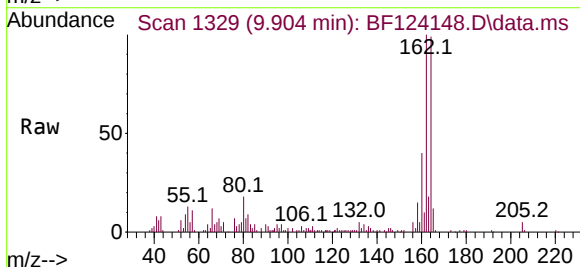
RT: 9.904 min Scan# 1329

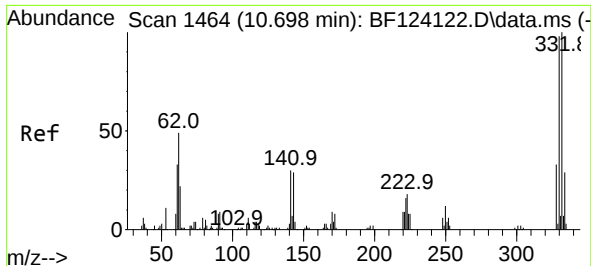
Delta R.T. -0.000 min

Lab File: BF124148.D

Acq: 4 Jun 2021 19:44

Tgt Ion:	164	Resp:	54791
Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.7	121.1
160	40.9	37.3	55.9

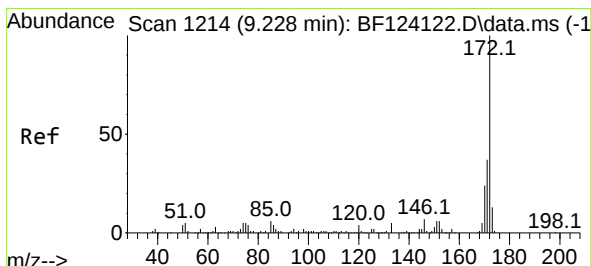
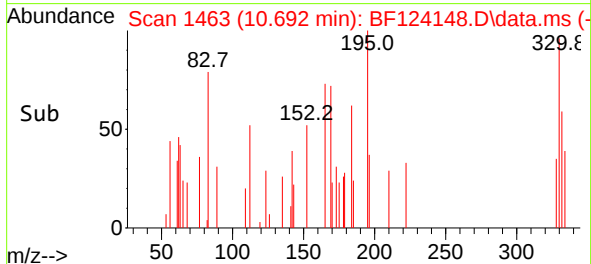
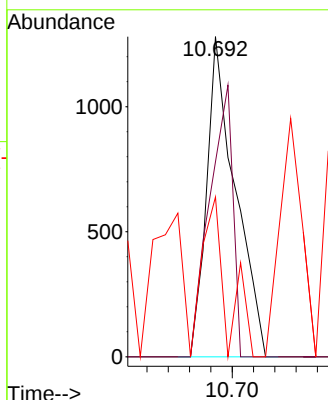
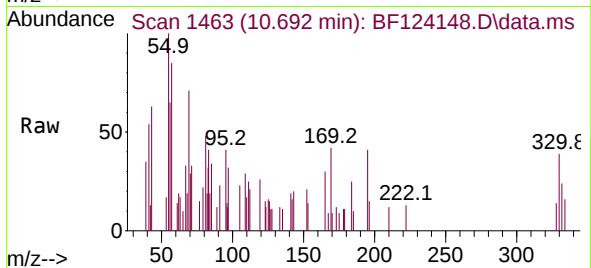




#42
2,4,6-Tribromophenol
Concen: 1.54 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124148.D
Acq: 4 Jun 2021 19:44

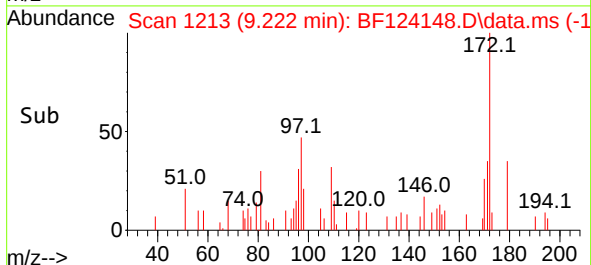
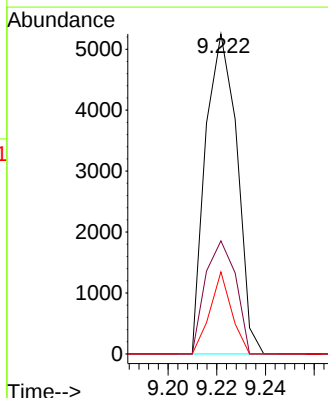
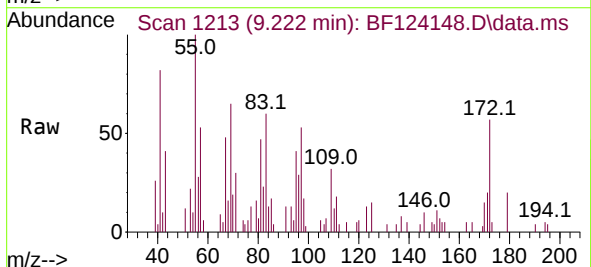
Instrument :
BNA_F
ClientSampleID :
COMP-1-3

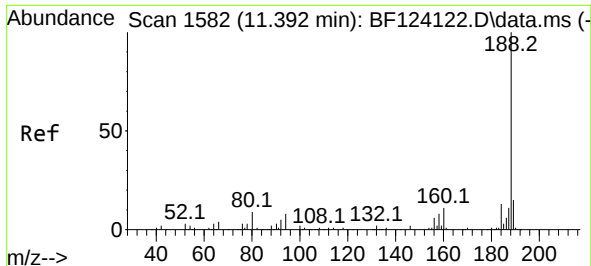
Tgt Ion: 330 Resp: 1196
Ion Ratio Lower Upper
330 100
332 68.7 77.1 115.7#
141 43.1 27.9 41.9#



#45
2-Fluorobiphenyl
Concen: 1.08 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124148.D
Acq: 4 Jun 2021 19:44

Tgt Ion: 172 Resp: 4701
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 25.7 19.2 28.8

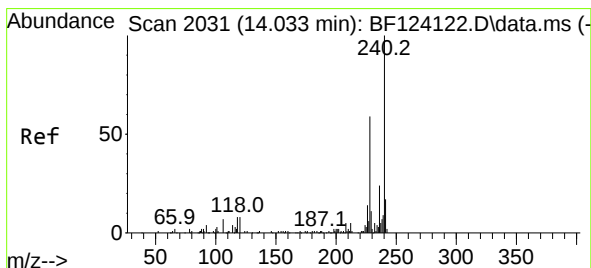
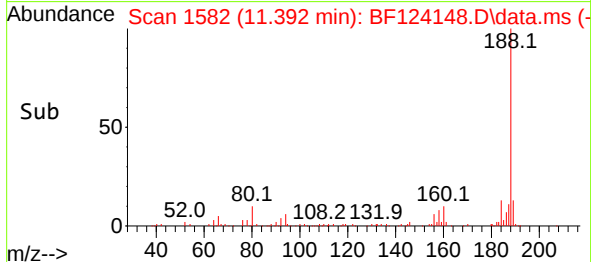
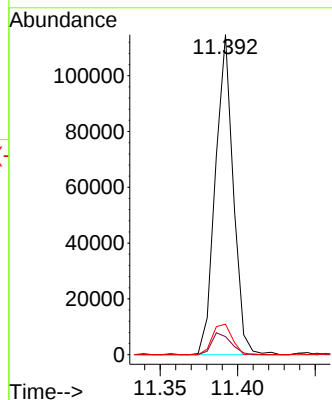
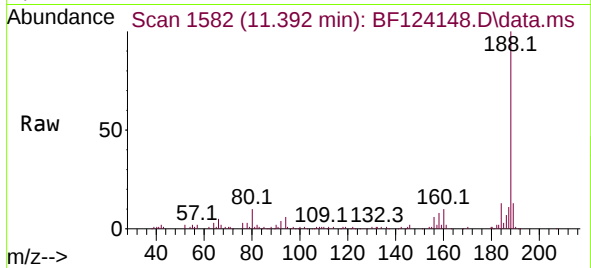




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF124148.D
Acq: 4 Jun 2021 19:44

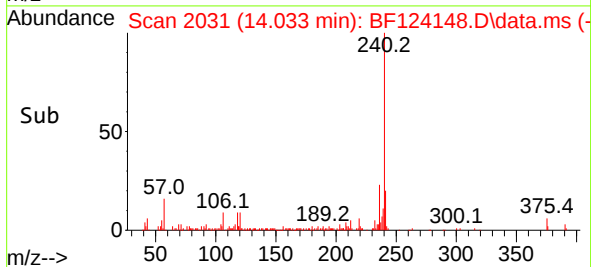
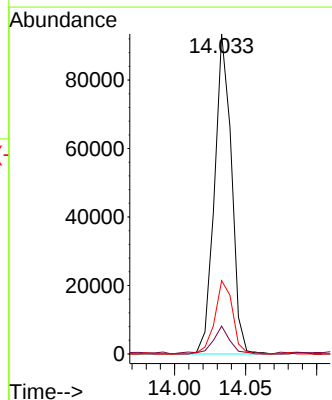
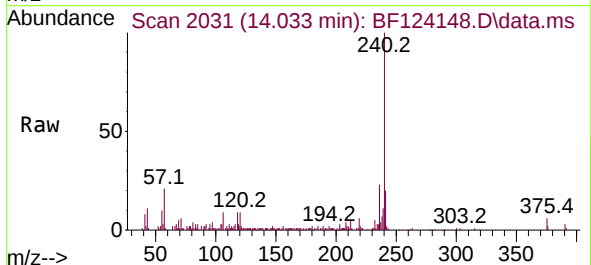
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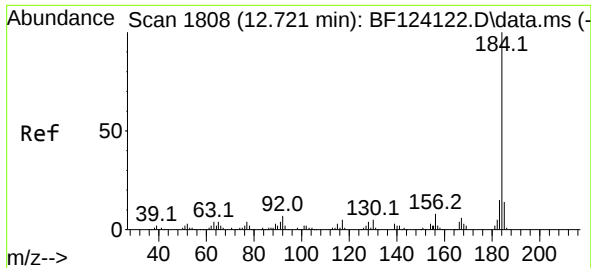
Tgt Ion:188 Resp: 92045
Ion Ratio Lower Upper
188 100
94 5.6 6.9 10.3#
80 9.6 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF124148.D
Acq: 4 Jun 2021 19:44

Tgt Ion:240 Resp: 77744
Ion Ratio Lower Upper
240 100
120 8.7 7.2 10.8
236 22.9 19.0 28.4

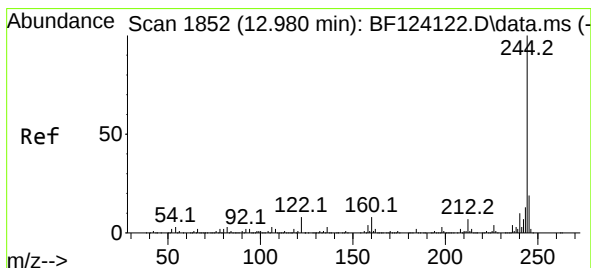
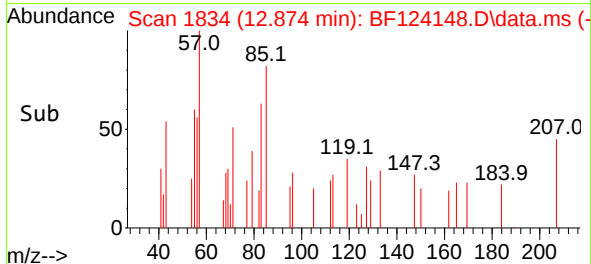
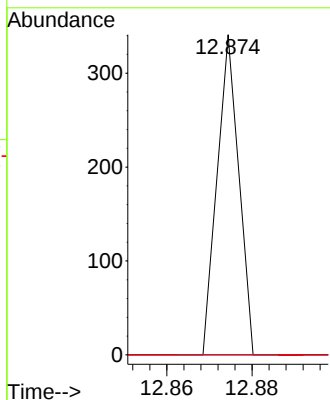
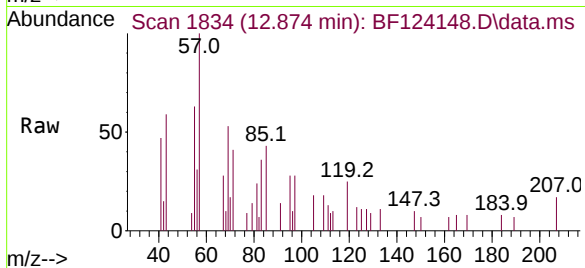




#77
Benzidine
Concen: 4.12 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.153 min
Lab File: BF124148.D
Acq: 4 Jun 2021 19:44

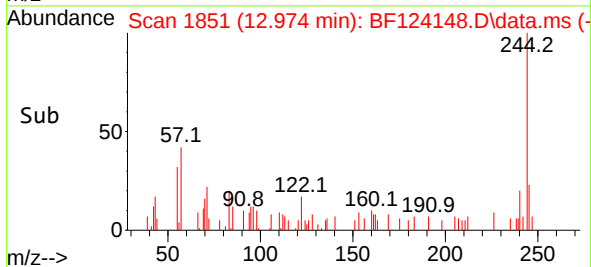
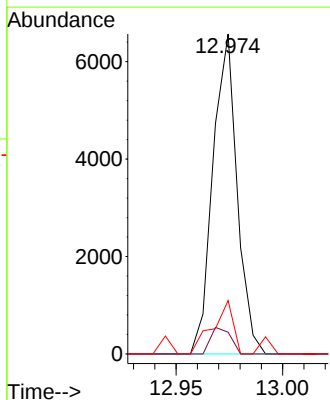
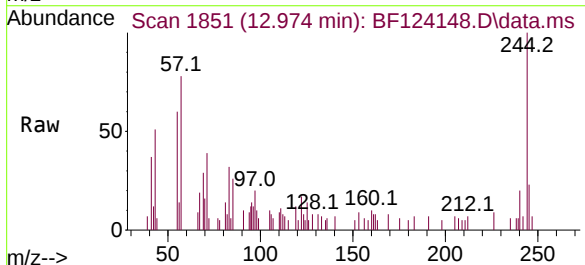
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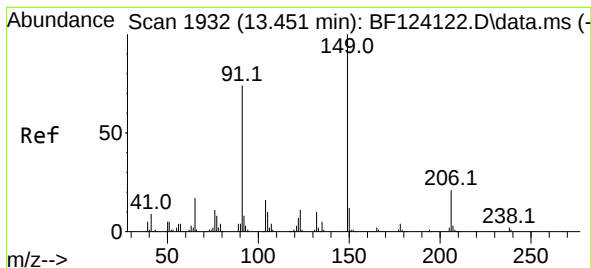
Tgt Ion:184 Resp: 120
Ion Ratio Lower Upper
184 100
185 0.0 12.1 18.1#
183 0.0 7.8 11.8#



#79
Terphenyl-d14
Concen: 0.92 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF124148.D
Acq: 4 Jun 2021 19:44

Tgt Ion:244 Resp: 5185
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 16.7 9.7 14.5#

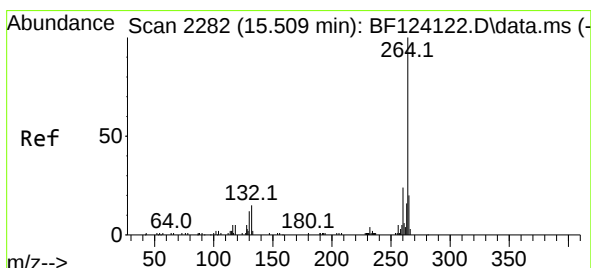
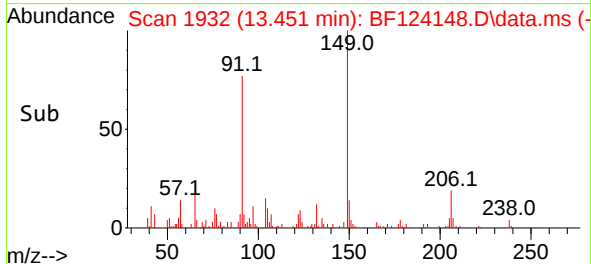
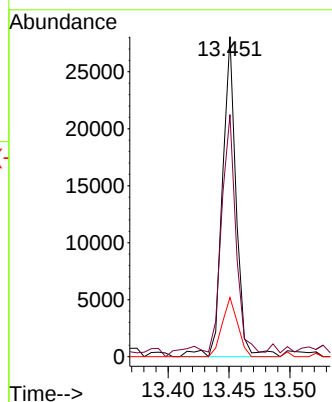
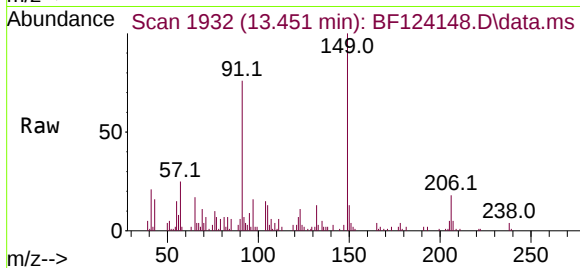




#80
Butylbenzylphthalate
Concen: 7.31 ng
RT: 13.451 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BF124148.D
Acq: 4 Jun 2021 19:44

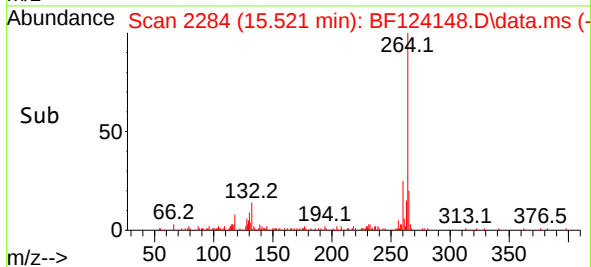
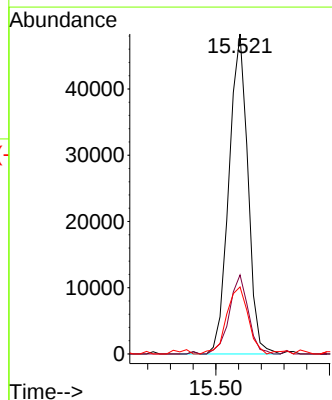
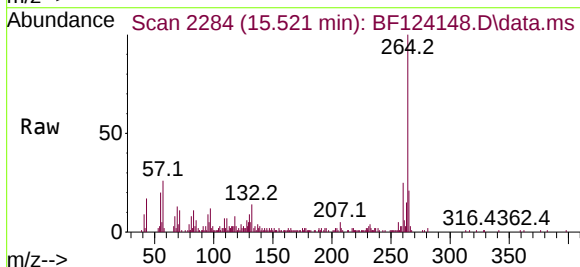
Instrument :
BNA_F
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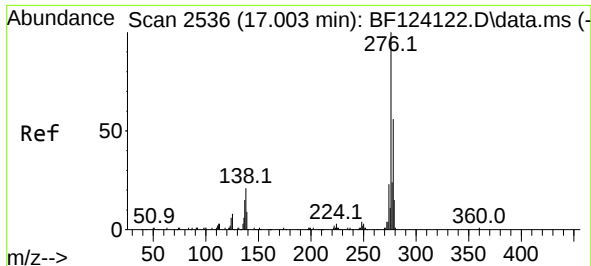
Tgt Ion:	149	Resp:	22135
Ion Ratio	Lower	Upper	
149	100		
91	75.6	63.6	95.4
206	18.5	14.5	21.7



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.012 min
Lab File: BF124148.D
Acq: 4 Jun 2021 19:44

Tgt Ion:	264	Resp:	55898
Ion Ratio	Lower	Upper	
264	100		
260	24.7	18.7	28.1
265	21.0	17.8	26.8

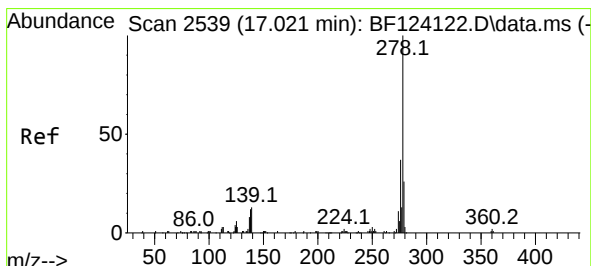
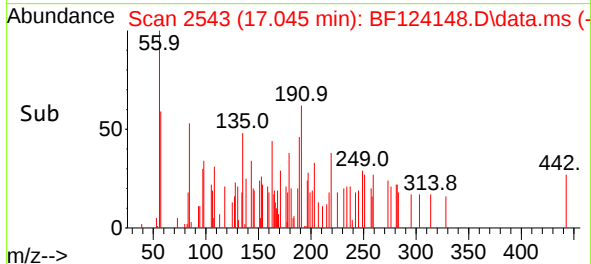
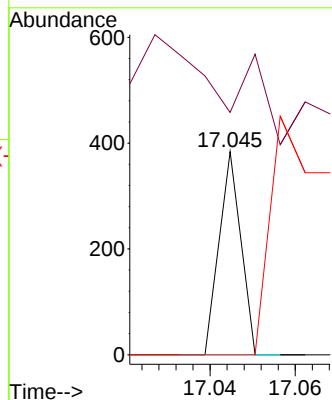
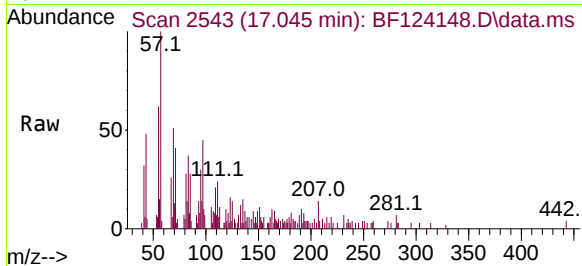




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.36 ng
RT: 17.045 min Scan# 2543
Delta R.T. 0.042 min
Lab File: BF124148.D
Acq: 4 Jun 2021 19:44

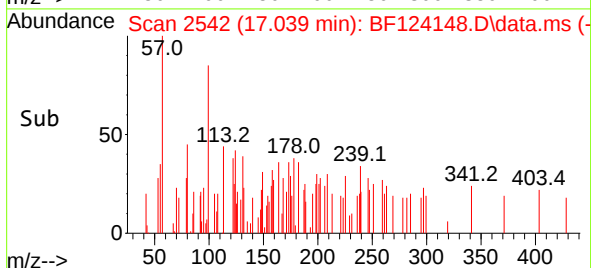
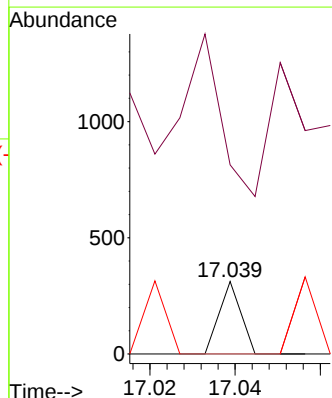
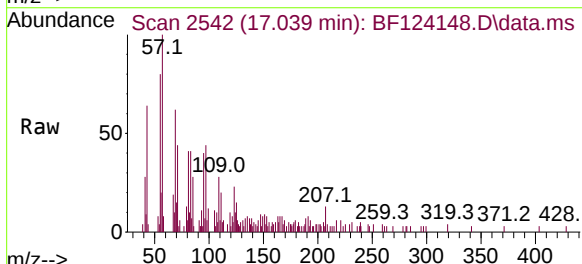
Instrument :
BNA_F
ClientSampled :
COMP-1-3

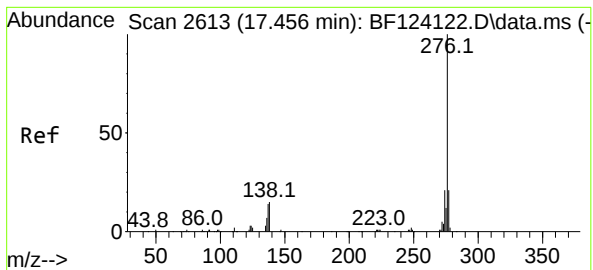
Tgt Ion:276	Resp:	136
Ion Ratio	Lower	Upper
276	100	
138	0.0	16.2 24.2#
277	295.6	20.1 30.1#



#91
Dibenzo(a,h)anthracene
Concen: 4.20 ng
RT: 17.039 min Scan# 2542
Delta R.T. 0.018 min
Lab File: BF124148.D
Acq: 4 Jun 2021 19:44

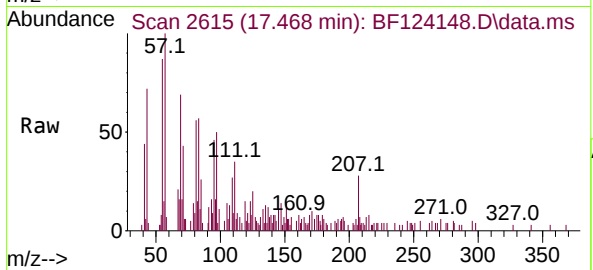
Tgt Ion:278	Resp:	110
Ion Ratio	Lower	Upper
278	100	
139	260.9	10.2 15.2#
279	0.0	19.4 29.0#





#92
 Benzo(g,h,i)perylene
 Concen: 3.84 ng
 RT: 17.468 min Scan# 2615
 Delta R.T. 0.012 min
 Lab File: BF124148.D
 Acq: 4 Jun 2021 19:44

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1-3



Tgt Ion:	276	Resp:	123
Ion	Ratio	Lower	Upper
276	100		
277	0.0	18.2	27.2#
138	208.0	13.8	20.6#

