

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
 Data File : BF124405.D
 Acq On : 21 Jun 2021 21:43
 Operator : JU/CG
 Sample : M2773-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Jun 22 01:34:02 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)

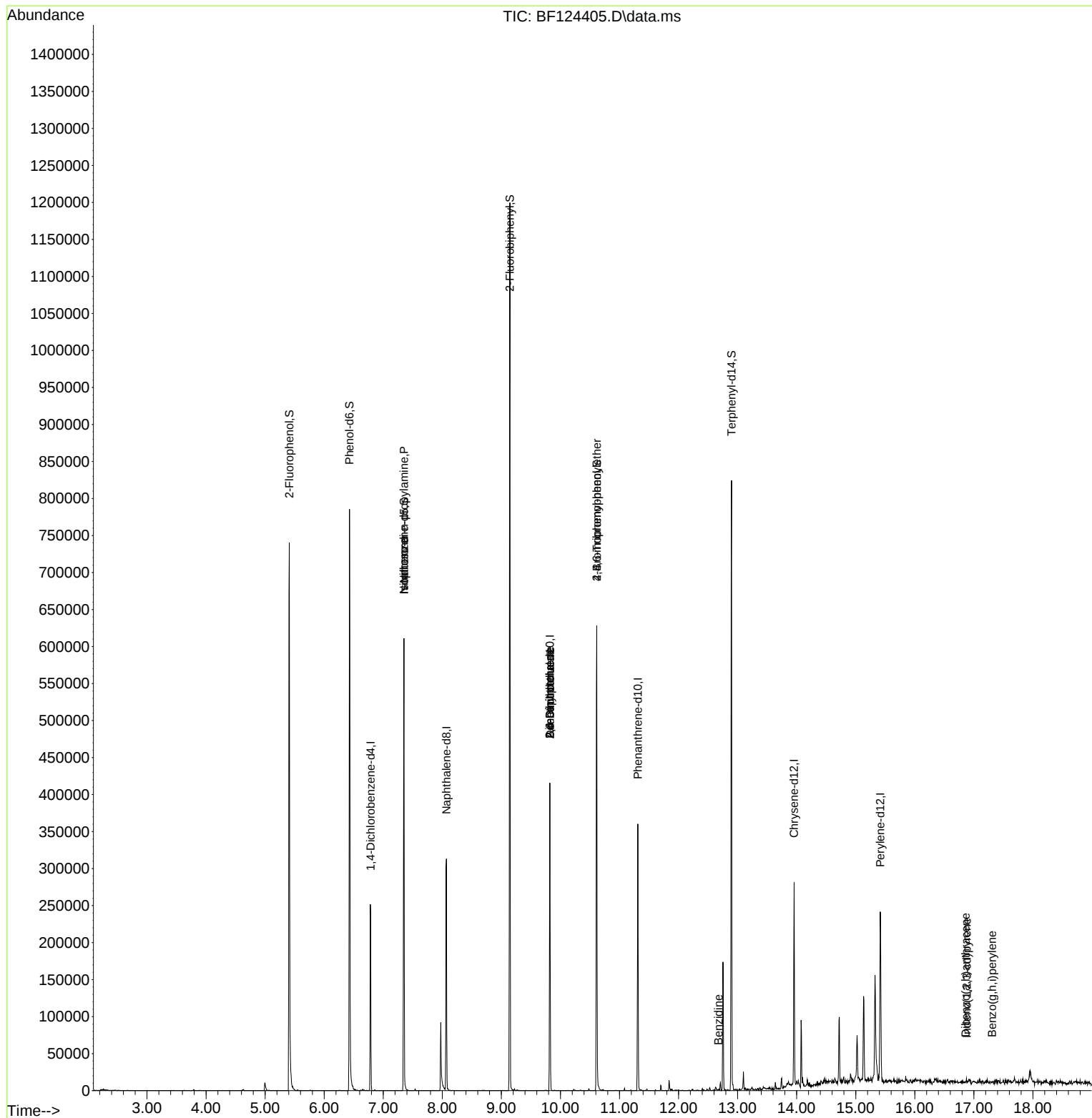
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	34432	20.00	ng	0.00
21) Naphthalene-d8	8.069	136	131219	20.00	ng	# 0.00
39) Acenaphthene-d10	9.822	164	70540	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	110948	20.00	ng	0.00
76) Chrysene-d12	13.957	240	80469	20.00	ng	0.00
86) Perylene-d12	15.415	264	92179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	178854	78.19	ng	0.00
7) Phenol-d6	6.428	99	226699	73.73	ng	-0.02
23) Nitrobenzene-d5	7.351	82	168545	50.94	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	68637	68.68	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	310941	55.47	ng	0.00
79) Terphenyl-d14	12.898	244	241286	41.17	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	22346	10.30	ng	# 69
25) Isophorone	7.351	82	168582	28.28	ng	# 69
50) Dimethylphthalate	9.822	163	14226	2.44	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	9297	6.95	ng	# 10
57) 2,4-Dinitrotoluene	9.822	165	9297	5.27	ng	# 15
67) 4-Bromophenyl-phenylether	10.616	248	4924	3.23	ng	# 1
77) Benzidine	12.674	184	501	4.31	ng	# 68
87) Indeno(1,2,3-cd)pyrene	16.880	276	1365	4.50	ng	# 62
91) Dibenzo(a,h)anthracene	16.862	278	123	4.19	ng	# 57
92) Benzo(g,h,i)perylene	17.309	276	911	3.94	ng	# 56

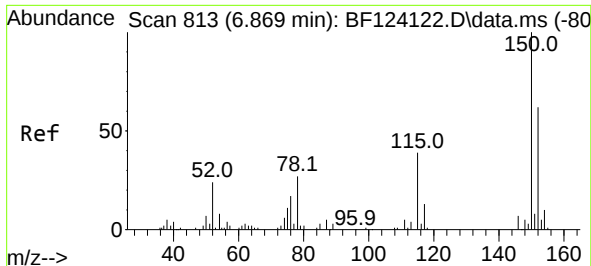
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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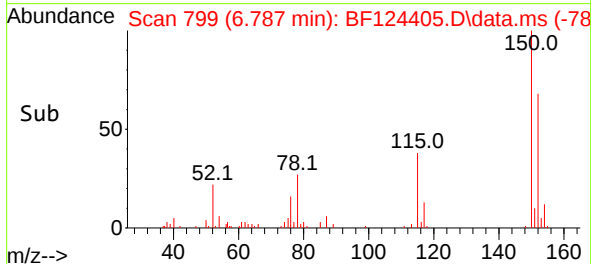
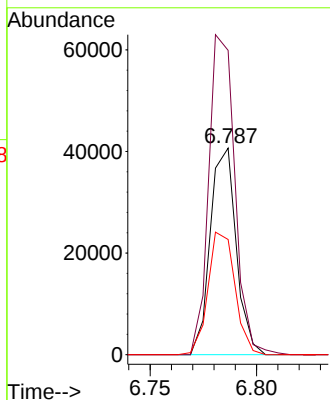
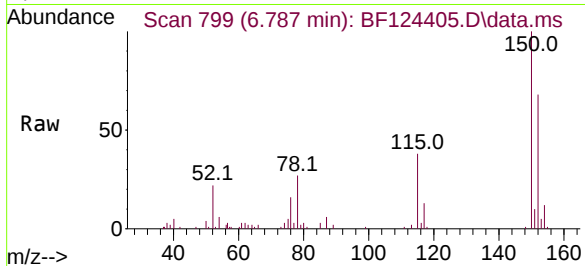




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.787 min Scan# 799
Delta R.T. 0.001 min
Lab File: BF124405.D
Acq: 21 Jun 2021 21:43

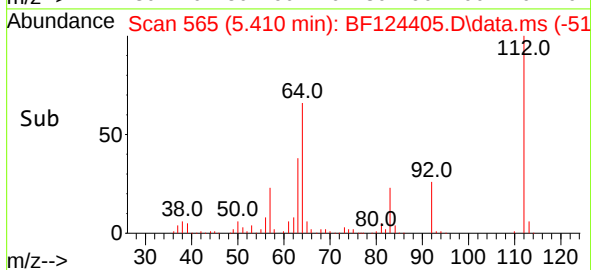
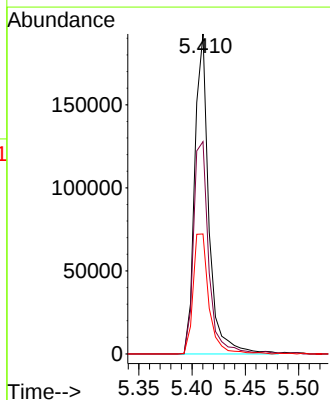
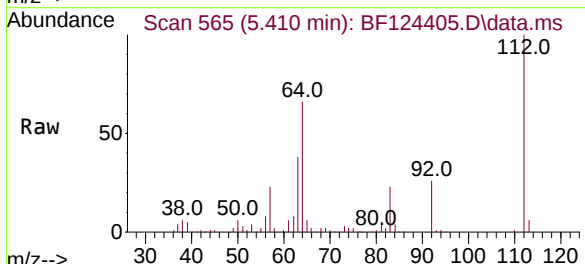
Instrument :
BNA_F
ClientSampled :
SB-2

Tgt Ion:152 Resp: 34432
Ion Ratio Lower Upper
152 100
150 147.3 127.0 190.6
115 55.8 54.3 81.5



#5
2-Fluorophenol
Concen: 78.19 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124405.D
Acq: 21 Jun 2021 21:43

Tgt Ion:112 Resp: 178854
Ion Ratio Lower Upper
112 100
64 66.3 61.4 92.0
63 37.5 33.0 49.4

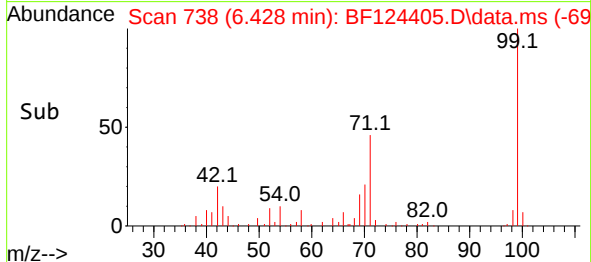
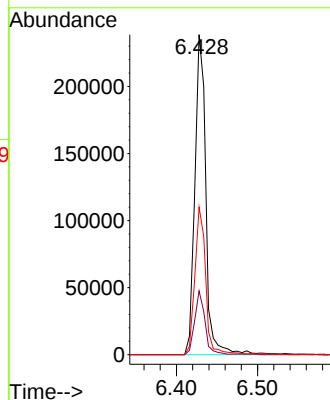
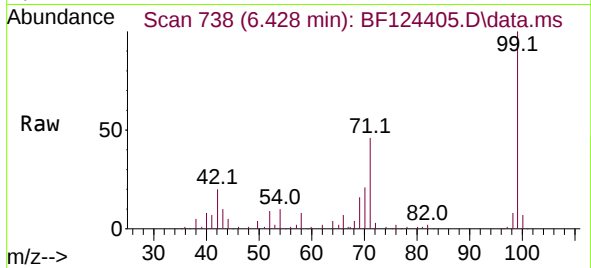




#7
Phenol-d6
Concen: 73.73 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124405.D
Acq: 21 Jun 2021 21:43

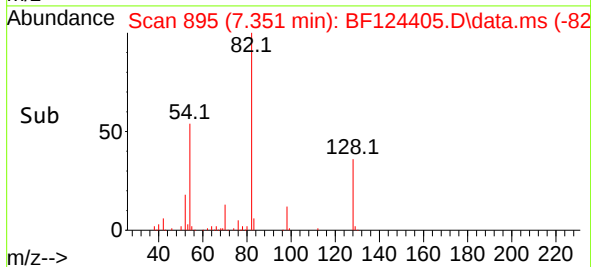
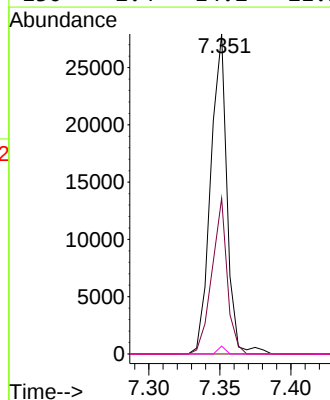
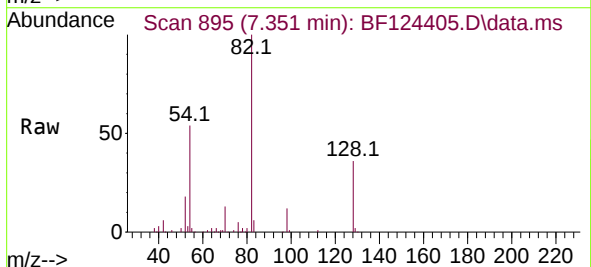
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BNA_F
ClientSampled :
SB-2

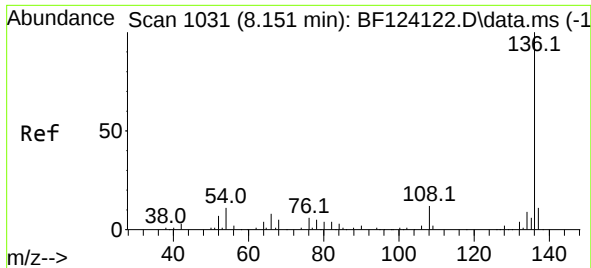
Tgt Ion: 99 Resp: 226699
Ion Ratio Lower Upper
99 100
42 20.0 19.8 29.8
71 46.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.30 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124405.D
Acq: 21 Jun 2021 21:43

Tgt Ion: 70 Resp: 22346
Ion Ratio Lower Upper
70 100
42 48.7 60.1 90.1#
101 0.0 7.4 11.2#
130 2.4 14.2 21.2#

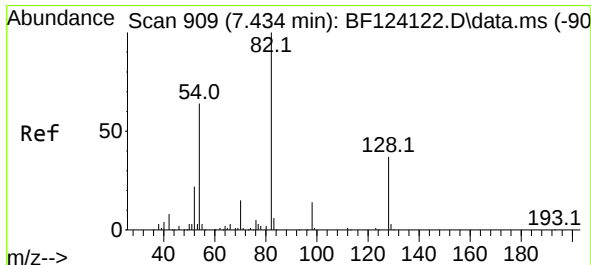
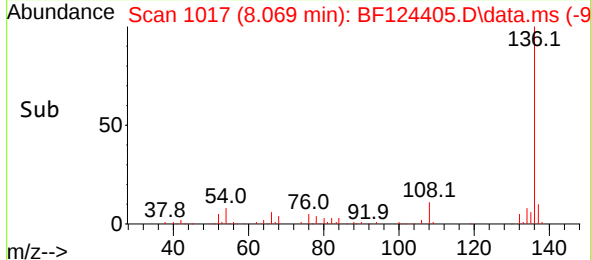
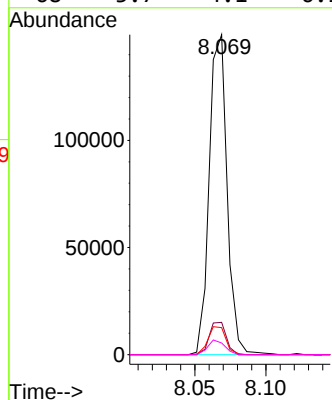
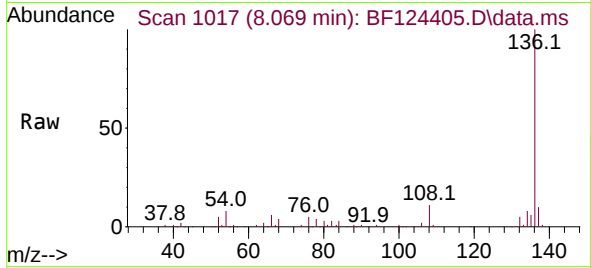




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124405.D
Acq: 21 Jun 2021 21:43

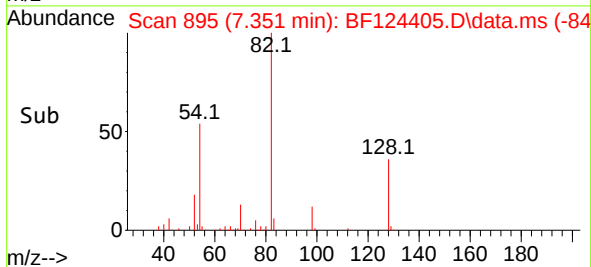
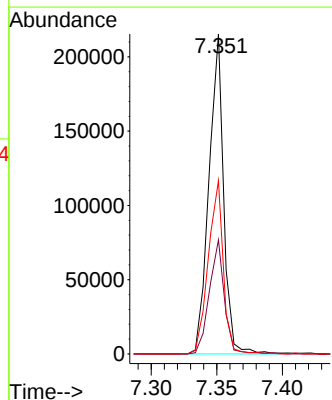
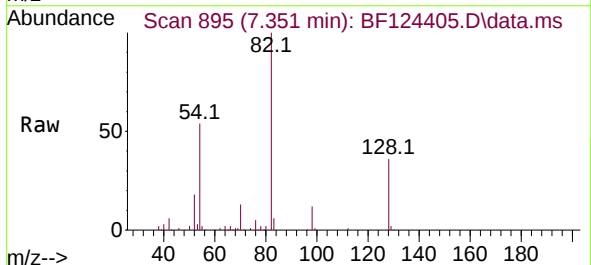
Instrument :
BNA_F
ClientSampled :
SB-2

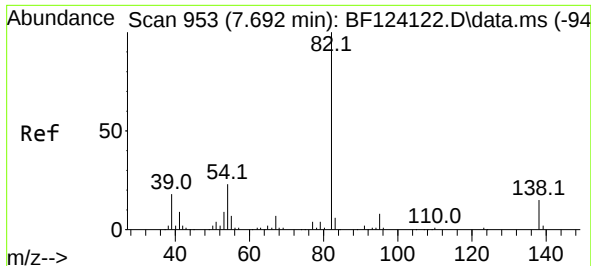
Tgt Ion:136	Resp:	131219
Ion Ratio	Lower	Upper
136	100	
137	10.1	8.7 13.1
54	8.4	9.8 14.6#
68	3.7	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 50.94 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124405.D
Acq: 21 Jun 2021 21:43

Tgt Ion: 82	Resp:	168545
Ion Ratio	Lower	Upper
82	100	
128	35.7	29.4 44.2
54	54.2	54.1 81.1

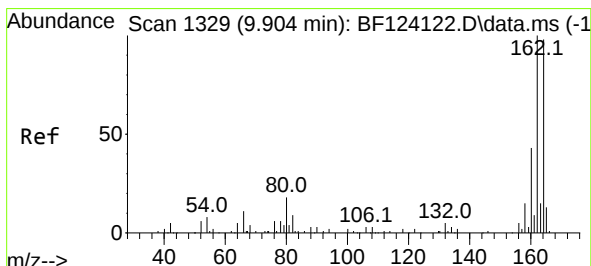
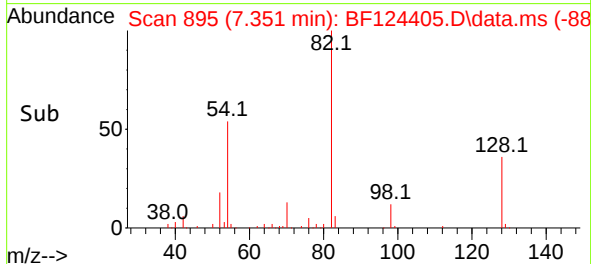
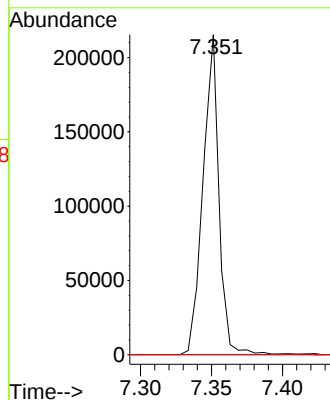
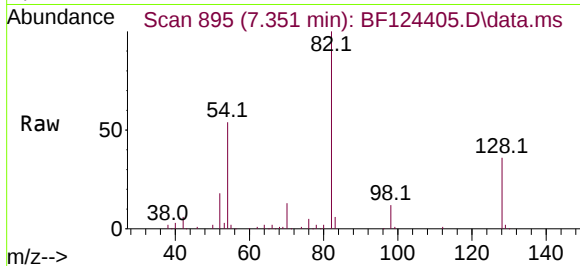




#25
Isophorone
Concen: 28.28 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124405.D
Acq: 21 Jun 2021 21:43

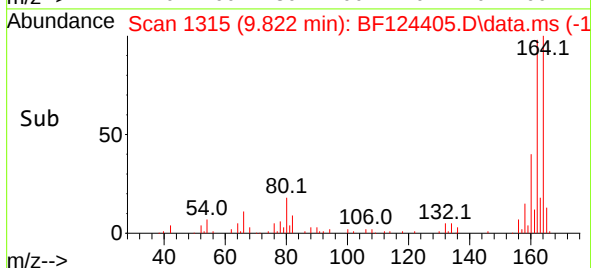
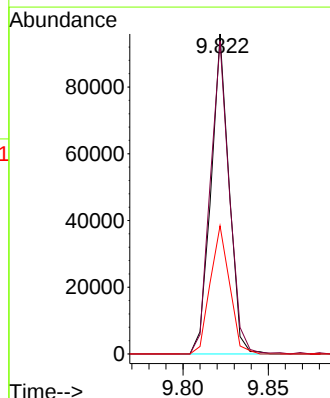
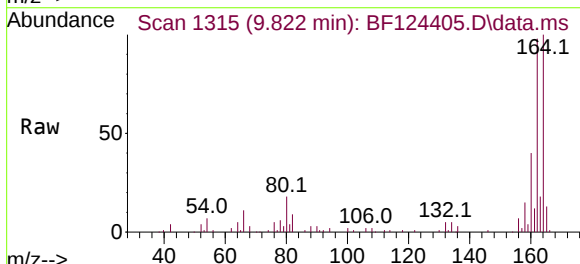
Instrument :
BNA_F
ClientSampled :
SB-2

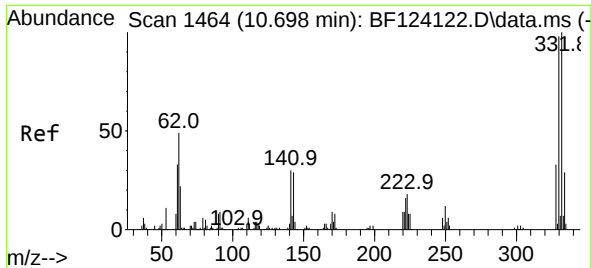
Tgt Ion: 82 Resp: 168582
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124405.D
Acq: 21 Jun 2021 21:43

Tgt Ion: 164 Resp: 70540
Ion Ratio Lower Upper
164 100
162 97.7 80.7 121.1
160 40.0 37.3 55.9

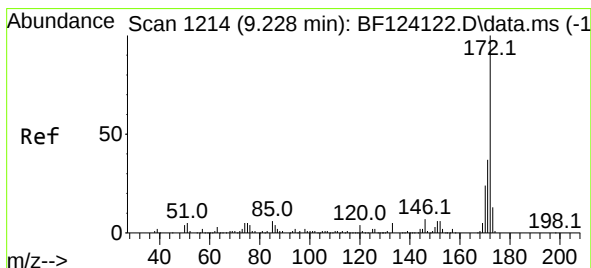
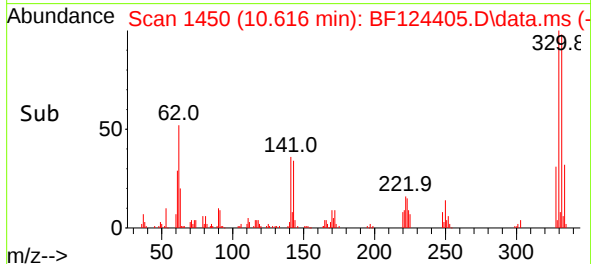
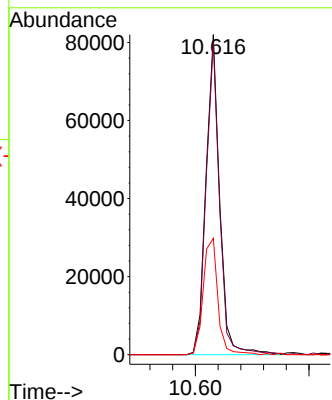
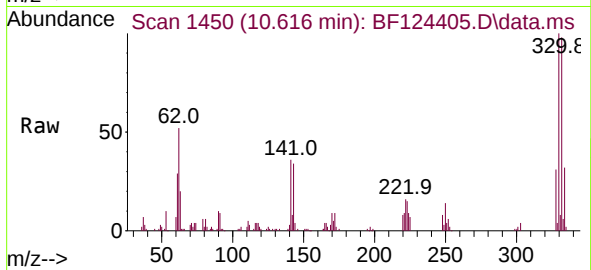




#42
2,4,6-Tribromophenol
Concen: 68.68 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124405.D
Acq: 21 Jun 2021 21:43

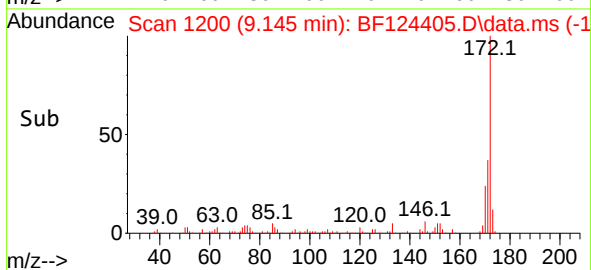
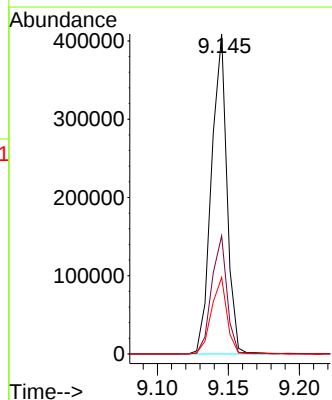
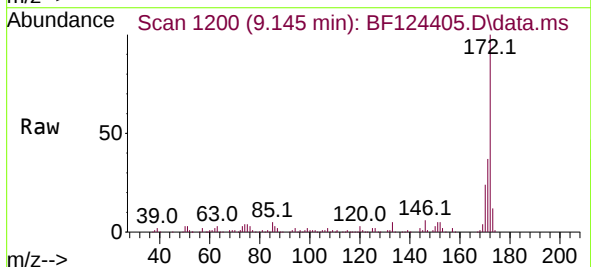
Instrument :
BNA_F
ClientSampled :
SB-2

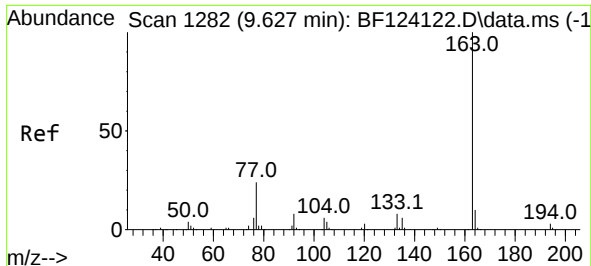
Tgt Ion: 330 Resp: 68637
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 38.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 55.47 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124405.D
Acq: 21 Jun 2021 21:43

Tgt Ion: 172 Resp: 310941
Ion Ratio Lower Upper
172 100
171 36.9 28.1 42.1
170 23.9 19.2 28.8

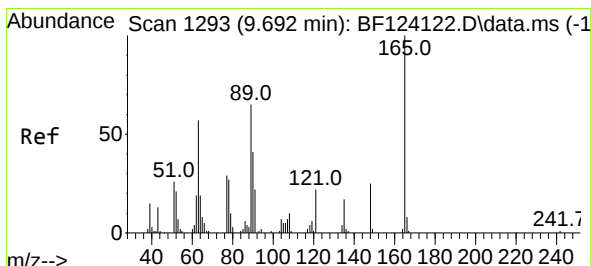
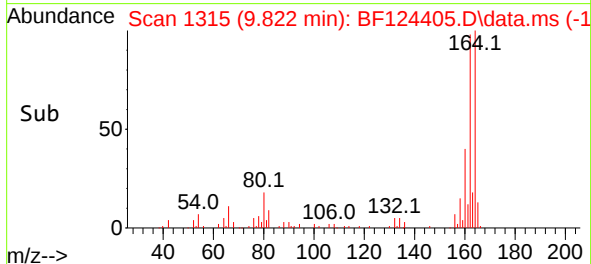
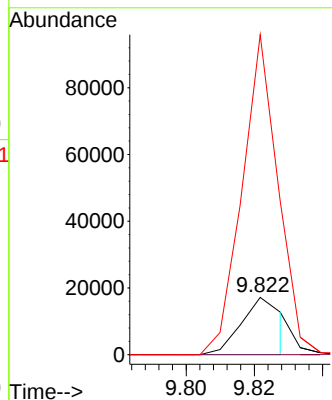
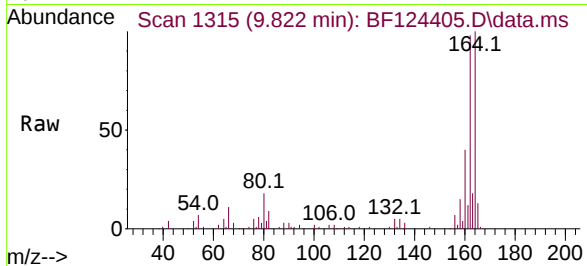




#50
Dimethylphthalate
Concen: 2.44 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124405.D
Acq: 21 Jun 2021 21:43

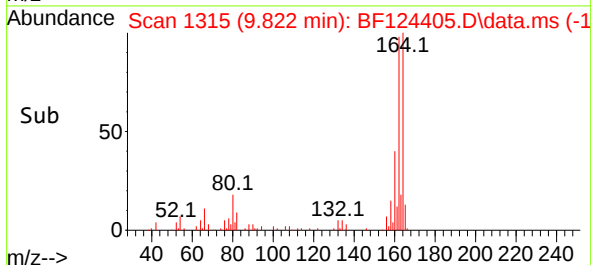
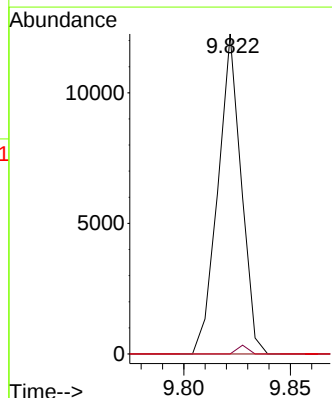
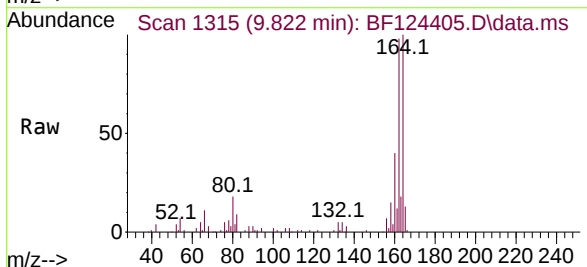
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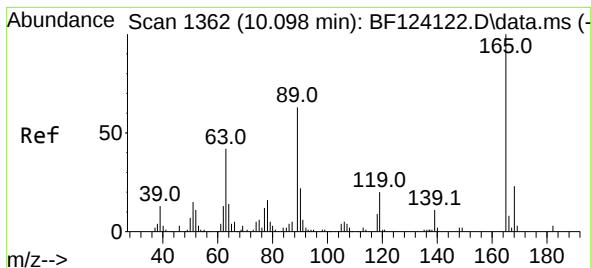
Tgt Ion:163 Resp: 14226
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 558.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.95 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124405.D
Acq: 21 Jun 2021 21:43

Tgt Ion:165 Resp: 9297
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#

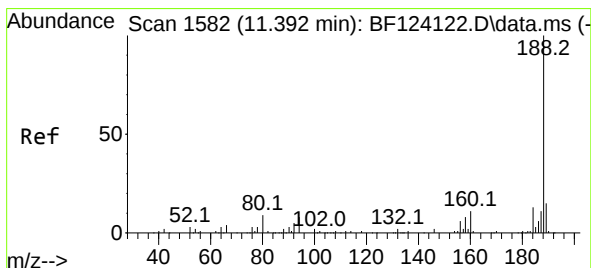
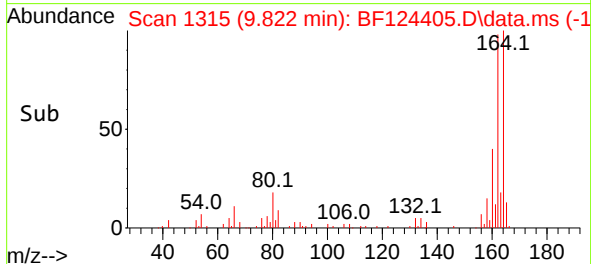
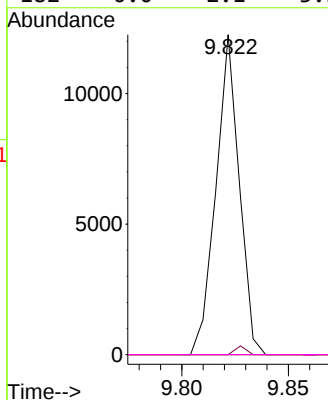
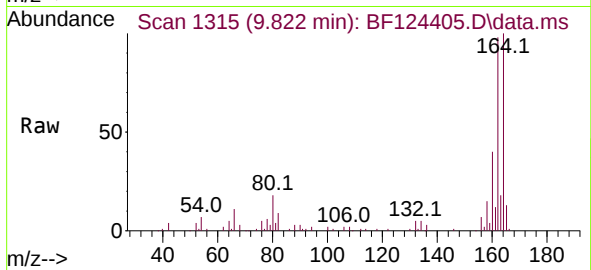




#57
2,4-Dinitrotoluene
Concen: 5.27 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124405.D
Acq: 21 Jun 2021 21:43

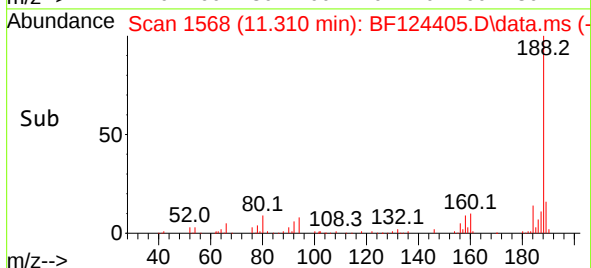
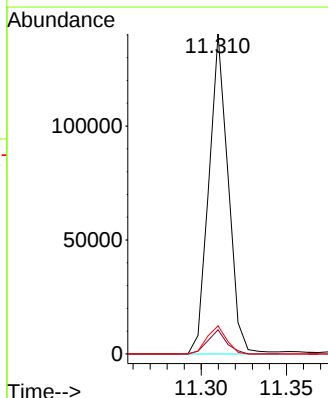
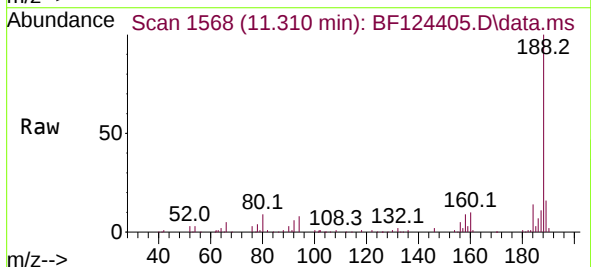
Instrument :
BNA_F
ClientSampled :
SB-2

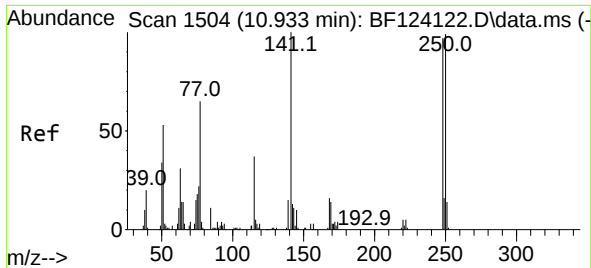
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Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124405.D
Acq: 21 Jun 2021 21:43

Tgt Ion:188 Resp: 110948
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 8.8 8.2 12.2

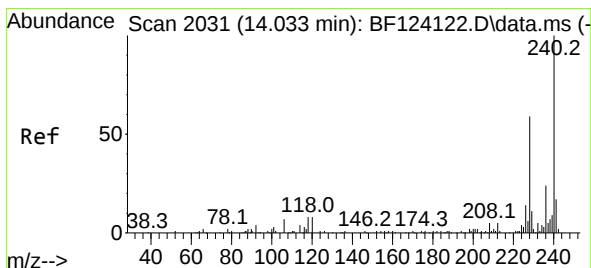
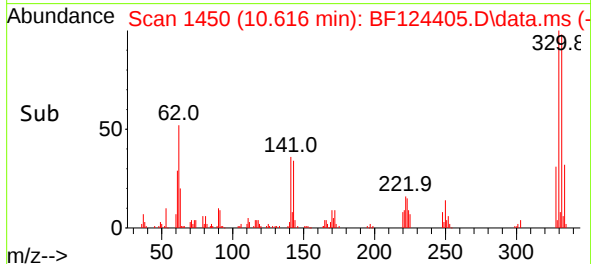
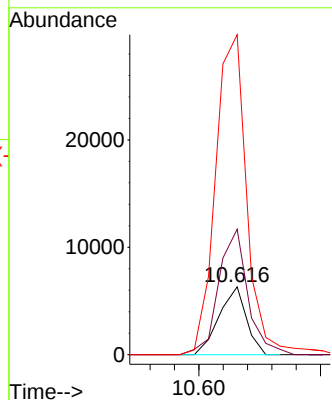
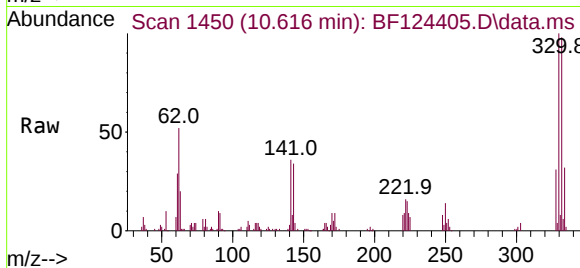




#67
4-Bromophenyl-phenylether
Concen: 3.23 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124405.D
Acq: 21 Jun 2021 21:43

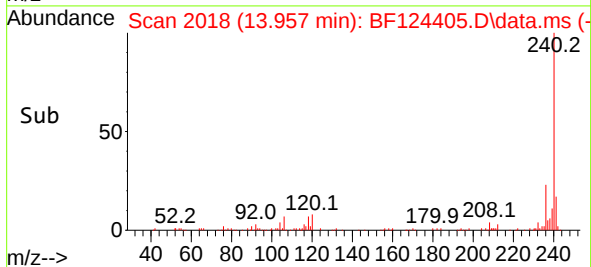
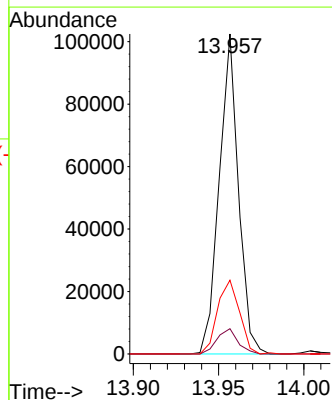
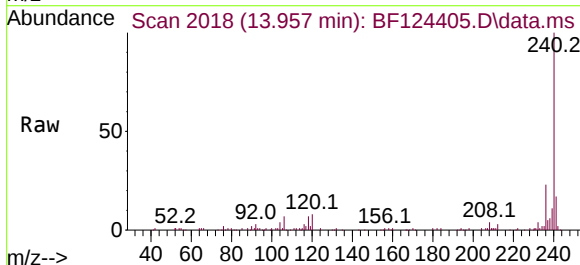
Instrument :
BNA_F
ClientSampled :
SB-2

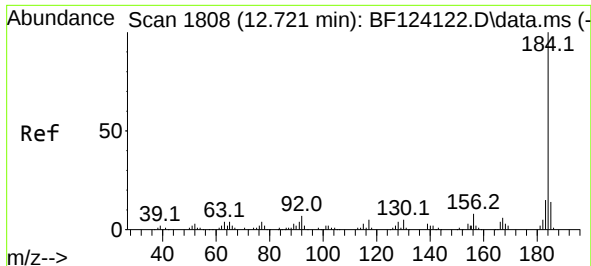
Tgt Ion:248 Resp: 4924
Ion Ratio Lower Upper
248 100
250 184.8 77.4 116.2#
141 471.6 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124405.D
Acq: 21 Jun 2021 21:43

Tgt Ion:240 Resp: 80469
Ion Ratio Lower Upper
240 100
120 7.9 7.2 10.8
236 23.0 19.0 28.4

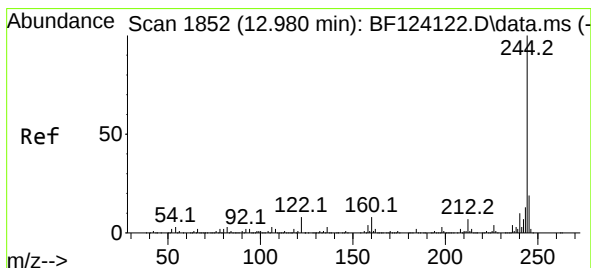
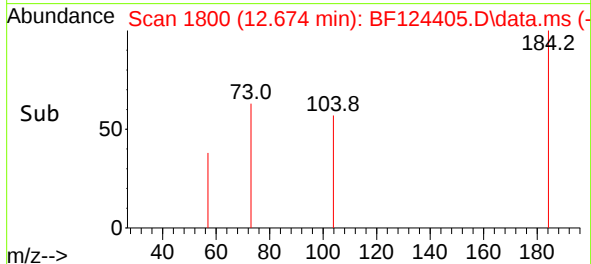
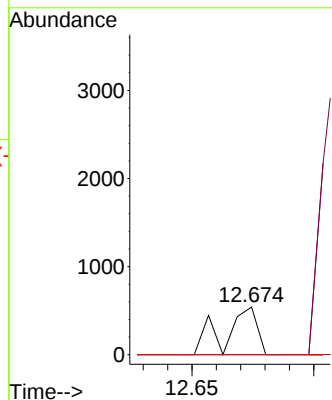
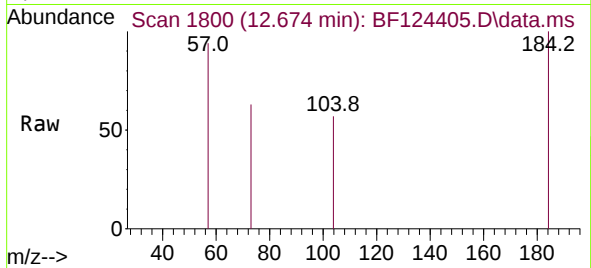




#77
Benzidine
Concen: 4.31 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.023 min
Lab File: BF124405.D
Acq: 21 Jun 2021 21:43

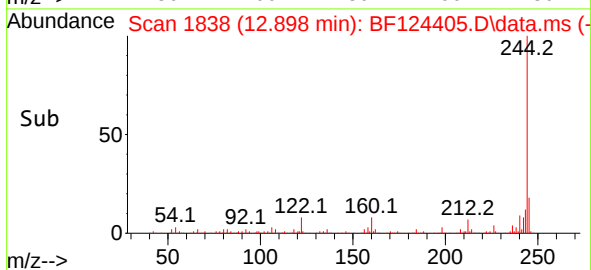
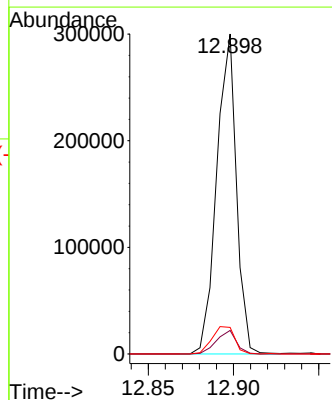
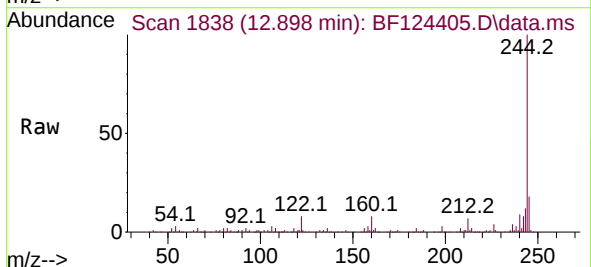
Instrument :
BNA_F
ClientSampled :
SB-2

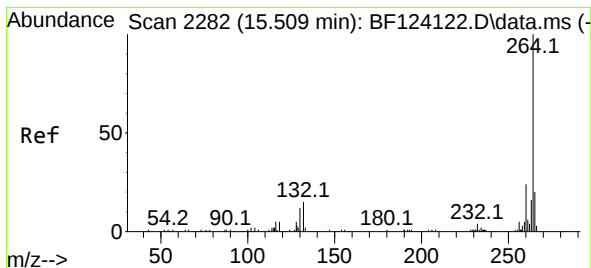
Tgt Ion:184 Resp: 501
Ion Ratio Lower Upper
184 100
185 0.0 12.1 18.1#
183 0.0 7.8 11.8#



#79
Terphenyl-d14
Concen: 41.17 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF124405.D
Acq: 21 Jun 2021 21:43

Tgt Ion:244 Resp: 241286
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 8.3 9.7 14.5#

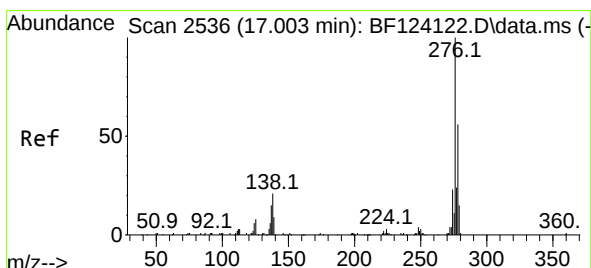
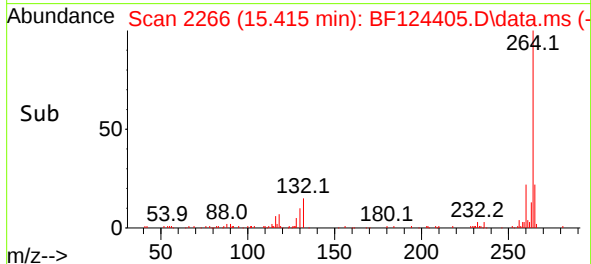
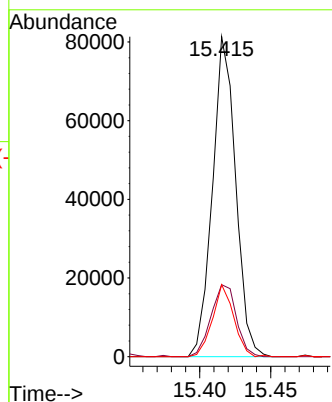
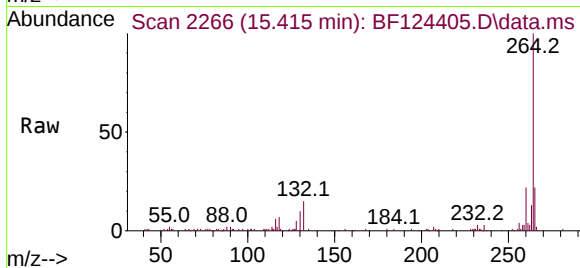




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF124405.D
Acq: 21 Jun 2021 21:43

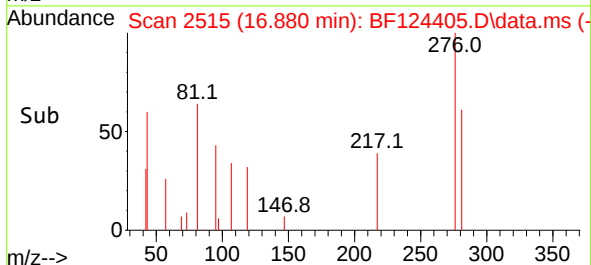
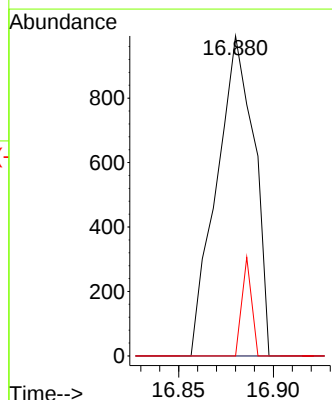
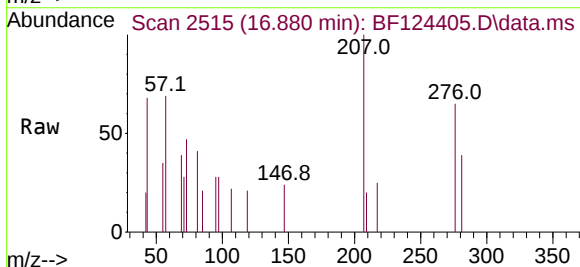
Instrument :
BNA_F
ClientSampled :
SB-2

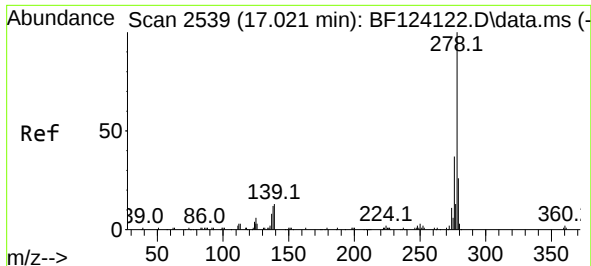
Tgt Ion:264	Resp:	92179
Ion Ratio	Lower	Upper
264	100	
260	22.5	18.7 28.1
265	22.5	17.8 26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.50 ng
RT: 16.880 min Scan# 2515
Delta R.T. 0.006 min
Lab File: BF124405.D
Acq: 21 Jun 2021 21:43

Tgt Ion:276	Resp:	1365
Ion Ratio	Lower	Upper
276	100	
138	0.0	16.2 24.2#
277	7.9	20.1 30.1#

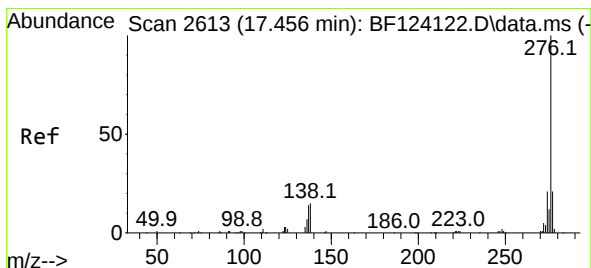
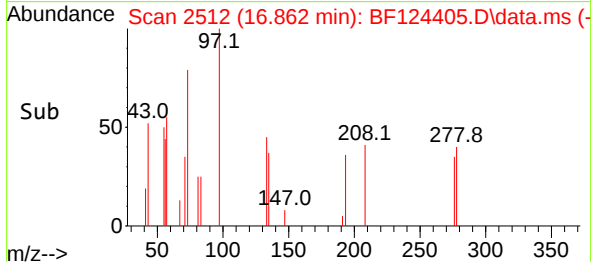
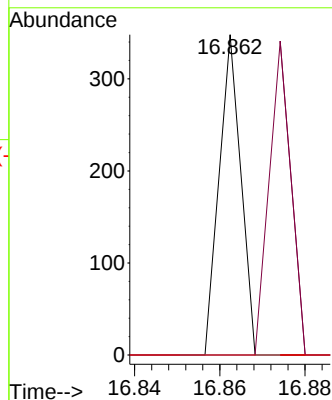
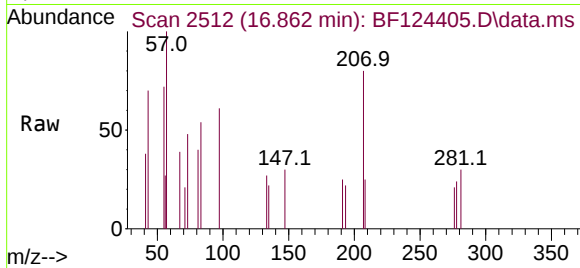




#91
Dibenzo(a,h)anthracene
Concen: 4.19 ng
RT: 16.862 min Scan# 2512
Delta R.T. -0.023 min
Lab File: BF124405.D
Acq: 21 Jun 2021 21:43

Instrument :
BNA_F
ClientSampled :
SB-2

Tgt Ion:278 Resp: 123
Ion Ratio Lower Upper
278 100
139 0.0 10.2 15.2#
279 0.0 19.4 29.0#



#92
Benzo(g,h,i)perylene
Concen: 3.94 ng
RT: 17.309 min Scan# 2588
Delta R.T. -0.006 min
Lab File: BF124405.D
Acq: 21 Jun 2021 21:43

Tgt Ion:276 Resp: 911
Ion Ratio Lower Upper
276 100
277 0.0 18.2 27.2#
138 0.0 13.8 20.6#

