

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
 Data File : BF124199.D
 Acq On : 9 Jun 2021 1:40
 Operator : JU/CG
 Sample : M2628-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-060721

Quant Time: Jun 09 04:10:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 13:32:21 2021
 Response via : Initial Calibration

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

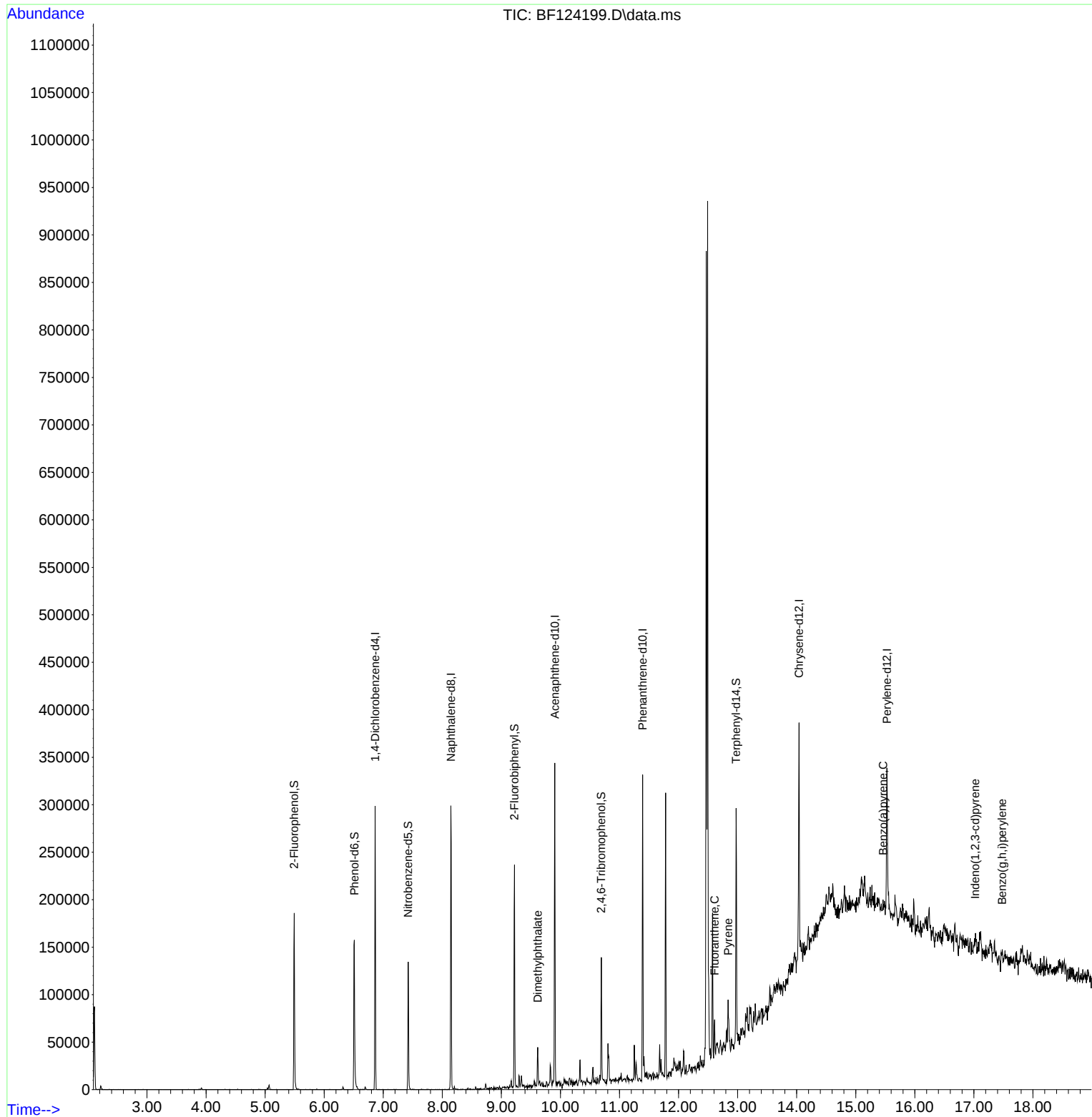
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	34116	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	112021	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	57614	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	93146	20.000	ng	0.00
76) Chrysene-d12	14.039	240	71330	20.000	ng	0.00
86) Perylene-d12	15.527	264	56308	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	41842	18.462	ng	0.00
7) Phenol-d6	6.510	99	52653	17.284	ng	0.00
23) Nitrobenzene-d5	7.422	82	38005	13.456	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	13358	16.365	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	61278	13.384	ng	0.00
79) Terphenyl-d14	12.974	244	64959	12.503	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.616	163	11988	2.515	ng	# 88
75) Fluoranthene	12.610	202	13648	2.235	ng	93
78) Pyrene	12.839	202	18139	2.648	ng	96
87) Indeno(1,2,3-cd)pyrene	17.021	276	5013	5.308	ng	# 82
90) Benzo(a)pyrene	15.462	252	8288	2.182	ng	# 67
92) Benzo(g,h,i)perylene	17.480	276	4932	4.958	ng	# 68

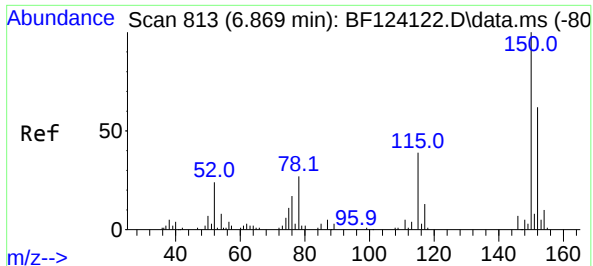
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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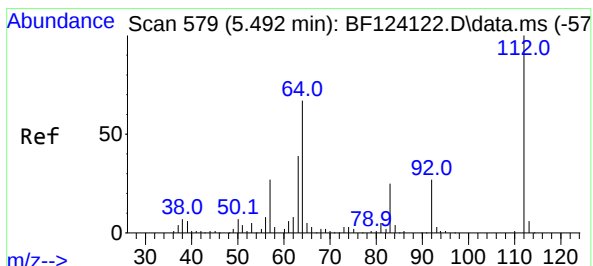
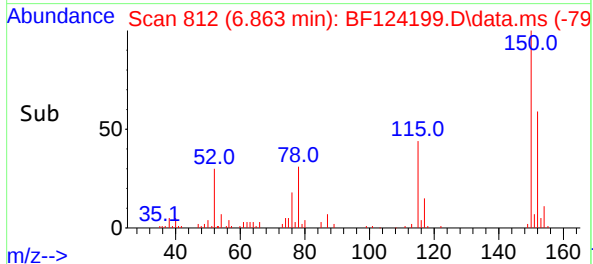
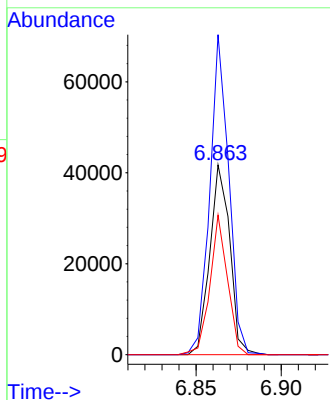
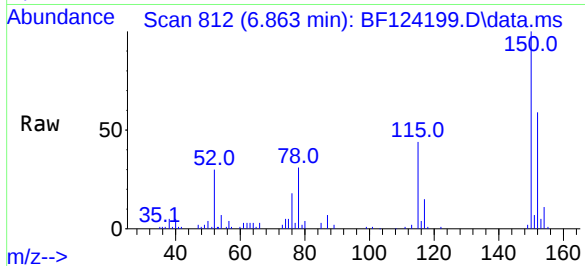




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF124199.D
Acq: 9 Jun 2021 1:40

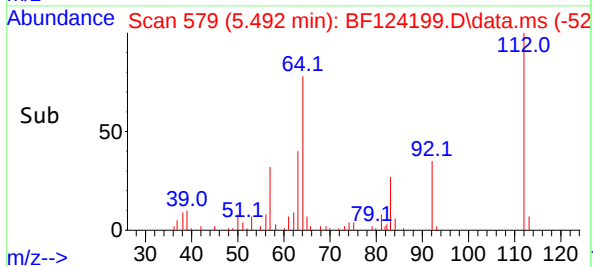
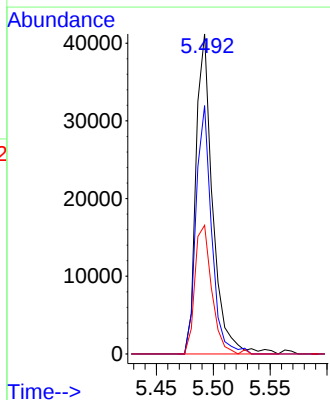
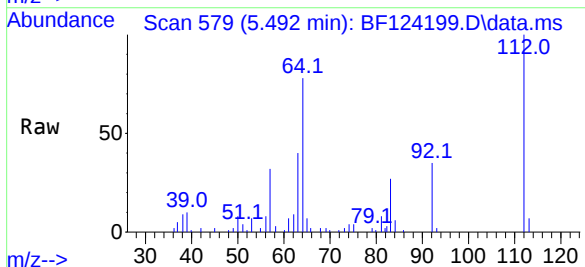
Instrument :
BNA_F
ClientSampleId :
HD-02-060721

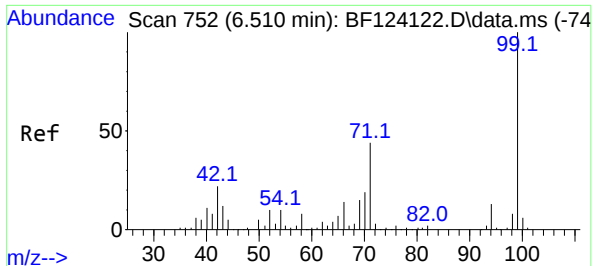
Tgt Ion:152 Resp: 34116
Ion Ratio Lower Upper
152 100
150 168.6 127.0 190.6
115 73.5 54.3 81.5



#5
2-Fluorophenol
Concen: 18.462 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF124199.D
Acq: 9 Jun 2021 1:40

Tgt Ion:112 Resp: 41842
Ion Ratio Lower Upper
112 100
64 77.6 61.4 92.0
63 40.2 33.0 49.4



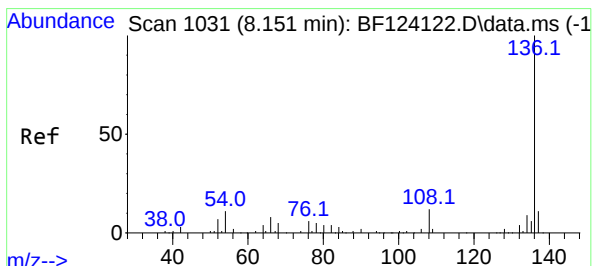
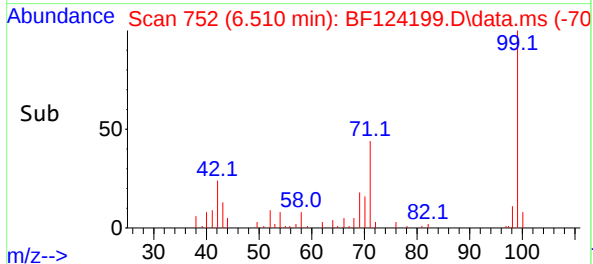
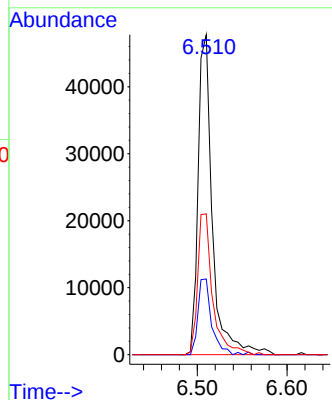
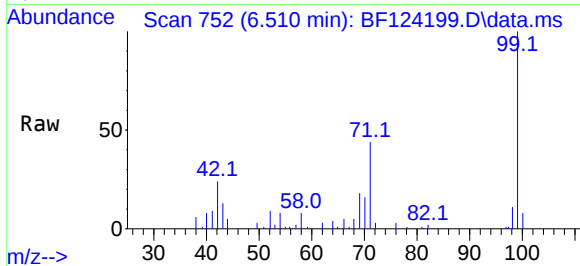


#7
Phenol-d6
Concen: 17.284 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF124199.D
Acq: 9 Jun 2021 1:40

Instrument :
BNA_F
ClientSampleId :
HD-02-060721

Tgt Ion: 99 Resp: 52653

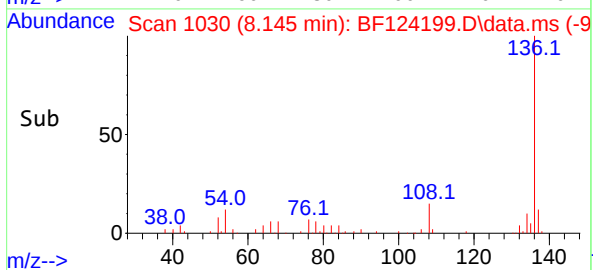
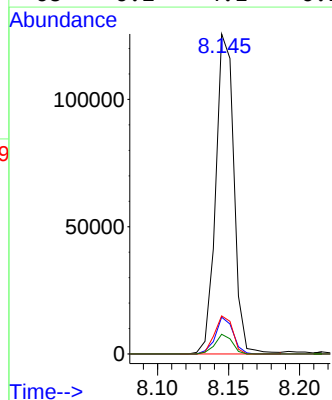
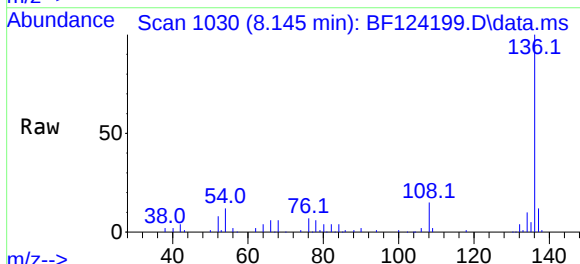
Ion	Ratio	Lower	Upper
99	100		
42	23.7	19.8	29.8
71	44.0	31.1	46.7

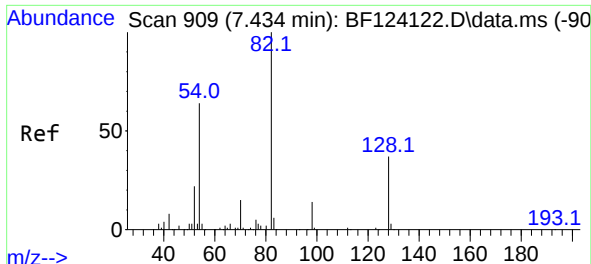


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124199.D
Acq: 9 Jun 2021 1:40

Tgt Ion: 136 Resp: 112021

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	11.9	9.8	14.6
68	6.2	4.1	6.1





#23

Nitrobenzene-d5

Concen: 13.456 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF124199.D

Acq: 9 Jun 2021 1:40

Instrument :

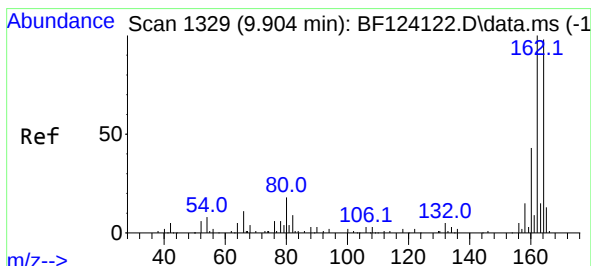
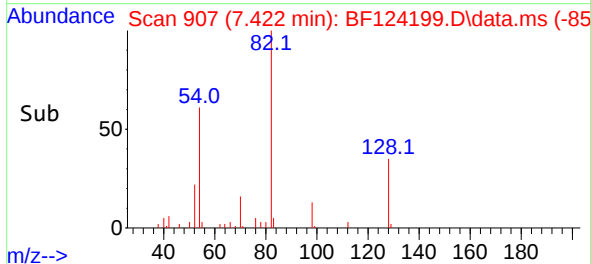
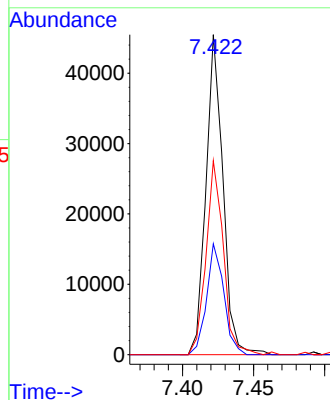
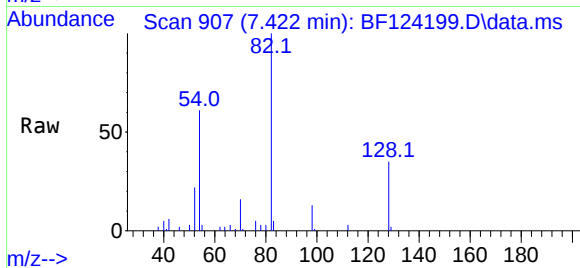
BNA_F

ClientSampleId :

HD-02-060721

Tgt Ion: 82 Resp: 38005

Ion	Ratio	Lower	Upper
82	100		
128	34.6	29.4	44.2
54	60.6	54.1	81.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

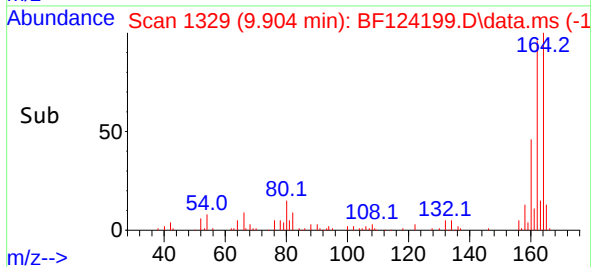
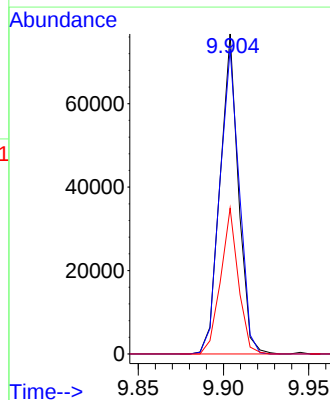
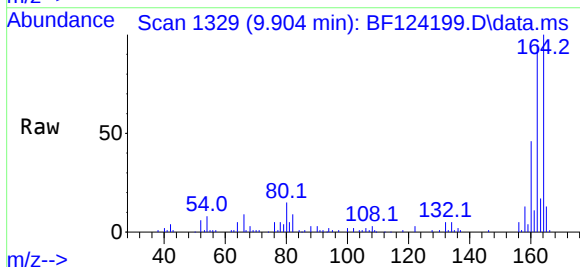
Delta R.T. -0.000 min

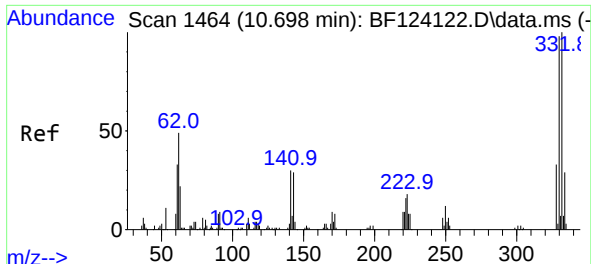
Lab File: BF124199.D

Acq: 9 Jun 2021 1:40

Tgt Ion: 164 Resp: 57614

Ion	Ratio	Lower	Upper
164	100		
162	95.3	80.7	121.1
160	45.6	37.3	55.9

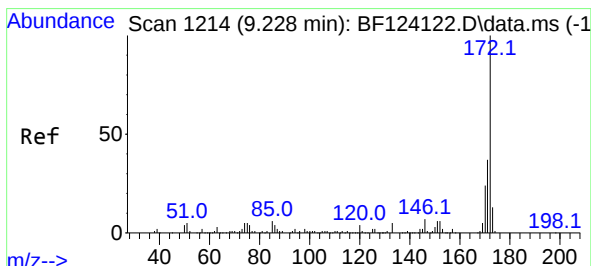
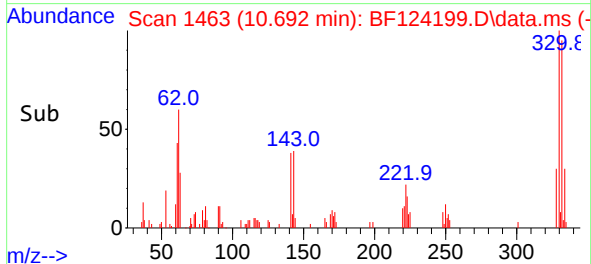
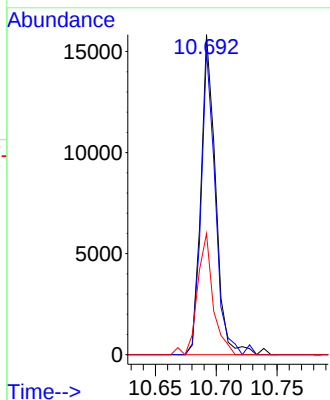
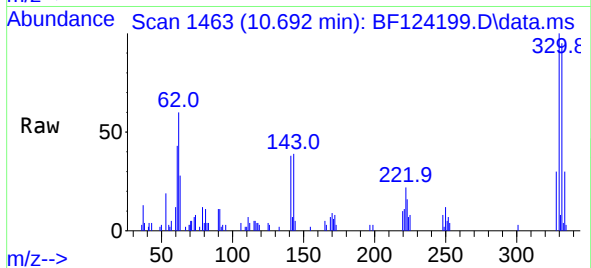




#42
2,4,6-Tribromophenol
Concen: 16.365 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124199.D
Acq: 9 Jun 2021 1:40

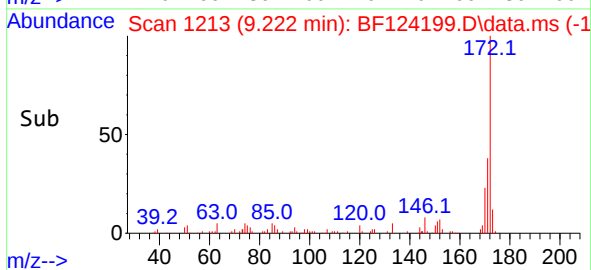
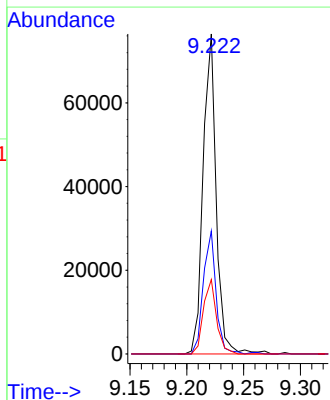
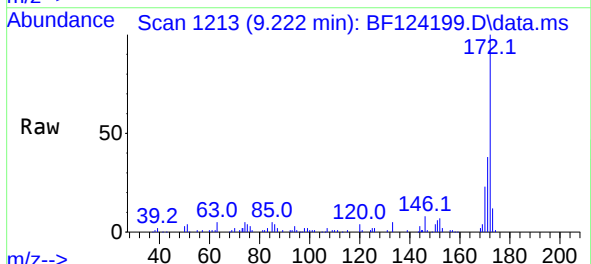
Instrument :
BNA_F
ClientSampleID :
HD-02-060721

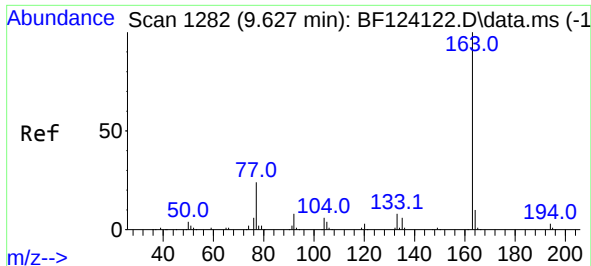
Tgt Ion: 330 Resp: 13358
Ion Ratio Lower Upper
330 100
332 92.5 77.1 115.7
141 40.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 13.384 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124199.D
Acq: 9 Jun 2021 1:40

Tgt Ion: 172 Resp: 61278
Ion Ratio Lower Upper
172 100
171 38.4 28.1 42.1
170 23.3 19.2 28.8

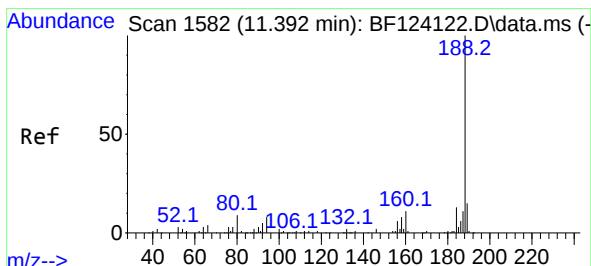
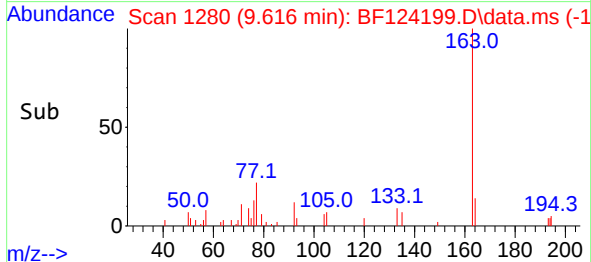
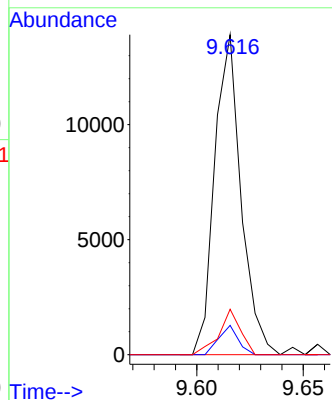
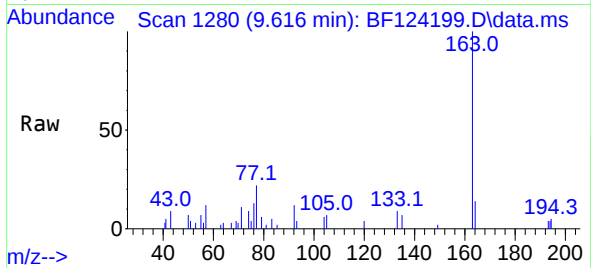




#50
Dimethylphthalate
Concen: 2.515 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF124199.D
Acq: 9 Jun 2021 1:40

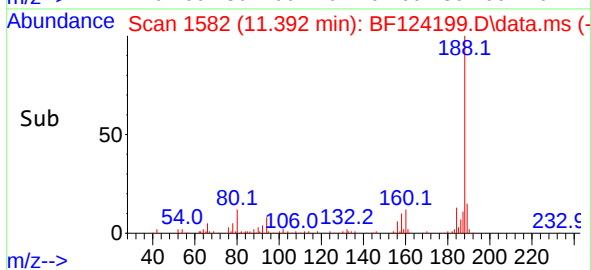
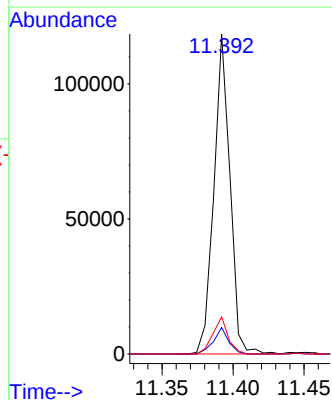
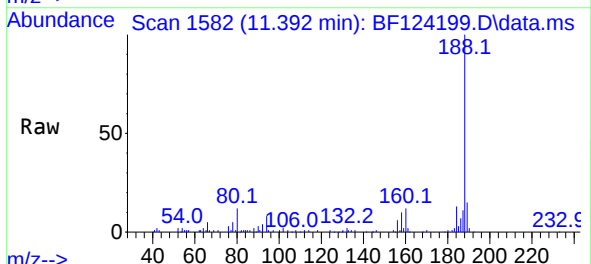
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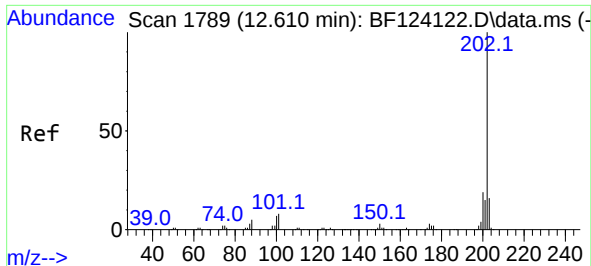
Tgt Ion:163 Resp: 11988
Ion Ratio Lower Upper
163 100
194 9.1 3.1 4.7#
164 14.2 8.2 12.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF124199.D
Acq: 9 Jun 2021 1:40

Tgt Ion:188 Resp: 93146
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 11.6 8.2 12.2

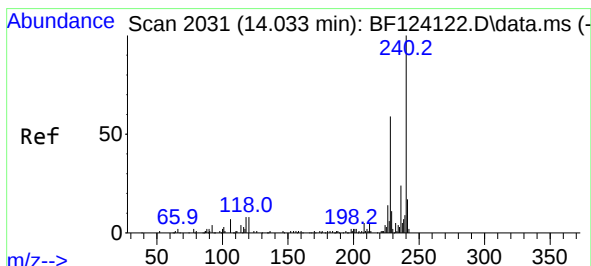
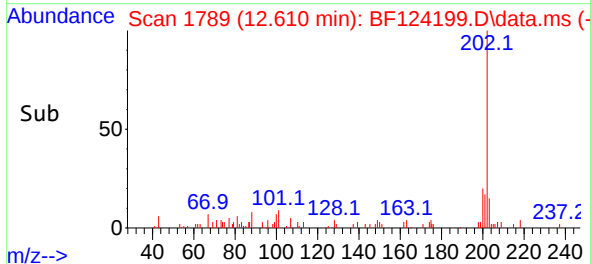
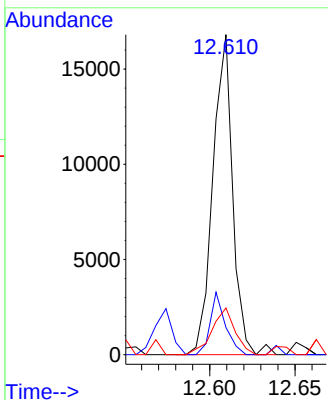
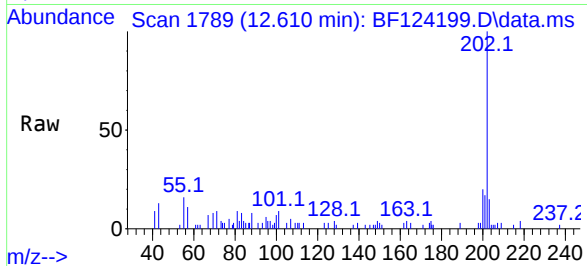




#75
Fluoranthene
Concen: 2.235 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF124199.D
Acq: 9 Jun 2021 1:40

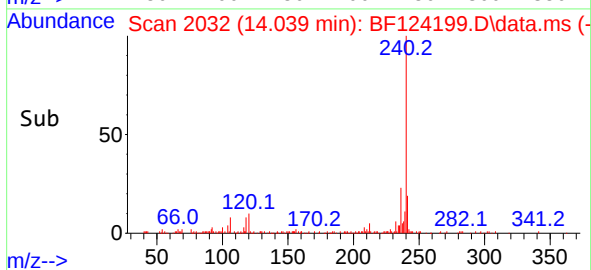
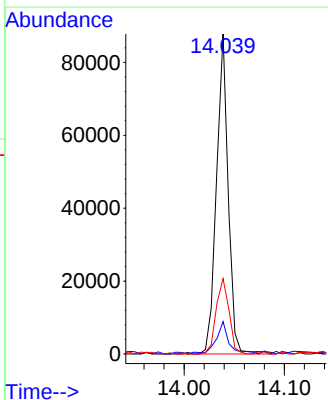
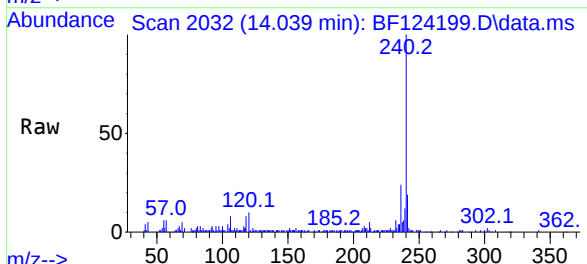
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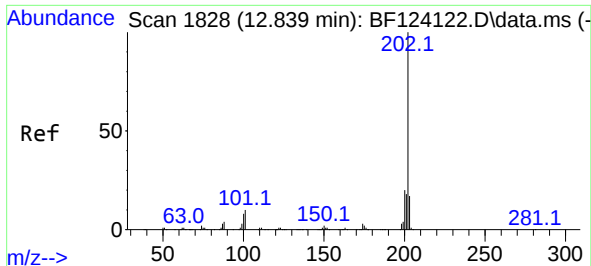
Tgt Ion:202	Resp:	13648
Ion Ratio	Lower	Upper
202	100	
101	8.5	0.0 30.9
203	14.6	0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF124199.D
Acq: 9 Jun 2021 1:40

Tgt Ion:240	Resp:	71330
Ion Ratio	Lower	Upper
240	100	
120	10.1	7.2 10.8
236	23.6	19.0 28.4

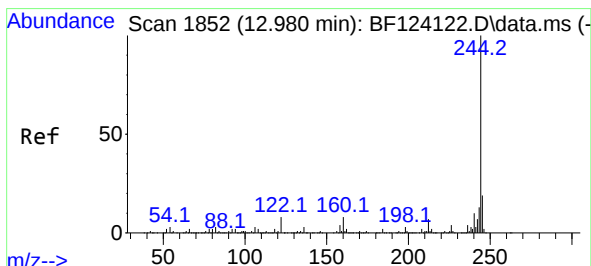
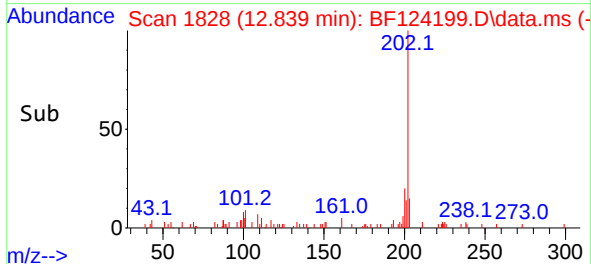
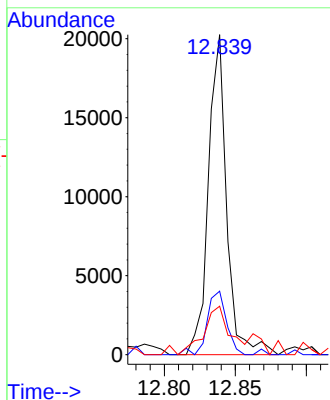
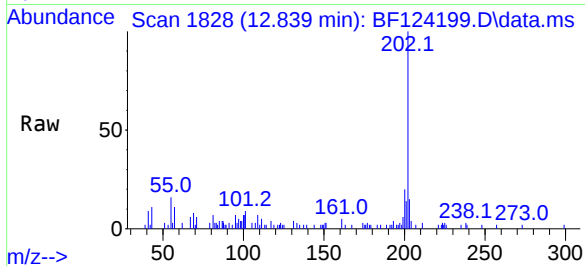




#78
Pyrene
Concen: 2.648 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF124199.D
Acq: 9 Jun 2021 1:40

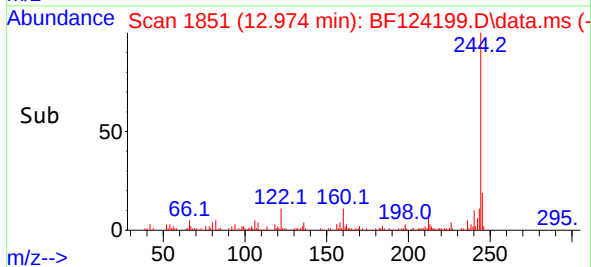
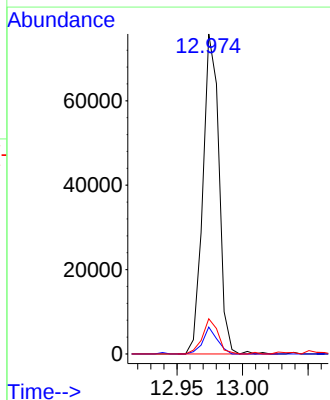
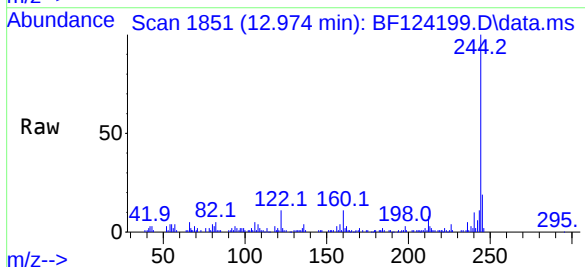
Instrument :
BNA_F
ClientSampleId :
HD-02-060721

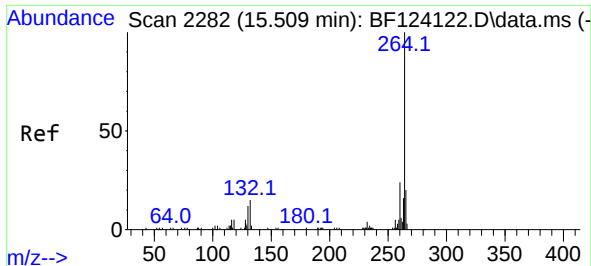
Tgt Ion:	202	Resp:	18139
Ion Ratio	Lower	Upper	
202	100		
200	19.9	16.1	24.1
203	15.2	14.8	22.2



#79
Terphenyl-d14
Concen: 12.503 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF124199.D
Acq: 9 Jun 2021 1:40

Tgt Ion:	244	Resp:	64959
Ion Ratio	Lower	Upper	
244	100		
212	8.4	5.7	8.5
122	11.0	9.7	14.5

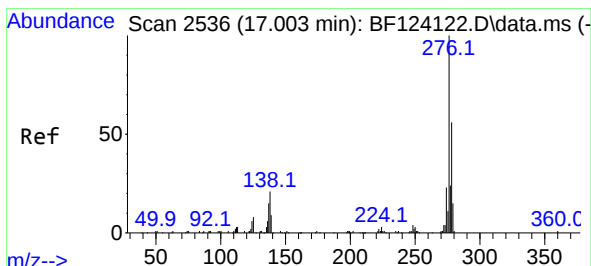
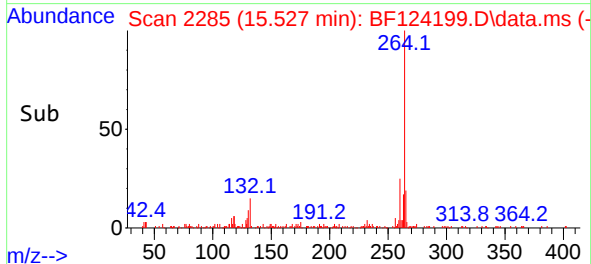
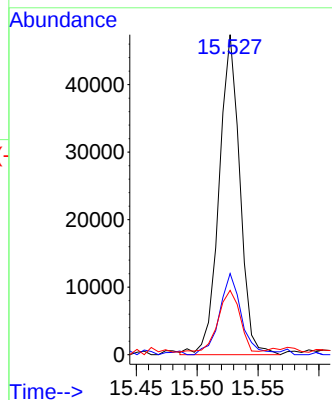
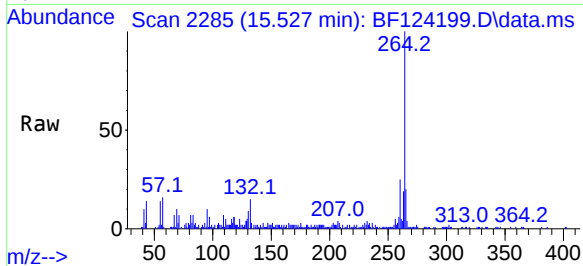




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2285
Delta R.T. 0.018 min
Lab File: BF124199.D
Acq: 9 Jun 2021 1:40

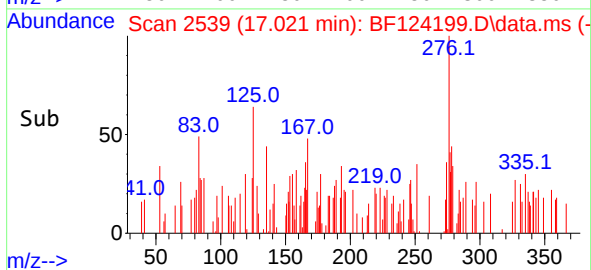
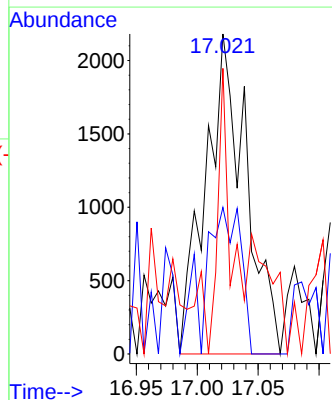
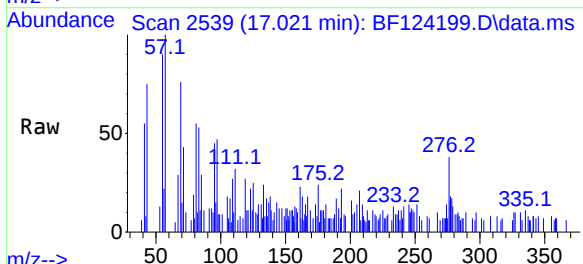
Instrument :
BNA_F
ClientSampleId :
HD-02-060721

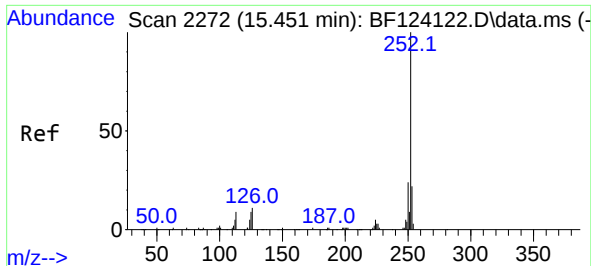
Tgt Ion:264 Resp: 56308
Ion Ratio Lower Upper
264 100
260 25.4 18.7 28.1
265 20.1 17.8 26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 5.308 ng
RT: 17.021 min Scan# 2539
Delta R.T. 0.018 min
Lab File: BF124199.D
Acq: 9 Jun 2021 1:40

Tgt Ion:276 Resp: 5013
Ion Ratio Lower Upper
276 100
138 34.7 16.2 24.2#
277 28.7 20.1 30.1

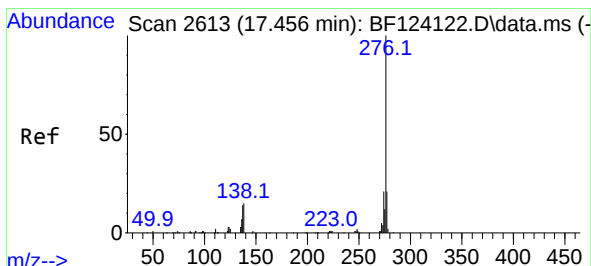
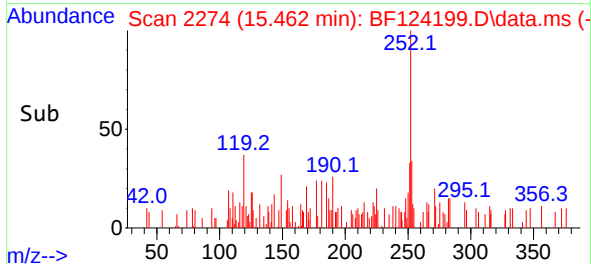
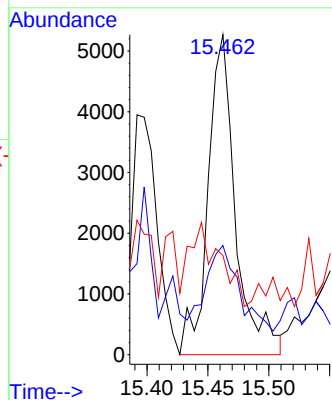
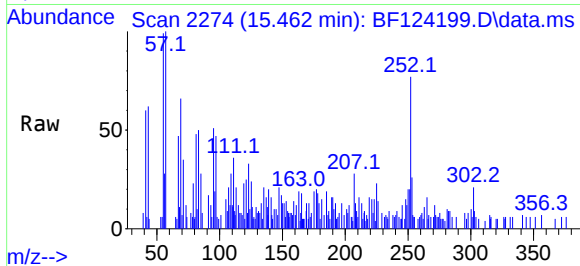




#90
Benzo(a)pyrene
Concen: 2.182 ng
RT: 15.462 min Scan# 2274
Delta R.T. 0.012 min
Lab File: BF124199.D
Acq: 9 Jun 2021 1:40

Instrument :
BNA_F
ClientSampleId :
HD-02-060721

Tgt Ion:252 Resp: 8288
Ion Ratio Lower Upper
252 100
253 34.1 18.4 27.6#
125 31.0 8.0 12.0#



#92
Benzo(g,h,i)perylene
Concen: 4.958 ng
RT: 17.480 min Scan# 2617
Delta R.T. 0.024 min
Lab File: BF124199.D
Acq: 9 Jun 2021 1:40

Tgt Ion:276 Resp: 4932
Ion Ratio Lower Upper
276 100
277 22.0 18.2 27.2
138 48.8 13.8 20.6#

