

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124149.D
 Acq On : 4 Jun 2021 20:17
 Operator : JU/CG
 Sample : M2512-09 50X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4-6

Quant Time: Jun 04 22:51:44 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)

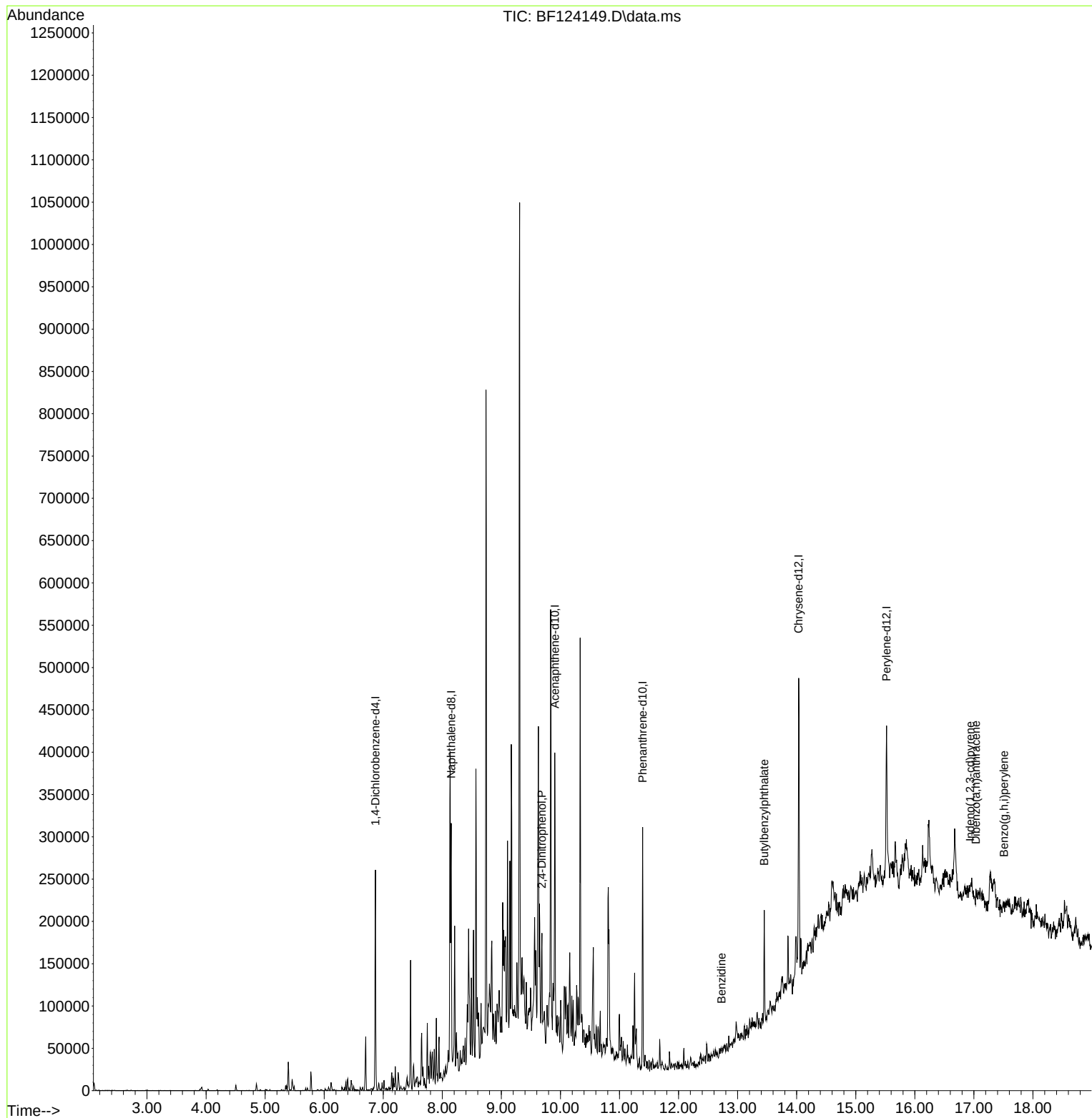
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	30020	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	103303	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	52300	20.00	ng	0.00
64) Phenanthrene-d10	11.392	188	84613	20.00	ng	0.00
76) Chrysene-d12	14.033	240	79484	20.00	ng	0.00
86) Perylene-d12	15.521	264	70386	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	1310	0.66	ng	0.00
7) Phenol-d6	6.504	99	1695	0.63	ng	0.00
23) Nitrobenzene-d5	7.422	82	2041	0.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	318	0.43	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2860	0.69	ng	0.00
79) Terphenyl-d14	12.974	244	3056	0.53	ng	0.00
Target Compounds						Qvalue
54) 2,4-Dinitrophenol	9.686	184	142	3.78	ng	# 17
77) Benzidine	12.727	184	118	4.12	ng	# 68
80) Butylbenzylphthalate	13.451	149	21811	7.04	ng	91
87) Indeno(1,2,3-cd)pyrene	16.939	276	410	4.40	ng	# 1
91) Dibenzo(a,h)anthracene	17.033	278	124	4.20	ng	# 1
92) Benzo(g,h,i)perylene	17.509	276	146	3.83	ng	# 1

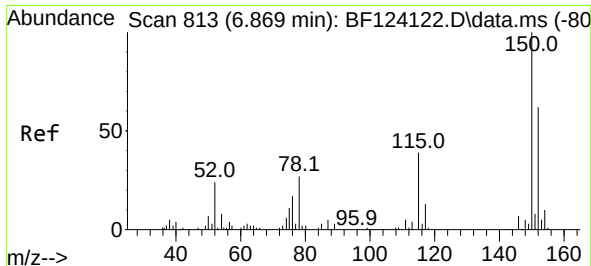
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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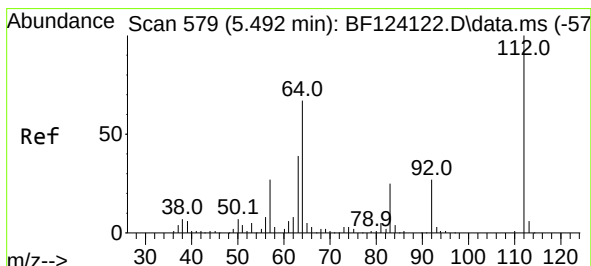
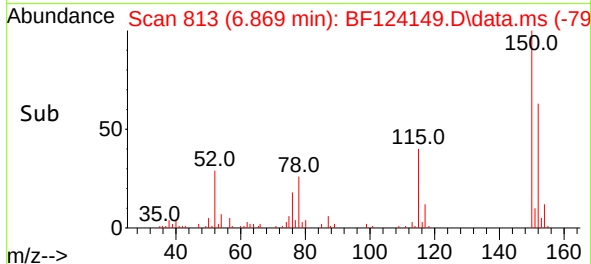
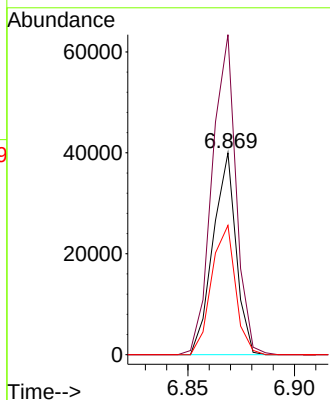
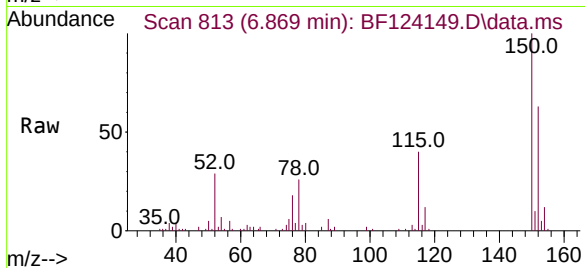




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124149.D
Acq: 4 Jun 2021 20:17

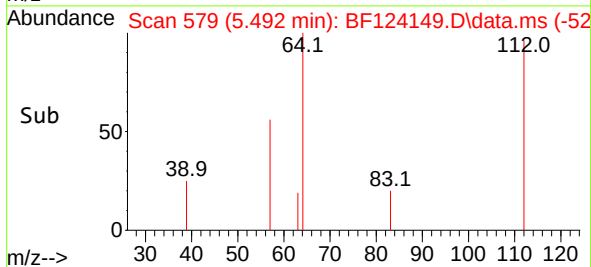
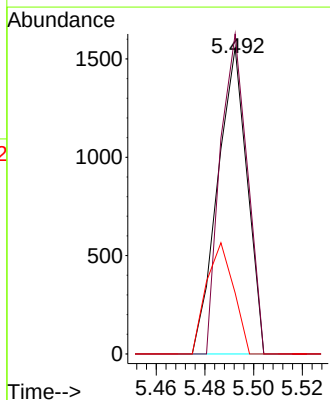
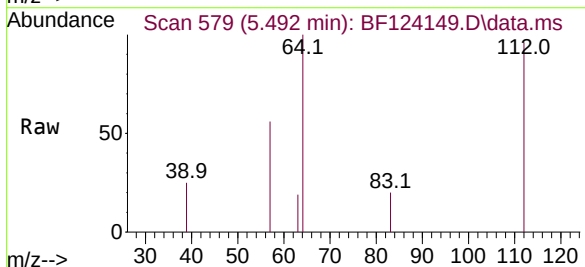
Instrument :
BNA_F
ClientSampleId :
COMP-4-6

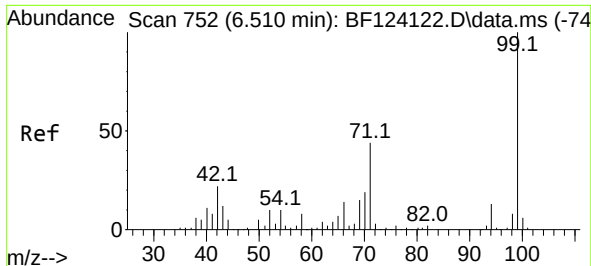
Tgt Ion:152 Resp: 30020
Ion Ratio Lower Upper
152 100
150 158.6 127.0 190.6
115 64.1 54.3 81.5



#5
2-Fluorophenol
Concen: 0.66 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF124149.D
Acq: 4 Jun 2021 20:17

Tgt Ion:112 Resp: 1310
Ion Ratio Lower Upper
112 100
64 104.4 61.4 92.0#
63 19.9 33.0 49.4#

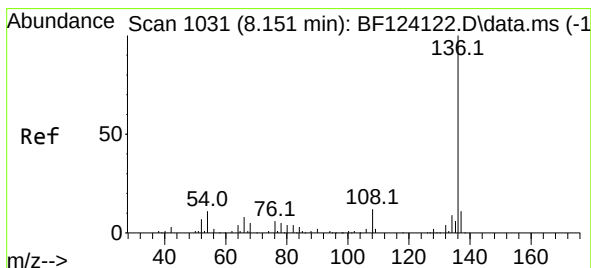
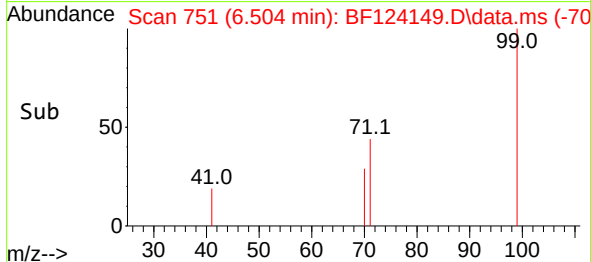
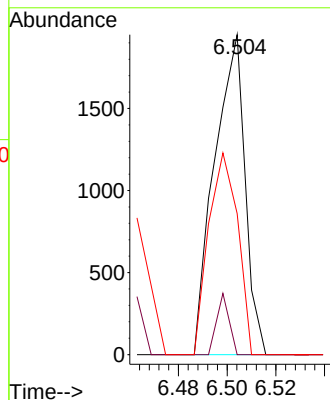
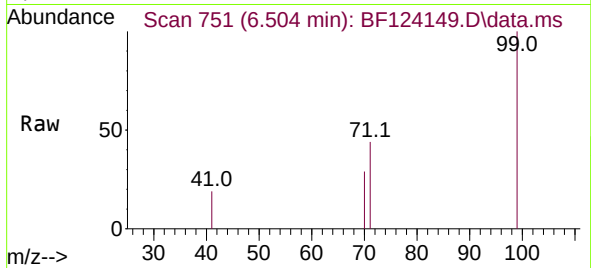




#7
Phenol-d6
Concen: 0.63 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124149.D
Acq: 4 Jun 2021 20:17

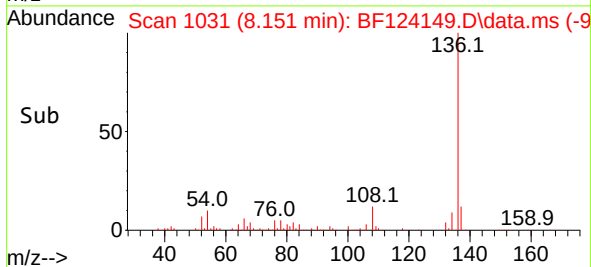
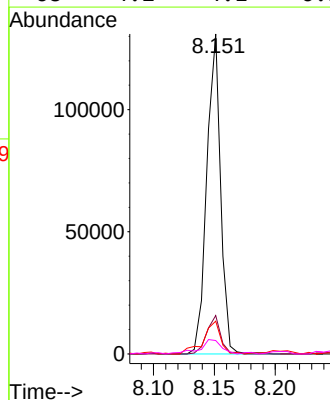
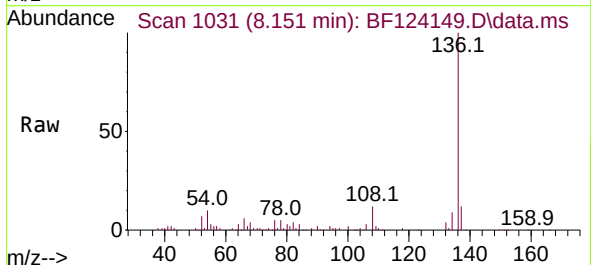
Instrument :
BNA_F
ClientSampleId :
COMP-4-6

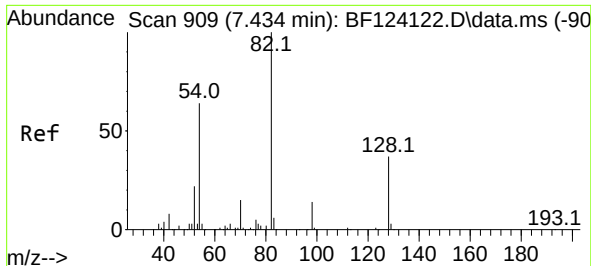
Tgt Ion: 99 Resp: 1695
Ion Ratio Lower Upper
99 100
42 0.0 19.8 29.8#
71 44.1 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF124149.D
Acq: 4 Jun 2021 20:17

Tgt Ion:136 Resp: 103303
Ion Ratio Lower Upper
136 100
137 12.0 8.7 13.1
54 10.2 9.8 14.6
68 4.2 4.1 6.1

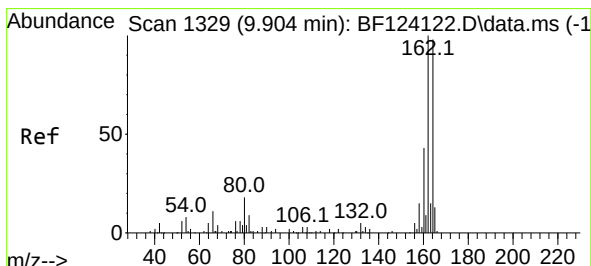
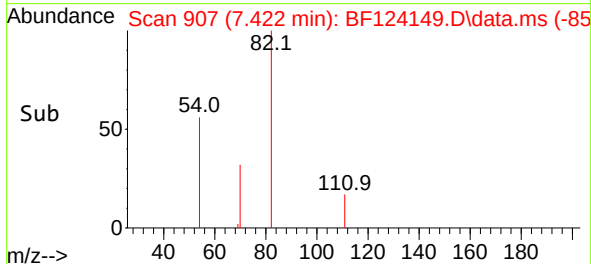
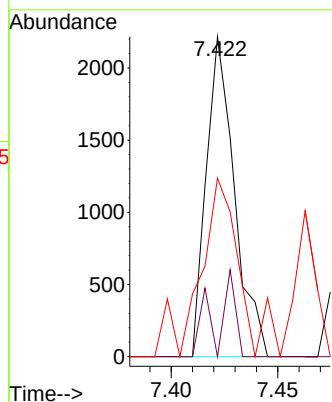
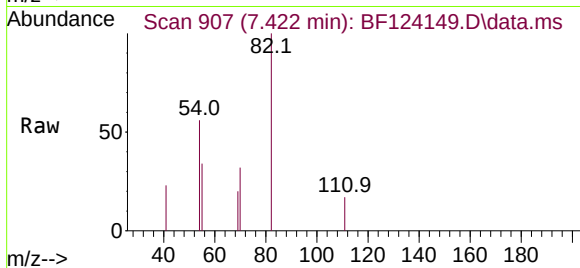




#23
Nitrobenzene-d5
Concen: 0.78 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF124149.D
Acq: 4 Jun 2021 20:17

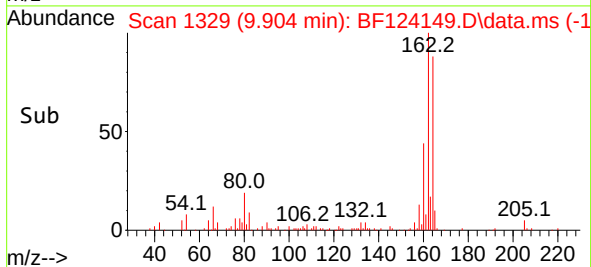
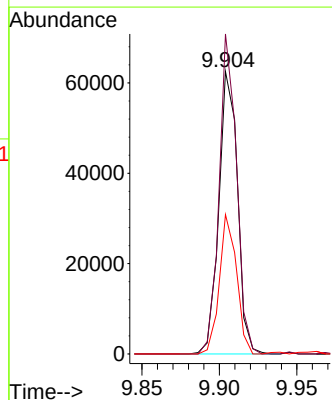
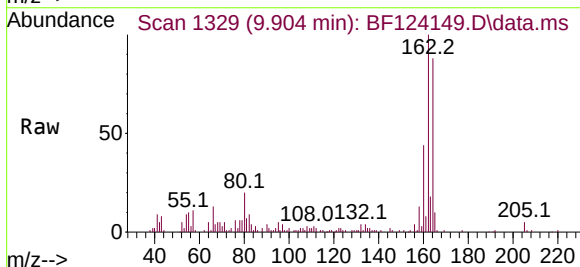
Instrument :
BNA_F
ClientSampled :
COMP-4-6

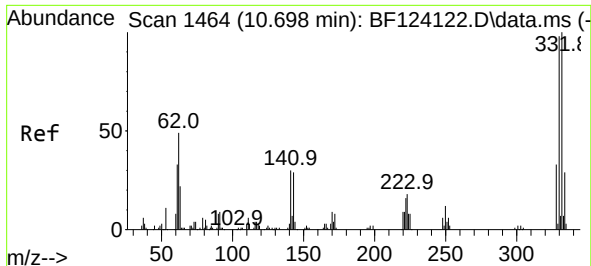
Tgt Ion: 82 Resp: 2041
Ion Ratio Lower Upper
82 100
128 0.0 29.4 44.2#
54 55.8 54.1 81.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF124149.D
Acq: 4 Jun 2021 20:17

Tgt Ion:164 Resp: 52300
Ion Ratio Lower Upper
164 100
162 113.3 80.7 121.1
160 49.3 37.3 55.9

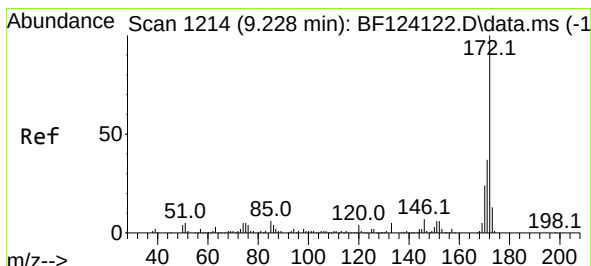
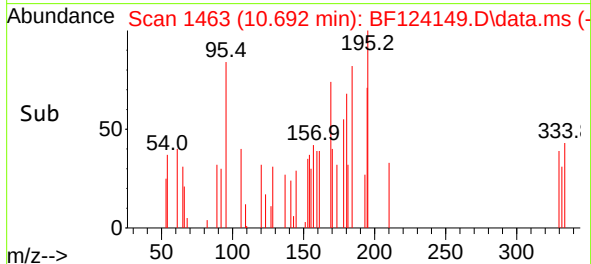
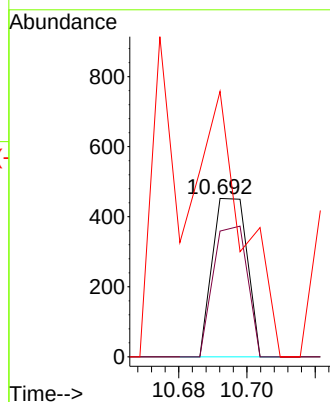
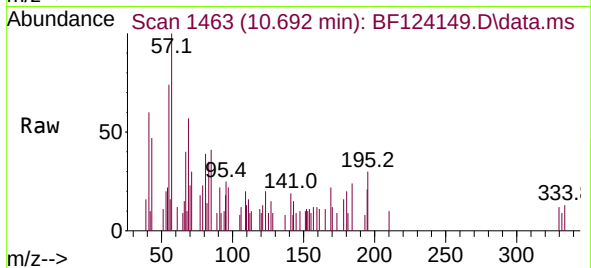




#42
2,4,6-Tribromophenol
Concen: 0.43 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124149.D
Acq: 4 Jun 2021 20:17

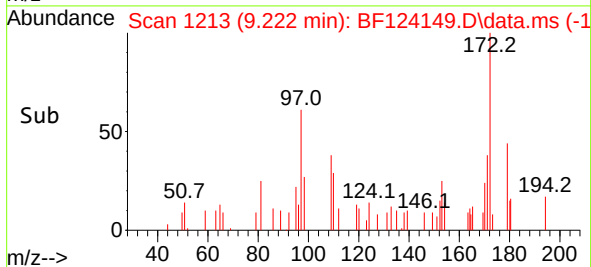
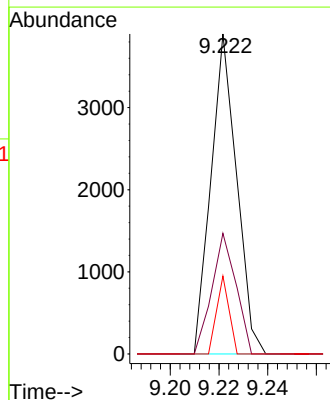
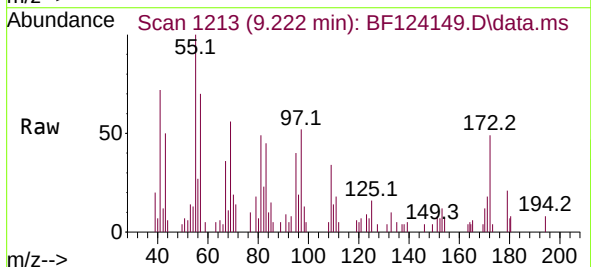
Instrument :
BNA_F
ClientSampleId :
COMP-4-6

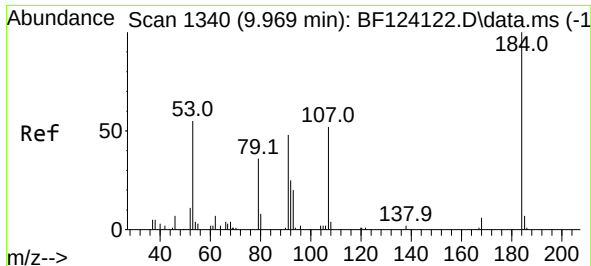
Tgt Ion: 330 Resp: 318
Ion Ratio Lower Upper
330 100
332 81.1 77.1 115.7
141 0.0 27.9 41.9#



#45
2-Fluorobiphenyl
Concen: 0.69 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124149.D
Acq: 4 Jun 2021 20:17

Tgt Ion: 172 Resp: 2860
Ion Ratio Lower Upper
172 100
171 37.7 28.1 42.1
170 24.3 19.2 28.8

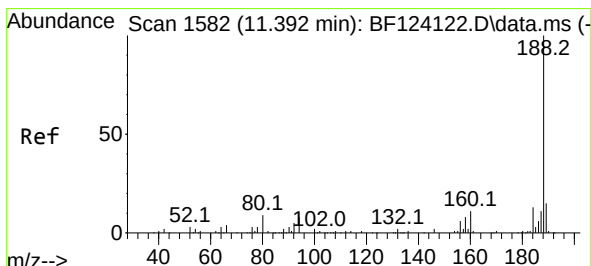
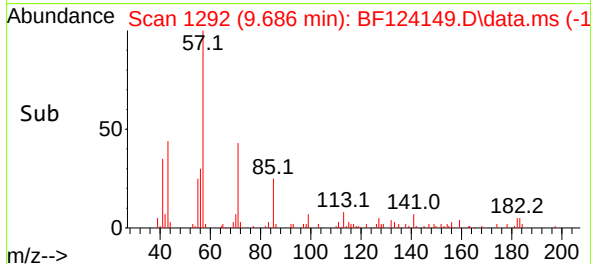
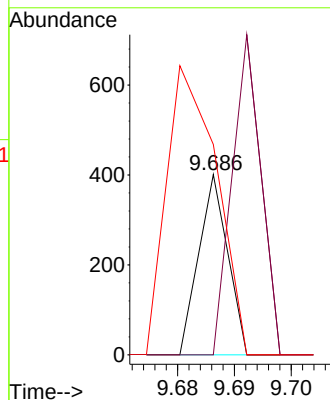
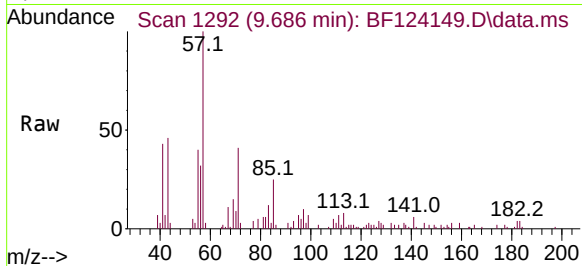




#54
2,4-Dinitrophenol
Concen: 3.78 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.283 min
Lab File: BF124149.D
Acq: 4 Jun 2021 20:17

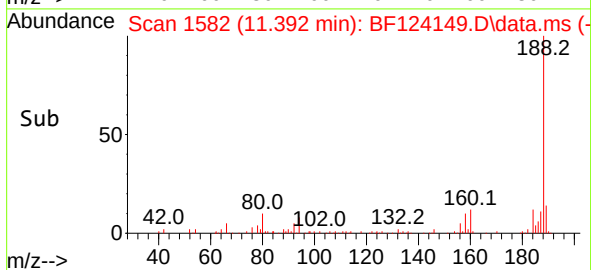
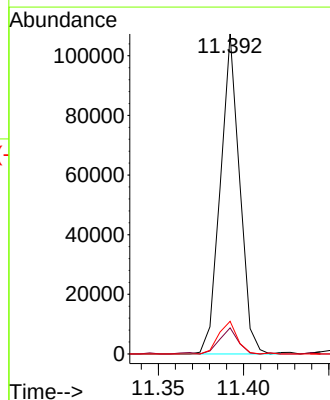
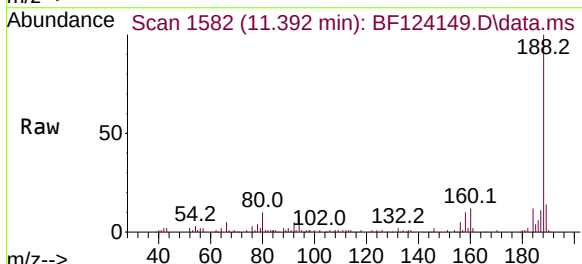
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ClientSampleId :
COMP-4-6

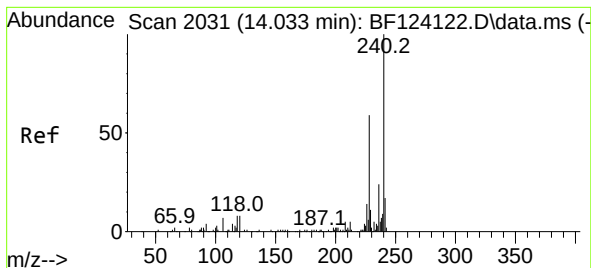
Tgt Ion:184 Resp: 142
Ion Ratio Lower Upper
184 100
63 0.0 73.5 110.3#
154 116.7 52.5 78.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF124149.D
Acq: 4 Jun 2021 20:17

Tgt Ion:188 Resp: 84613
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 10.2 8.2 12.2

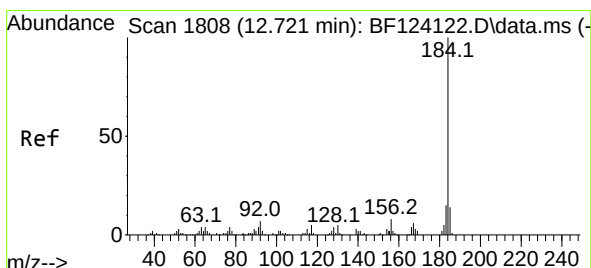
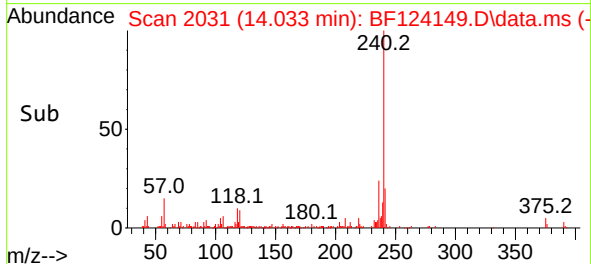
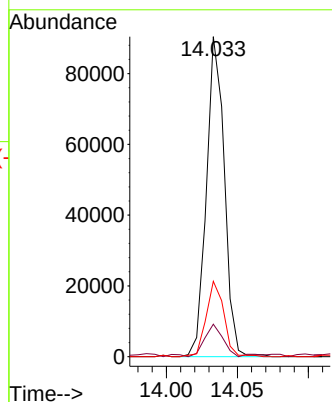
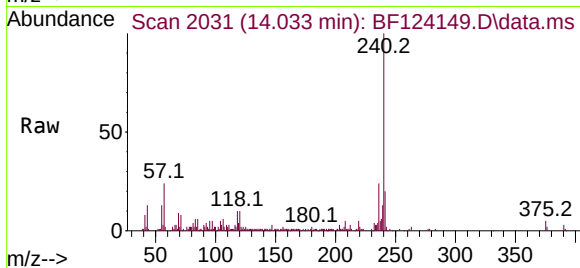




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF124149.D
Acq: 4 Jun 2021 20:17

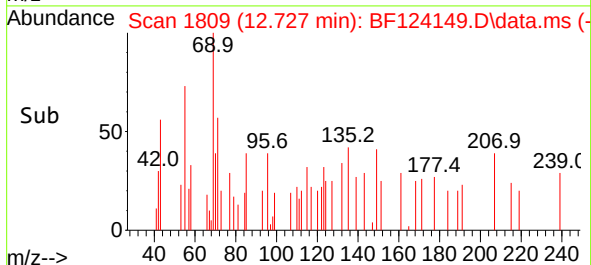
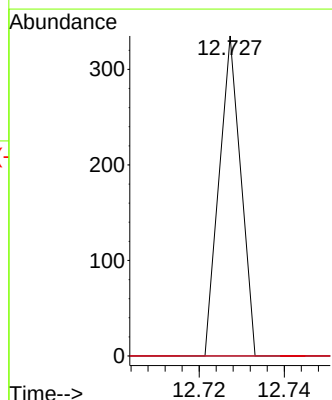
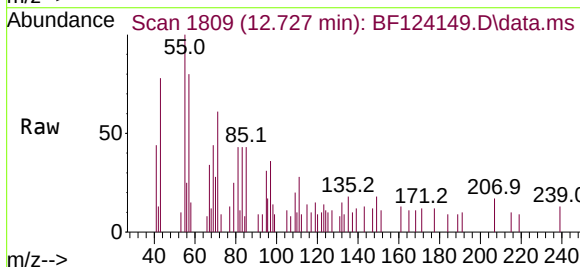
Instrument :
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COMP-4-6

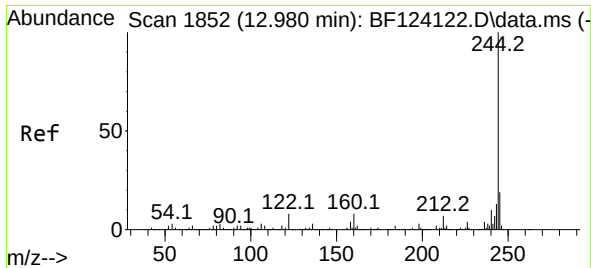
Tgt Ion:240 Resp: 79484
Ion Ratio Lower Upper
240 100
120 10.2 7.2 10.8
236 23.6 19.0 28.4



#77
Benzidine
Concen: 4.12 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF124149.D
Acq: 4 Jun 2021 20:17

Tgt Ion:184 Resp: 118
Ion Ratio Lower Upper
184 100
185 0.0 12.1 18.1#
183 0.0 7.8 11.8#

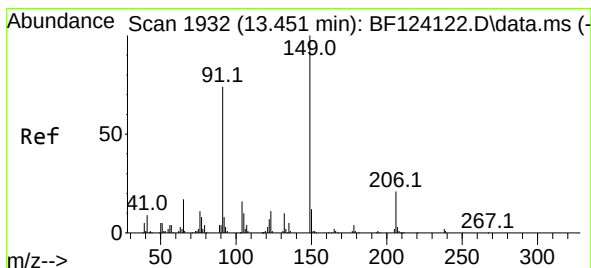
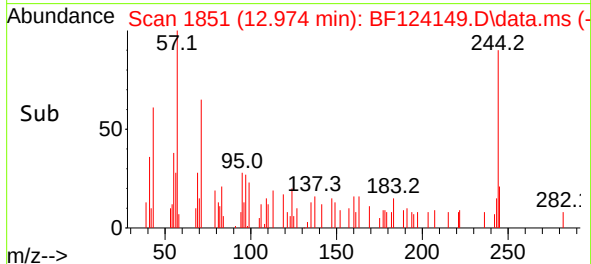
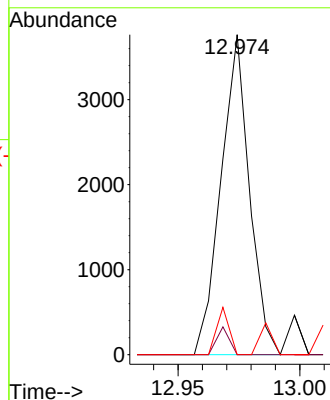
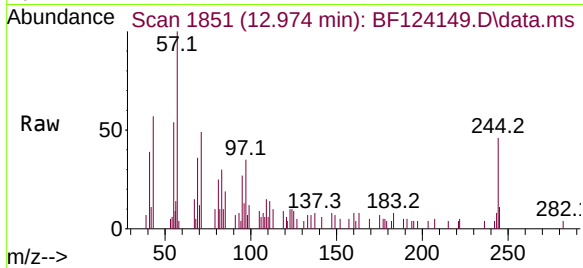




#79
 Terphenyl-d14
 Concen: 0.53 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF124149.D
 Acq: 4 Jun 2021 20:17

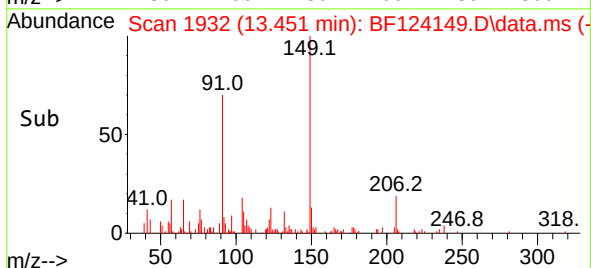
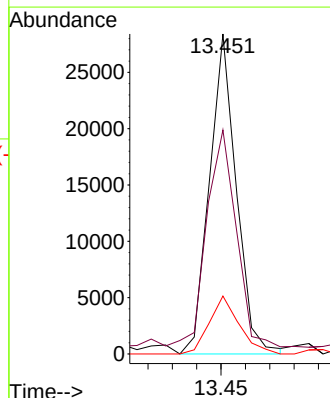
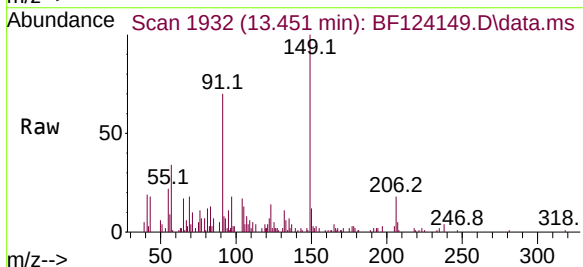
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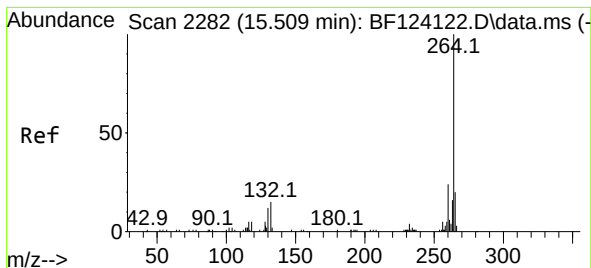
Tgt Ion:244 Resp: 3056
 Ion Ratio Lower Upper
 244 100
 212 0.0 5.7 8.5#
 122 0.0 9.7 14.5#



#80
 Butylbenzylphthalate
 Concen: 7.04 ng
 RT: 13.451 min Scan# 1932
 Delta R.T. -0.000 min
 Lab File: BF124149.D
 Acq: 4 Jun 2021 20:17

Tgt Ion:149 Resp: 21811
 Ion Ratio Lower Upper
 149 100
 91 70.0 63.6 95.4
 206 18.1 14.5 21.7

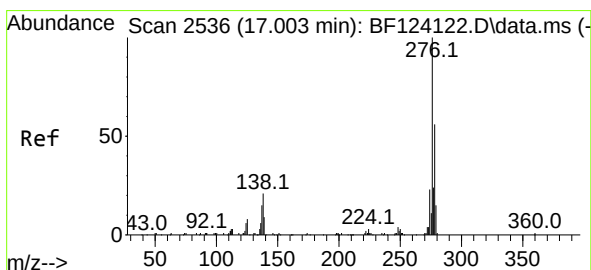
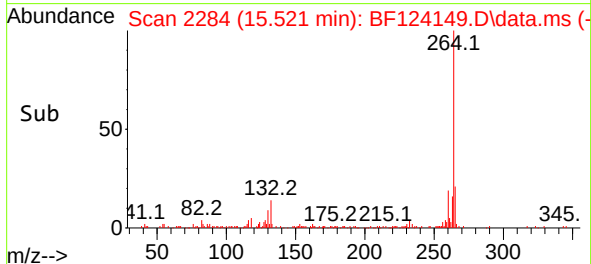
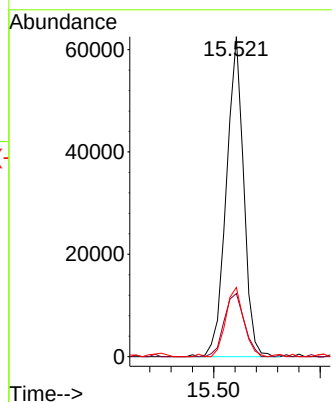
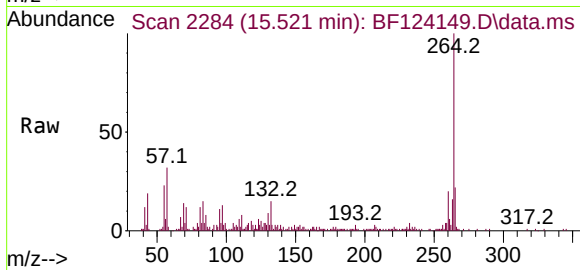




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.012 min
Lab File: BF124149.D
Acq: 4 Jun 2021 20:17

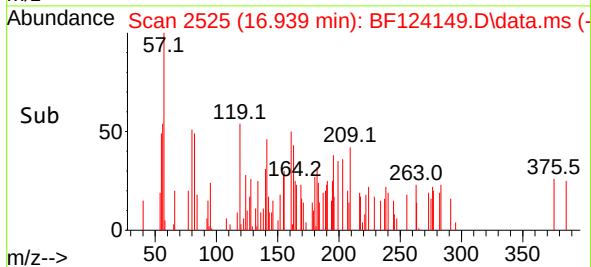
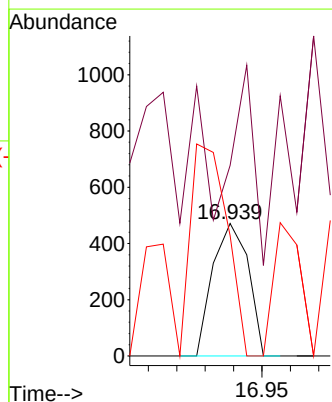
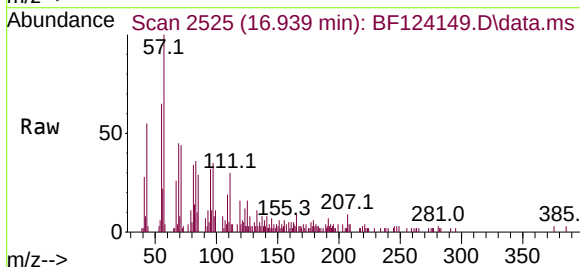
Instrument :
BNA_F
ClientSampled :
COMP-4-6

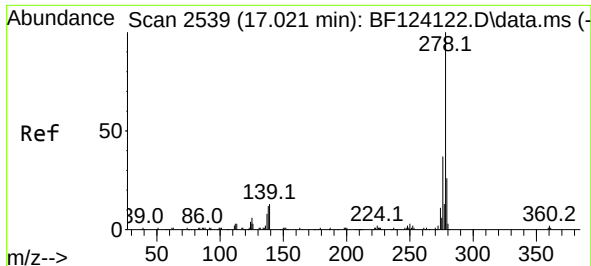
Tgt Ion:264 Resp: 70386
Ion Ratio Lower Upper
264 100
260 19.8 18.7 28.1
265 21.7 17.8 26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.40 ng
RT: 16.939 min Scan# 2525
Delta R.T. -0.064 min
Lab File: BF124149.D
Acq: 4 Jun 2021 20:17

Tgt Ion:276 Resp: 410
Ion Ratio Lower Upper
276 100
138 0.0 16.2 24.2#
277 231.7 20.1 30.1#

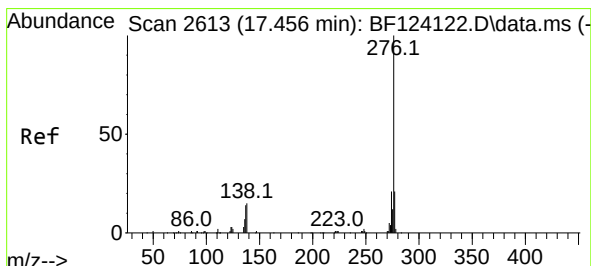
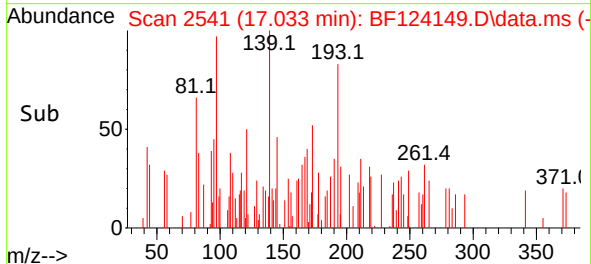
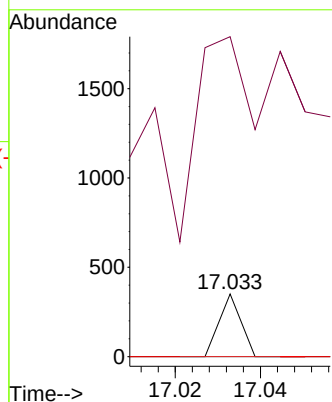
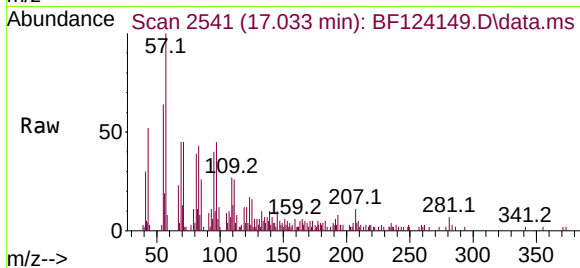




#91
Dibenzo(a,h)anthracene
Concen: 4.20 ng
RT: 17.033 min Scan# 2541
Delta R.T. 0.012 min
Lab File: BF124149.D
Acq: 4 Jun 2021 20:17

Instrument :
BNA_F
ClientSampleId :
COMP-4-6

Tgt Ion:278 Resp: 124
Ion Ratio Lower Upper
278 100
139 510.3 10.2 15.2#
279 0.0 19.4 29.0#



#92
Benzo(g,h,i)perylene
Concen: 3.83 ng
RT: 17.509 min Scan# 2622
Delta R.T. 0.053 min
Lab File: BF124149.D
Acq: 4 Jun 2021 20:17

Tgt Ion:276 Resp: 146
Ion Ratio Lower Upper
276 100
277 113.5 18.2 27.2#
138 92.8 13.8 20.6#

