

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
 Data File : BF124363.D
 Acq On : 17 Jun 2021 15:12
 Operator : JU/CG
 Sample : M2710-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Jun 17 15:43:14 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)

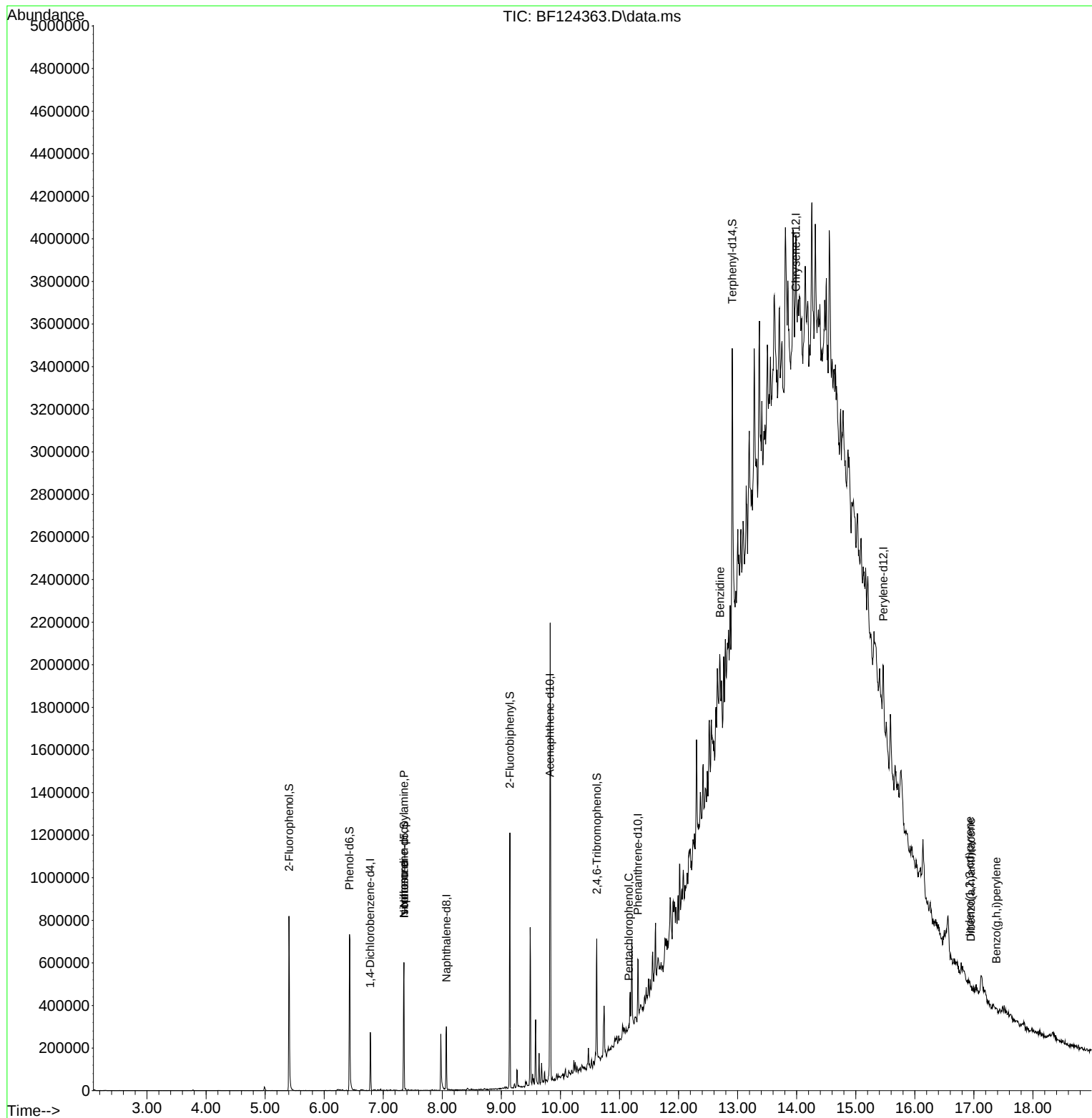
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	31839	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	114611	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	59475	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	88638	20.000	ng	0.00
76) Chrysene-d12	13.986	240	61576	20.000	ng	# 0.02
86) Perylene-d12	15.468	264	44326	20.000	ng	# 0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	184156	87.069	ng	-0.01
7) Phenol-d6	6.428	99	225443	79.298	ng	-0.02
23) Nitrobenzene-d5	7.351	82	166569	57.641	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	58288	69.175	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	285760	60.461	ng	0.00
79) Terphenyl-d14	12.910	244	252308	56.257	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	24933	12.424	ng	# 62
25) Isophorone	7.351	82	166566	31.987	ng	# 69
70) Pentachlorophenol	11.157	266	122	4.823	ng	# 18
77) Benzidine	12.704	184	422	4.330	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.927	276	570	4.476	ng	# 1
91) Dibenzo(a,h)anthracene	16.951	278	269	4.253	ng	# 1
92) Benzo(g,h,i)perylene	17.380	276	788	4.041	ng	# 1

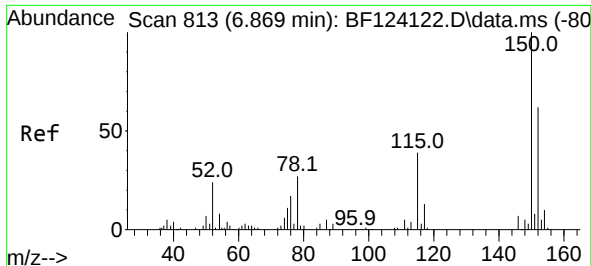
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
Data File : BF124363.D
Acq On : 17 Jun 2021 15:12
Operator : JU/CG
Sample : M2710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Time: Jun 17 15:43:14 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

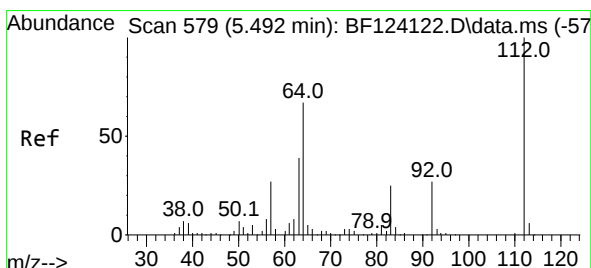
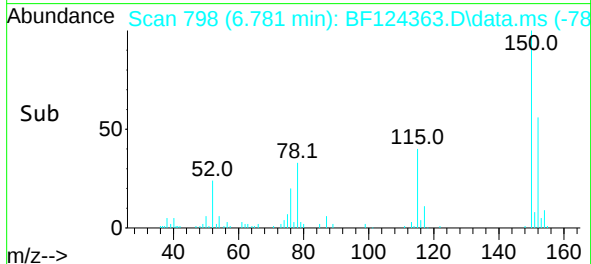
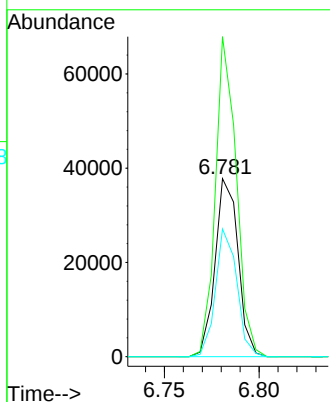
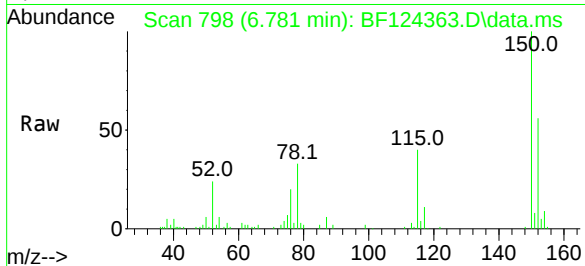




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124363.D
Acq: 17 Jun 2021 15:12

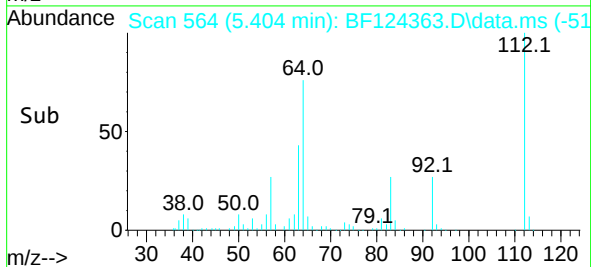
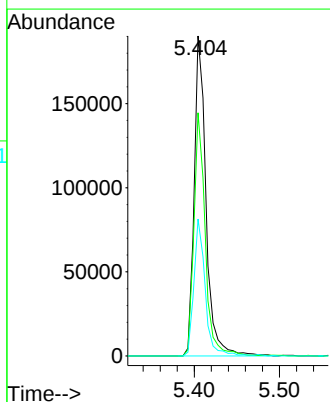
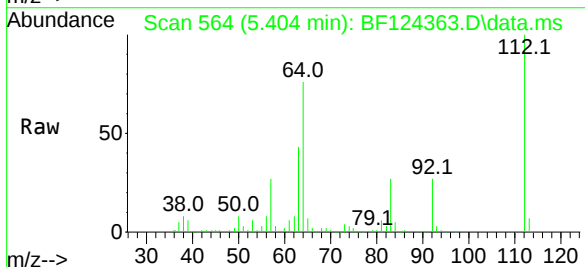
Instrument :
BNA_F
ClientSampleId :
WC-1

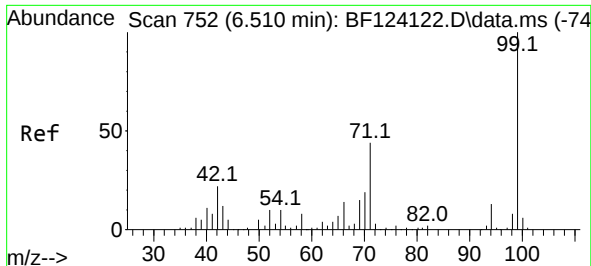
Tgt Ion:152 Resp: 31839
Ion Ratio Lower Upper
152 100
150 179.8 127.0 190.6
115 71.7 54.3 81.5



#5
2-Fluorophenol
Concen: 87.069 ng
RT: 5.404 min Scan# 564
Delta R.T. -0.012 min
Lab File: BF124363.D
Acq: 17 Jun 2021 15:12

Tgt Ion:112 Resp: 184156
Ion Ratio Lower Upper
112 100
64 76.0 61.4 92.0
63 42.8 33.0 49.4

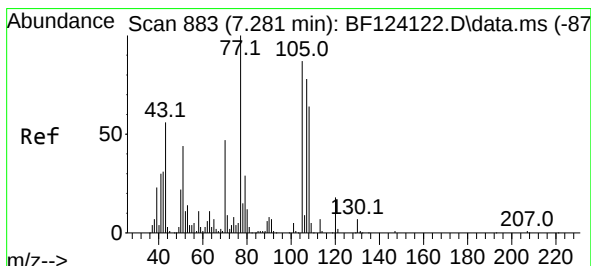
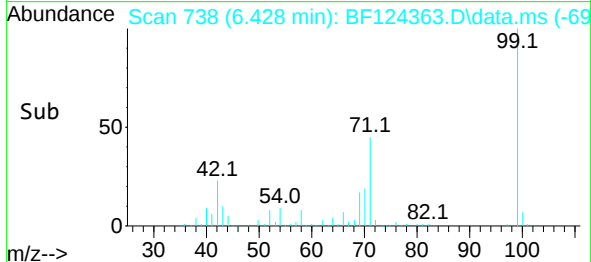
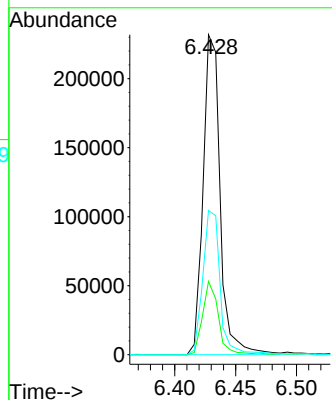
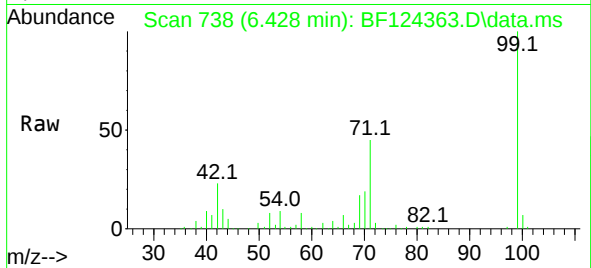




#7
Phenol-d6
Concen: 79.298 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124363.D
Acq: 17 Jun 2021 15:12

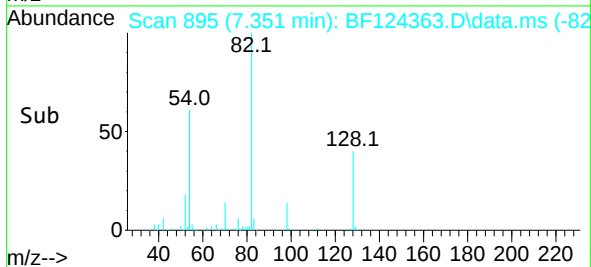
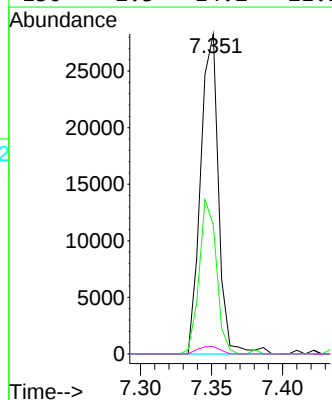
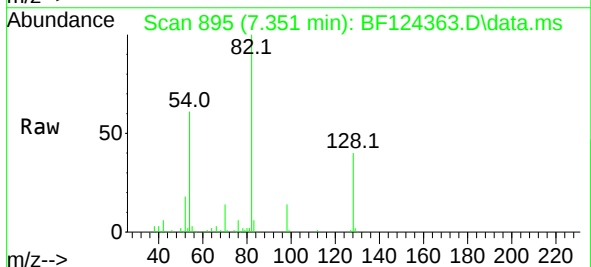
Instrument :
BNA_F
ClientSampleId :
WC-1

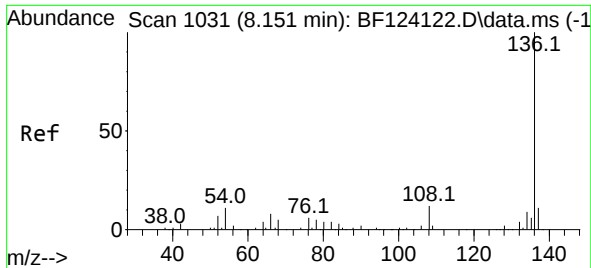
Tgt Ion: 99 Resp: 225443
Ion Ratio Lower Upper
99 100
42 22.9 19.8 29.8
71 45.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.424 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124363.D
Acq: 17 Jun 2021 15:12

Tgt Ion: 70 Resp: 24933
Ion Ratio Lower Upper
70 100
42 40.3 60.1 90.1#
101 0.0 7.4 11.2#
130 2.3 14.2 21.2#

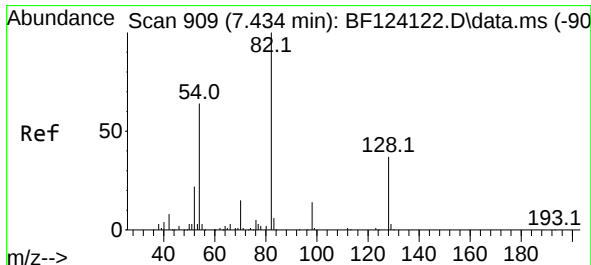
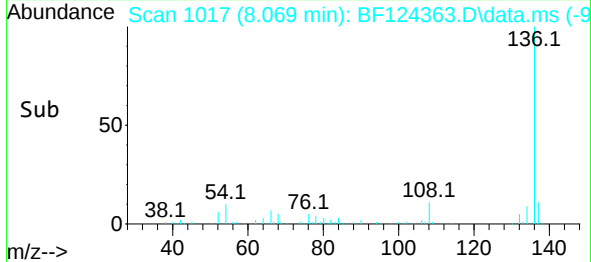
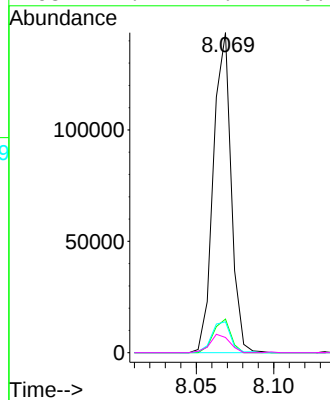
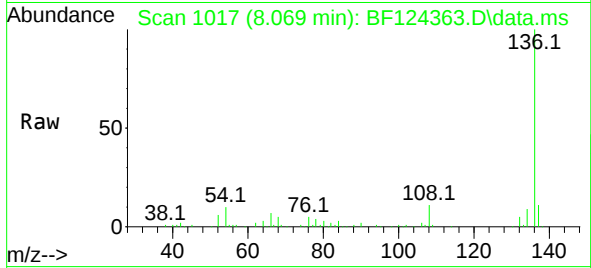




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124363.D
Acq: 17 Jun 2021 15:12

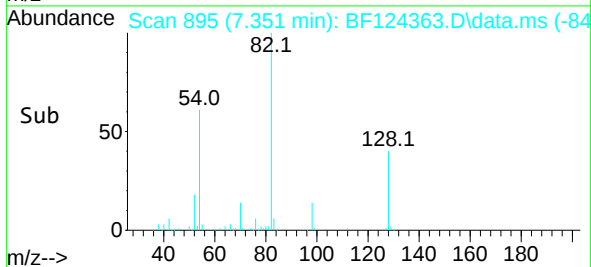
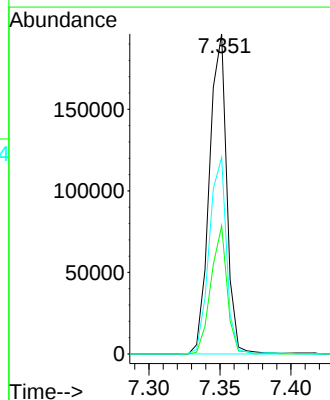
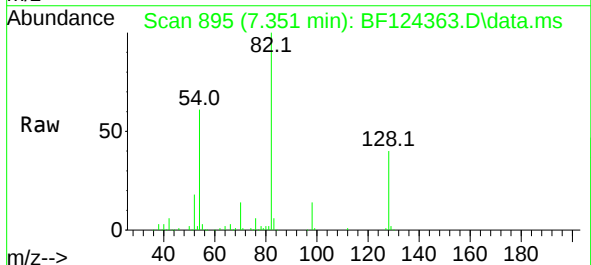
Instrument :
BNA_F
ClientSampleId :
WC-1

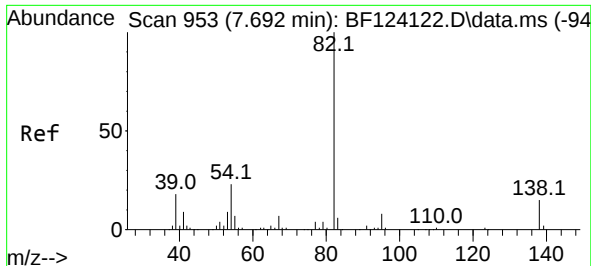
Tgt Ion:136	Resp: 114611
Ion Ratio	Lower Upper
136 100	
137 10.5	8.7 13.1
54 9.7	9.8 14.6#
68 4.7	4.1 6.1



#23
Nitrobenzene-d5
Concen: 57.641 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124363.D
Acq: 17 Jun 2021 15:12

Tgt Ion: 82	Resp: 166569
Ion Ratio	Lower Upper
82 100	
128 40.1	29.4 44.2
54 61.4	54.1 81.1

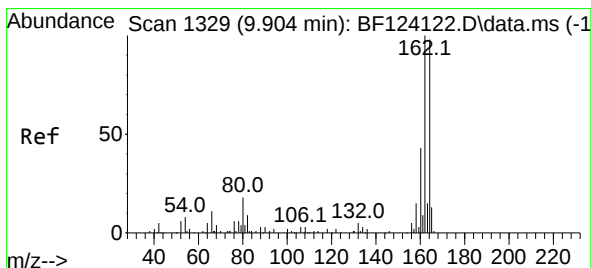
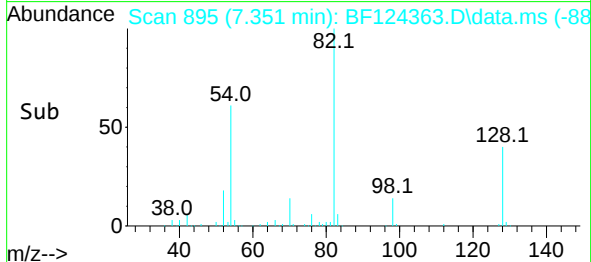
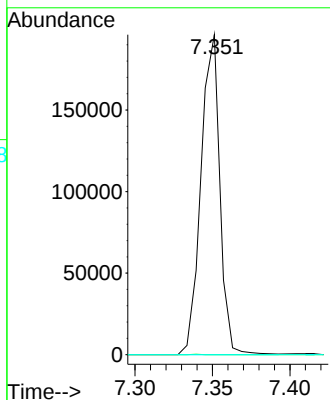
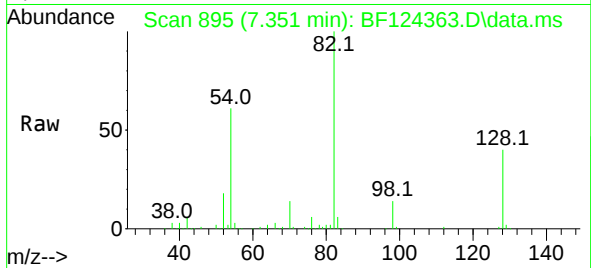




#25
Isophorone
Concen: 31.987 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124363.D
Acq: 17 Jun 2021 15:12

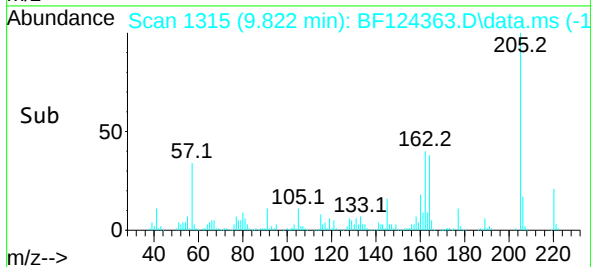
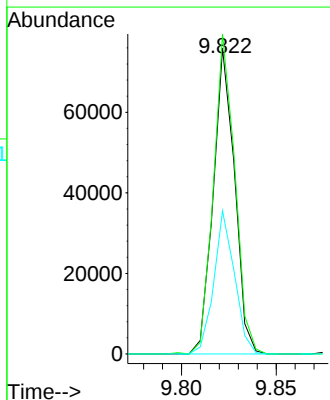
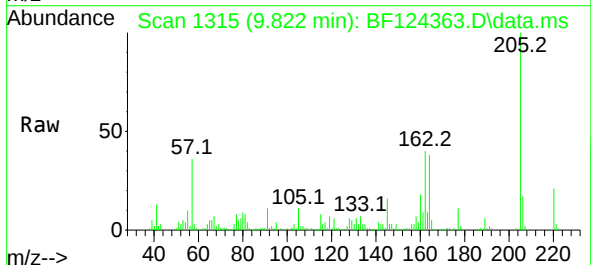
Instrument :
BNA_F
ClientSampleID :
WC-1

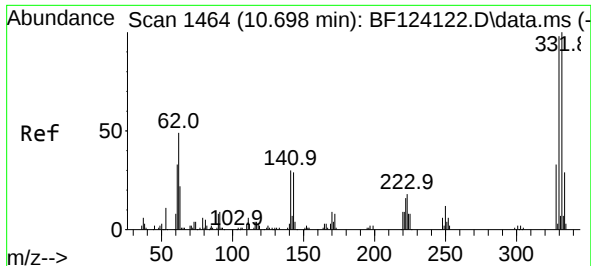
Tgt Ion: 82 Resp: 166566
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124363.D
Acq: 17 Jun 2021 15:12

Tgt Ion: 164 Resp: 59475
Ion Ratio Lower Upper
164 100
162 104.7 80.7 121.1
160 46.9 37.3 55.9

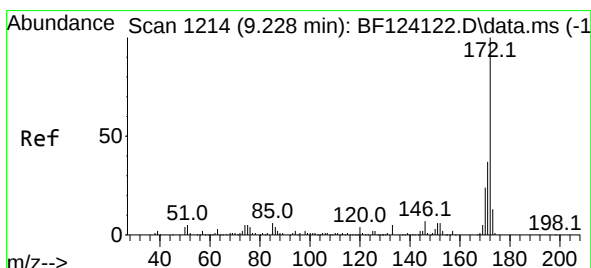
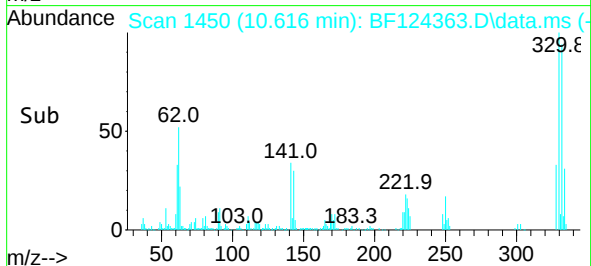
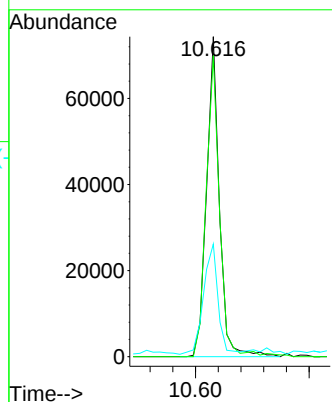
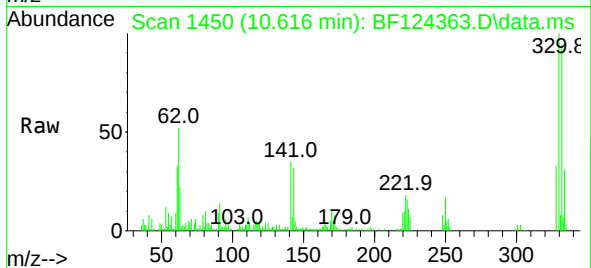




#42
2,4,6-Tribromophenol
Concen: 69.175 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124363.D
Acq: 17 Jun 2021 15:12

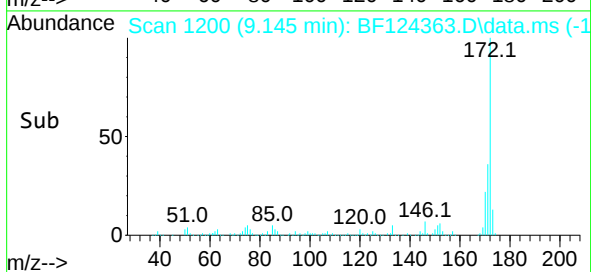
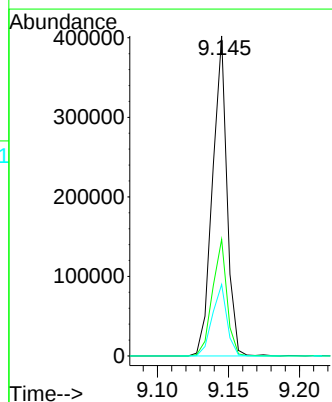
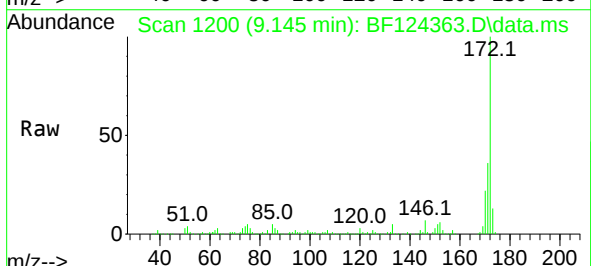
Instrument :
BNA_F
ClientSampled :
WC-1

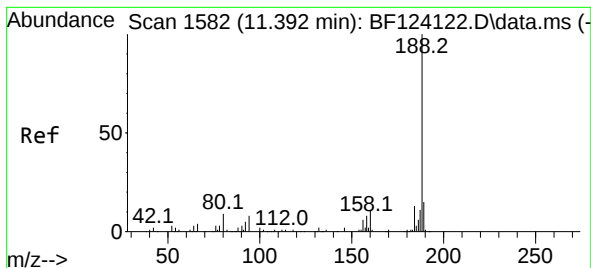
Tgt Ion: 330 Resp: 58288
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 38.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 60.461 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124363.D
Acq: 17 Jun 2021 15:12

Tgt Ion: 172 Resp: 285760
Ion Ratio Lower Upper
172 100
171 36.5 28.1 42.1
170 22.3 19.2 28.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

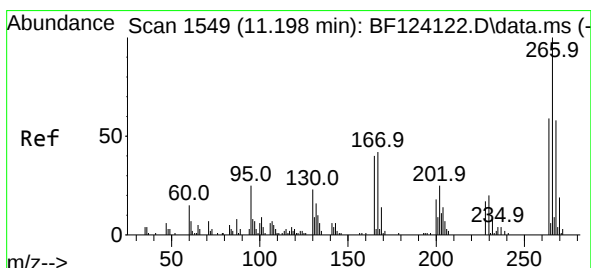
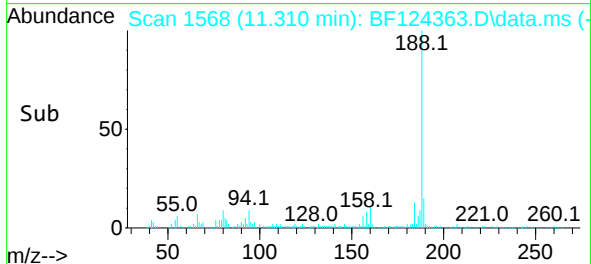
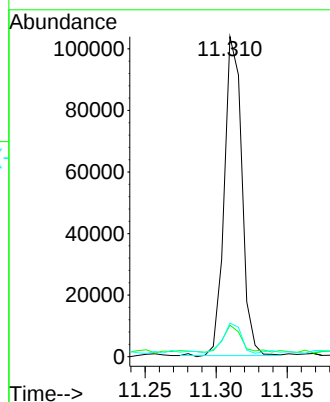
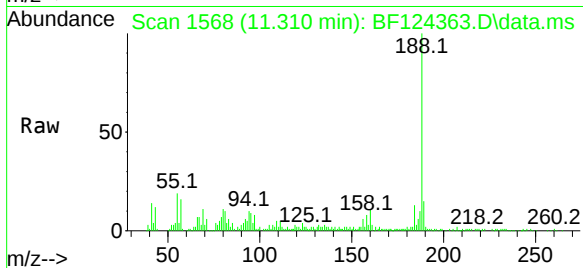
Delta R.T. -0.006 min

Lab File: BF124363.D

Acq: 17 Jun 2021 15:12

Tgt Ion:188	Resp:	88638
Ion Ratio	Lower	Upper
188	100	
94	9.9	6.9 10.3
80	10.5	8.2 12.2

Instrument :
BNA_F
ClientSampleId :
WC-1



#70

Pentachlorophenol

Concen: 4.823 ng

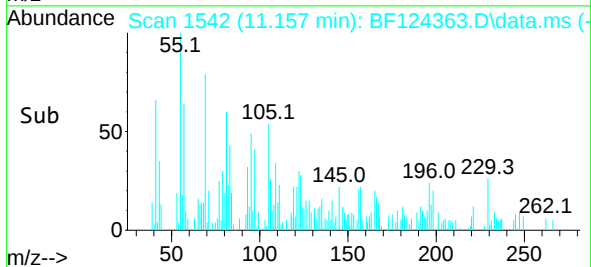
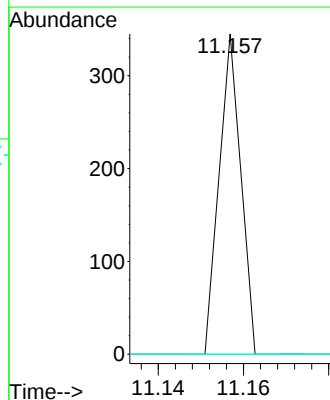
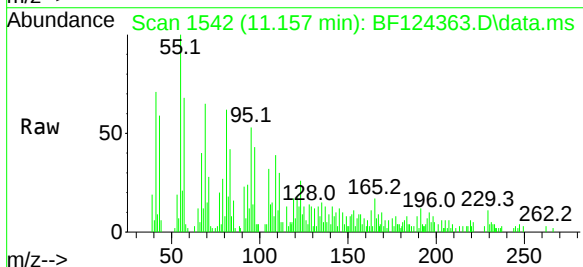
RT: 11.157 min Scan# 1542

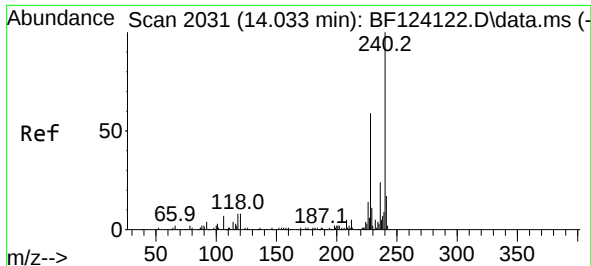
Delta R.T. 0.029 min

Lab File: BF124363.D

Acq: 17 Jun 2021 15:12

Tgt Ion:266	Resp:	122
Ion Ratio	Lower	Upper
266	100	
268	0.0	51.6 77.4#
264	0.0	52.6 78.8#

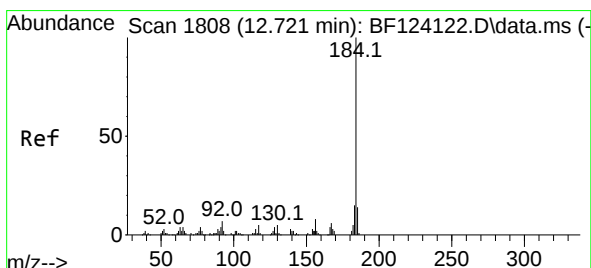
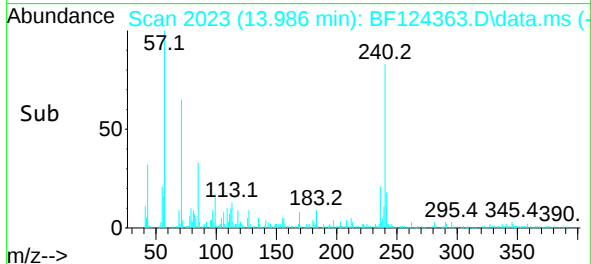
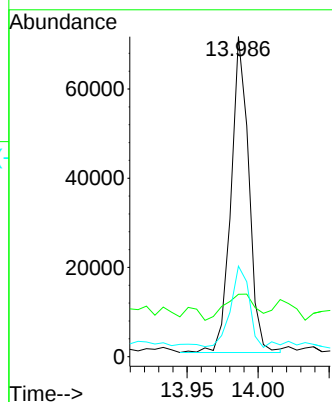
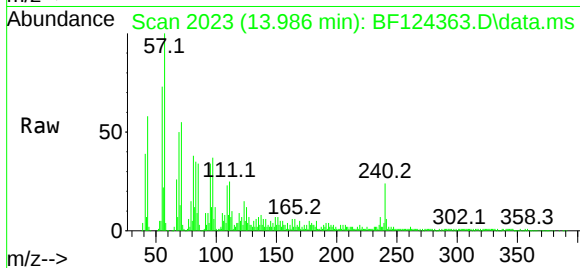




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.024 min
Lab File: BF124363.D
Acq: 17 Jun 2021 15:12

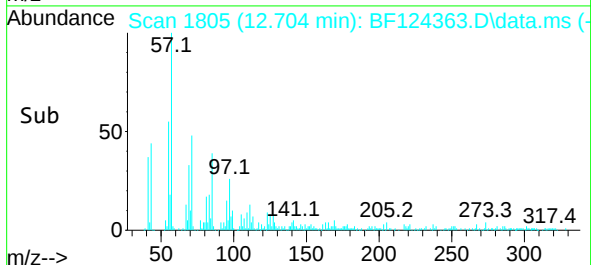
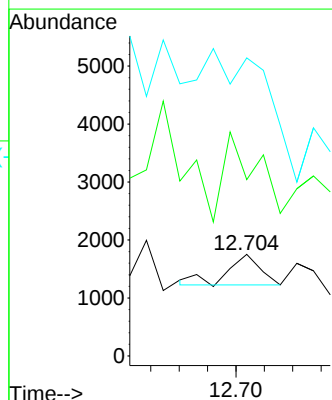
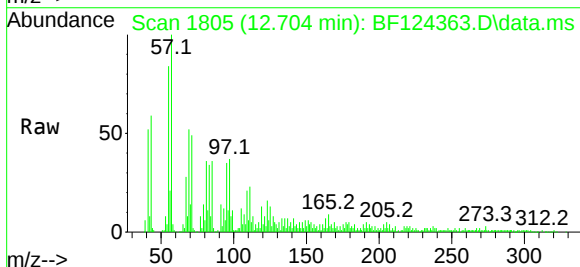
Instrument :
BNA_F
ClientSampleId :
WC-1

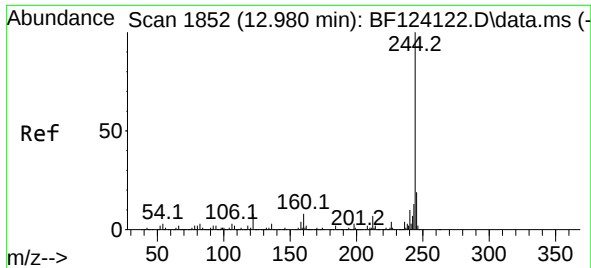
Tgt Ion:240 Resp: 61576
Ion Ratio Lower Upper
240 100
120 19.5 7.2 10.8#
236 28.3 19.0 28.4



#77
Benzidine
Concen: 4.330 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.006 min
Lab File: BF124363.D
Acq: 17 Jun 2021 15:12

Tgt Ion:184 Resp: 422
Ion Ratio Lower Upper
184 100
185 173.6 12.1 18.1#
183 293.5 7.8 11.8#

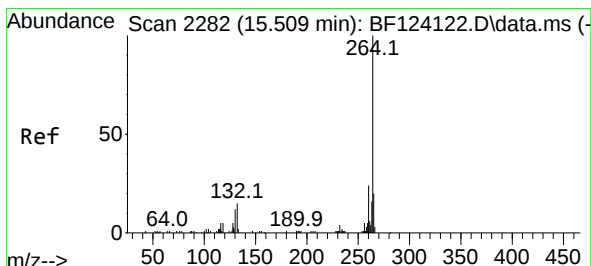
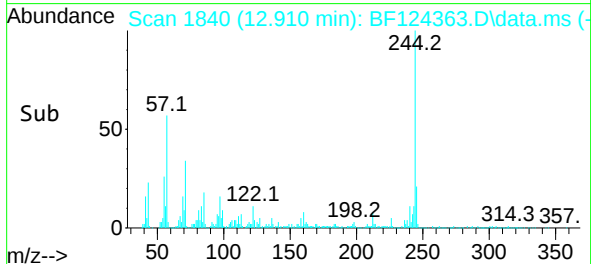
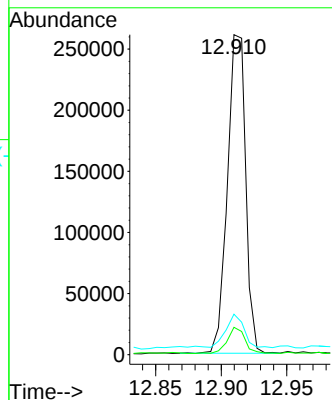
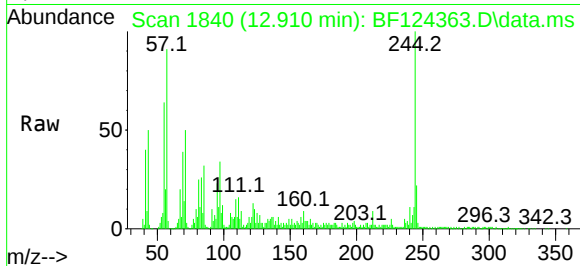




#79
Terphenyl-d14
Concen: 56.257 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF124363.D
Acq: 17 Jun 2021 15:12

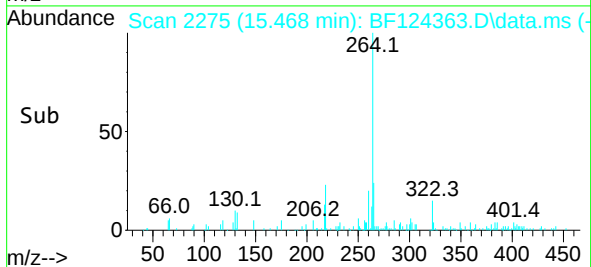
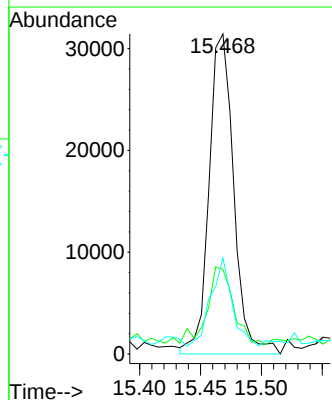
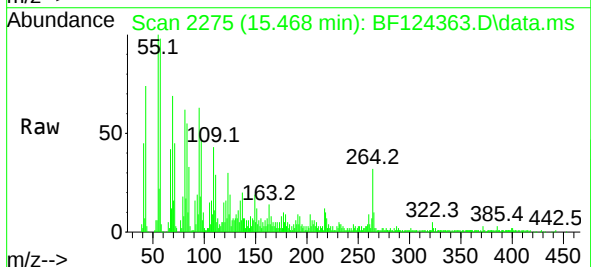
Instrument :
BNA_F
ClientSampleId :
WC-1

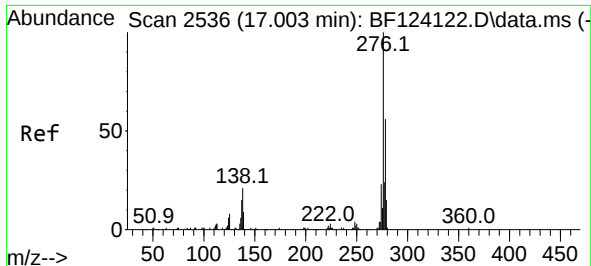
Tgt Ion:244 Resp: 252308
Ion Ratio Lower Upper
244 100
212 8.5 5.7 8.5#
122 12.7 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.053 min
Lab File: BF124363.D
Acq: 17 Jun 2021 15:12

Tgt Ion:264 Resp: 44326
Ion Ratio Lower Upper
264 100
260 26.4 18.7 28.1
265 30.0 17.8 26.8#

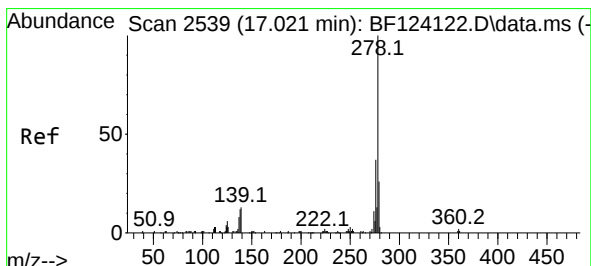
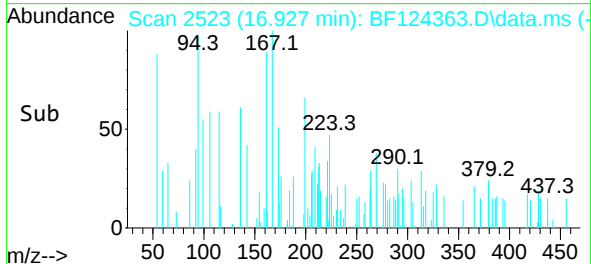
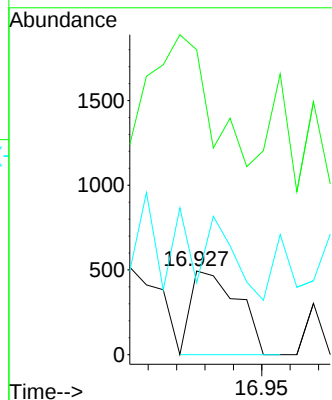
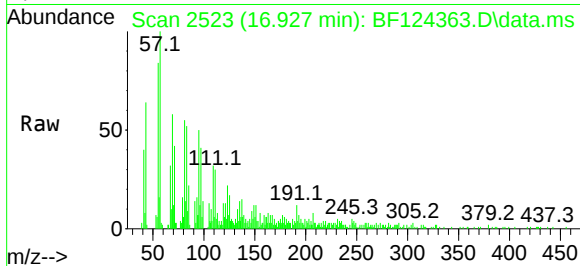




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.476 ng
RT: 16.927 min Scan# 2523
Delta R.T. 0.053 min
Lab File: BF124363.D
Acq: 17 Jun 2021 15:12

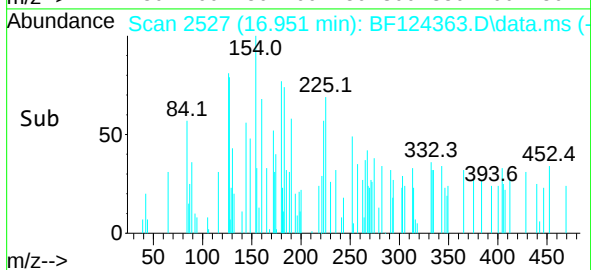
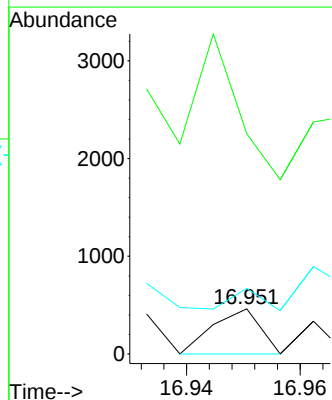
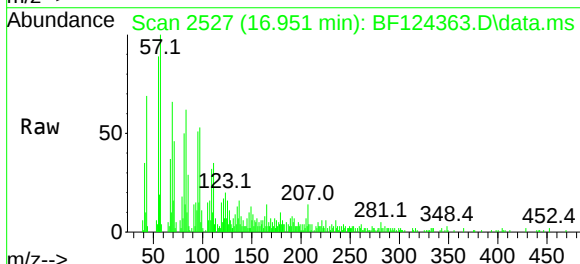
Instrument :
BNA_F
ClientSampleId :
WC-1

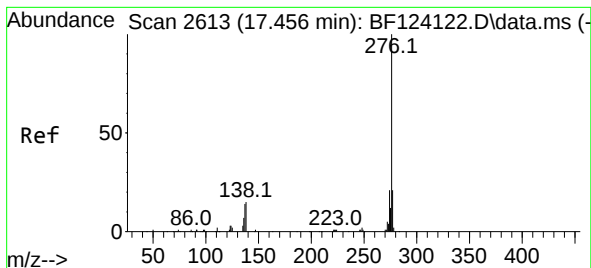
Tgt Ion:276 Resp: 570
Ion Ratio Lower Upper
276 100
138 185.8 16.2 24.2#
277 0.0 20.1 30.1#



#91
Dibenzo(a,h)anthracene
Concen: 4.253 ng
RT: 16.951 min Scan# 2527
Delta R.T. 0.065 min
Lab File: BF124363.D
Acq: 17 Jun 2021 15:12

Tgt Ion:278 Resp: 269
Ion Ratio Lower Upper
278 100
139 488.1 10.2 15.2#
279 145.2 19.4 29.0#





#92
 Benzo(g,h,i)perylene
 Concen: 4.041 ng
 RT: 17.380 min Scan# 2600
 Delta R.T. 0.065 min
 Lab File: BF124363.D
 Acq: 17 Jun 2021 15:12

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:276 Resp: 788
 Ion Ratio Lower Upper
 276 100
 277 90.8 18.2 27.2#
 138 193.6 13.8 20.6#

