

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
 Data File : BF124416.D
 Acq On : 22 Jun 2021 17:21
 Operator : JU/CG
 Sample : M2789-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-2-BESIDE

Quant Time: Jun 22 17:57:02 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)

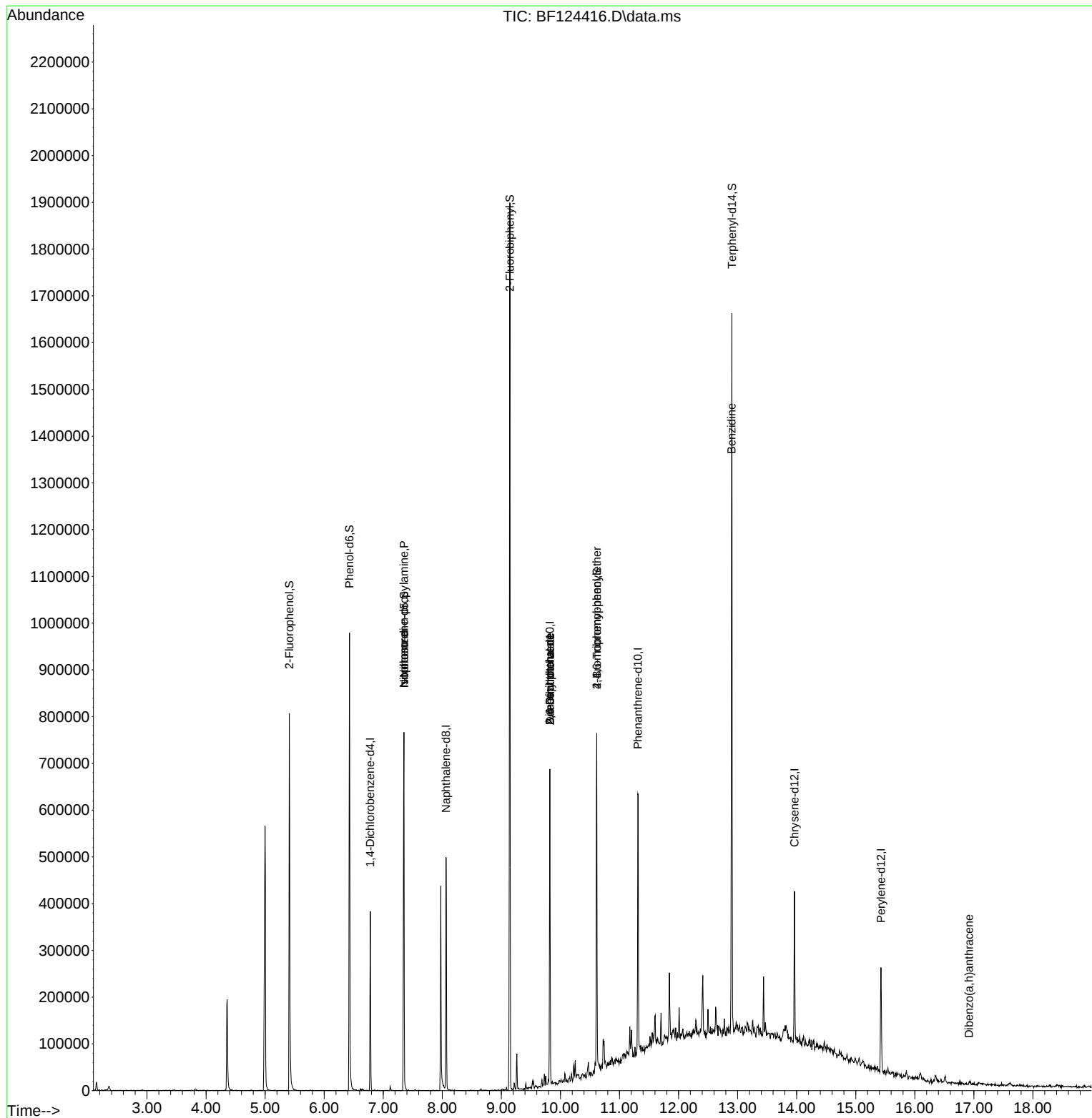
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	49354	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	192757	20.000	ng	-0.01
39) Acenaphthene-d10	9.822	164	117246	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	197305	20.000	ng	0.00
76) Chrysene-d12	13.962	240	89005	20.000	ng	0.00
86) Perylene-d12	15.427	264	82828	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	179505	54.751	ng	0.00
7) Phenol-d6	6.428	99	271061	61.508	ng	-0.02
23) Nitrobenzene-d5	7.351	82	236229	48.606	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	75733	45.592	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	507188	54.435	ng	0.00
79) Terphenyl-d14	12.904	244	445939	68.789	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	33314	10.709	ng	# 61
25) Isophorone	7.351	82	236266	26.977	ng	# 69
50) Dimethylphthalate	9.822	163	22384	2.308	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	15029	6.757	ng	# 13
57) 2,4-Dinitrotoluene	9.822	165	15029	5.124	ng	# 18
67) 4-Bromophenyl-phenylether	10.616	248	5517	2.037	ng	# 1
77) Benzidine	12.898	184	8076	7.625	ng	# 92
91) Dibenzo(a,h)anthracene	16.915	278	119	4.193	ng	# 57

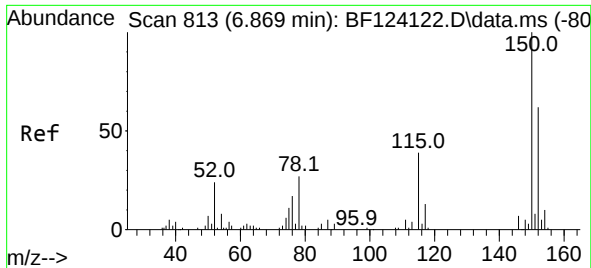
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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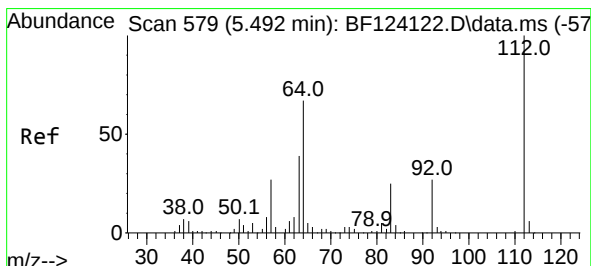
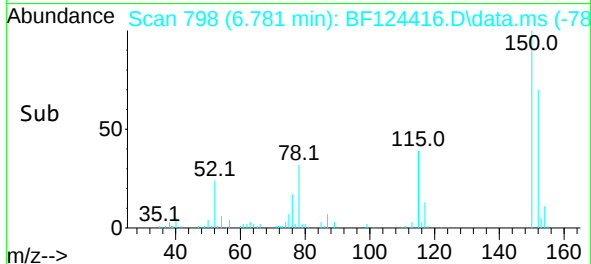
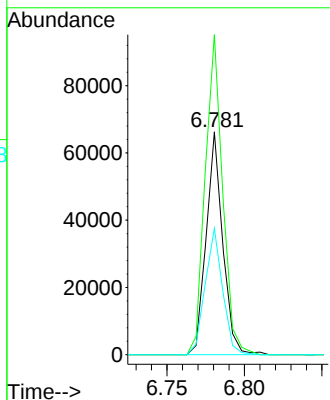
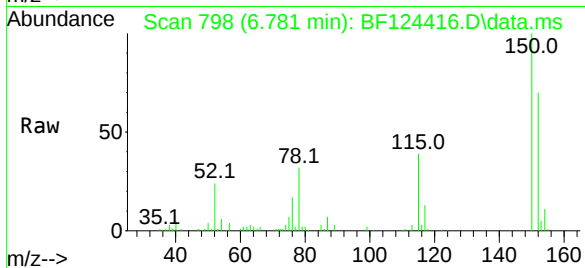




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124416.D
Acq: 22 Jun 2021 17:21

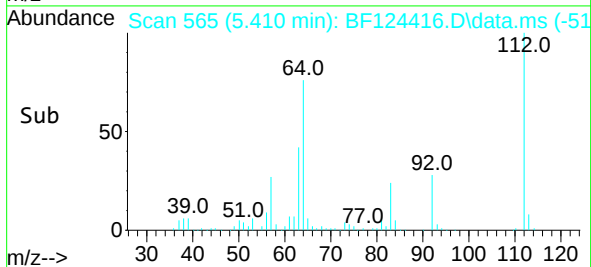
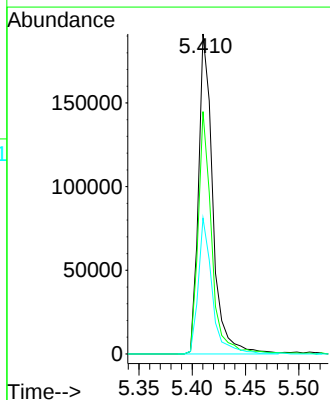
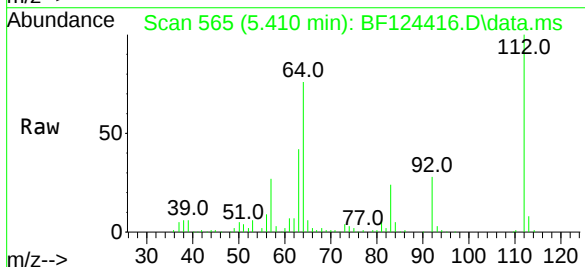
Instrument :
BNA_F
ClientSampleId :
T-2-BESIDE

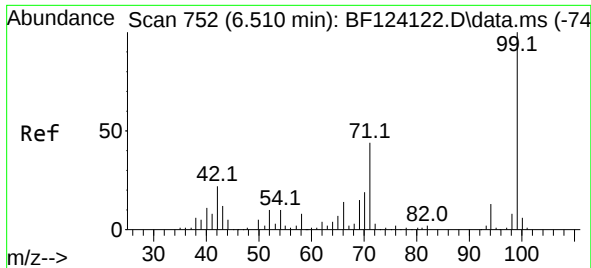
Tgt Ion:152 Resp: 49354
Ion Ratio Lower Upper
152 100
150 143.5 127.0 190.6
115 56.6 54.3 81.5



#5
2-Fluorophenol
Concen: 54.751 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124416.D
Acq: 22 Jun 2021 17:21

Tgt Ion:112 Resp: 179505
Ion Ratio Lower Upper
112 100
64 75.7 61.4 92.0
63 42.5 33.0 49.4

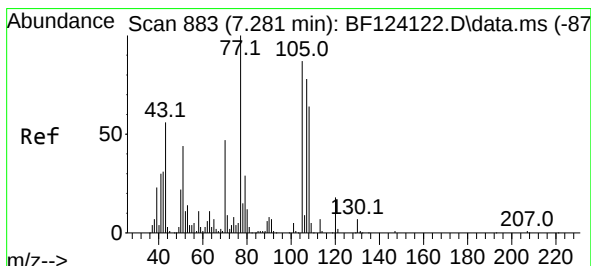
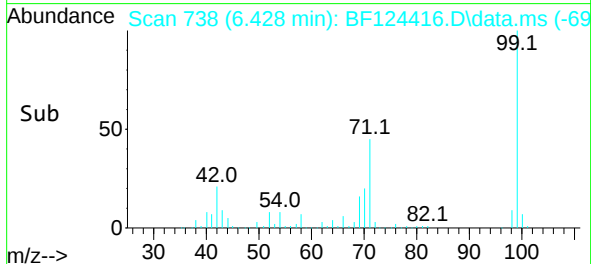
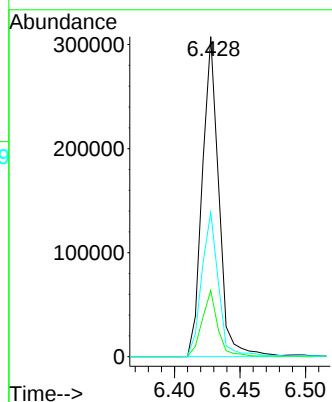
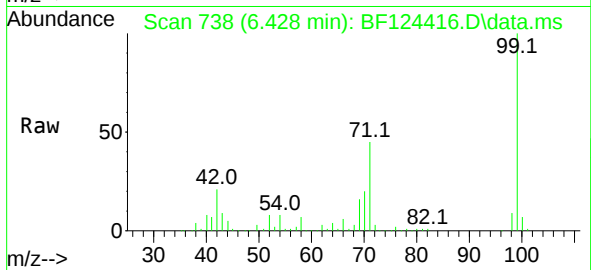




#7
Phenol-d6
Concen: 61.508 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124416.D
Acq: 22 Jun 2021 17:21

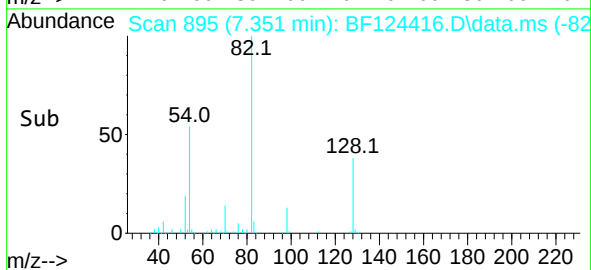
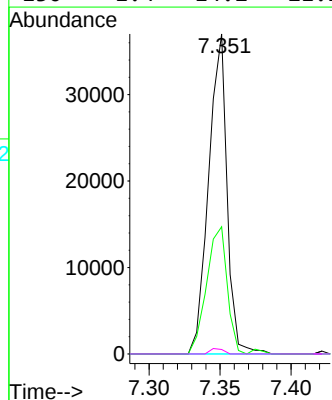
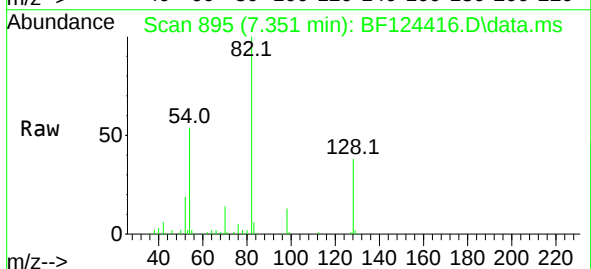
Instrument :
BNA_F
ClientSampleId :
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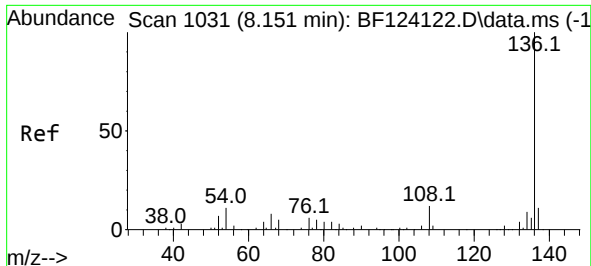
Tgt Ion: 99 Resp: 271061
Ion Ratio Lower Upper
99 100
42 20.7 19.8 29.8
71 45.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.709 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124416.D
Acq: 22 Jun 2021 17:21

Tgt Ion: 70 Resp: 33314
Ion Ratio Lower Upper
70 100
42 39.8 60.1 90.1#
101 0.0 7.4 11.2#
130 1.4 14.2 21.2#

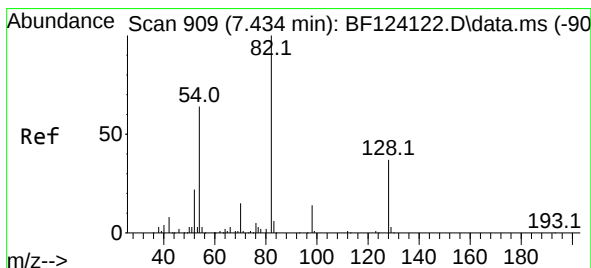
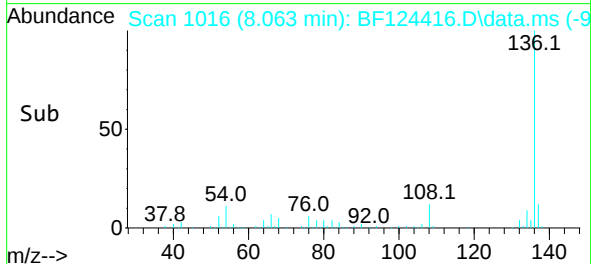
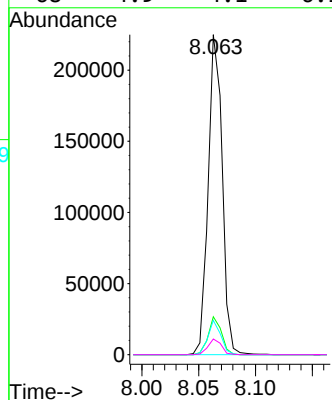
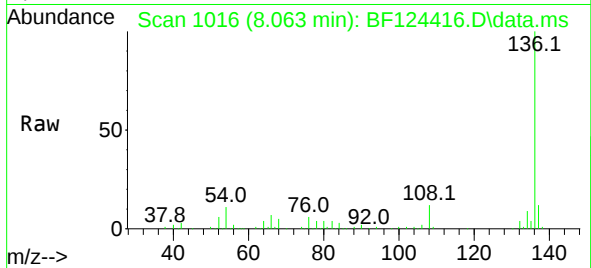




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124416.D
Acq: 22 Jun 2021 17:21

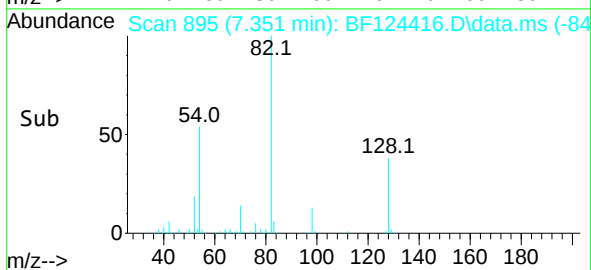
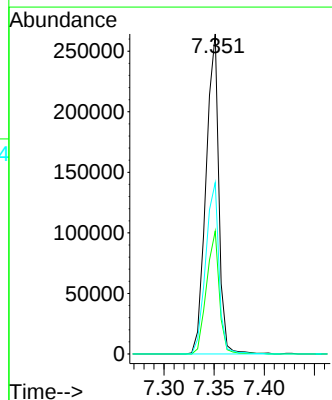
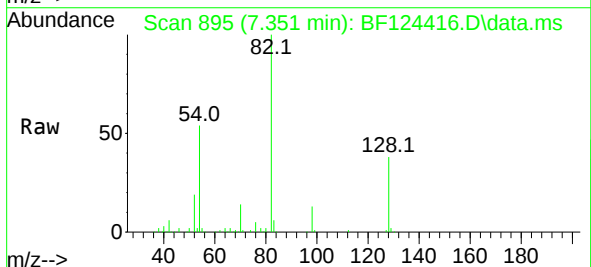
Instrument :
BNA_F
ClientSampleId :
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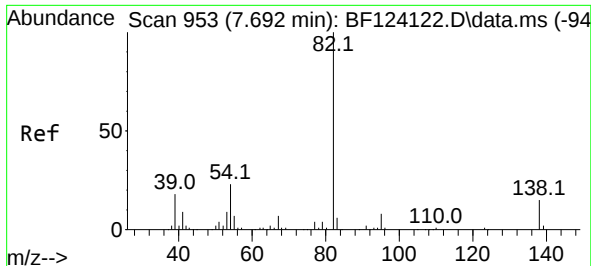
Tgt Ion:136	Resp: 192757
Ion Ratio	Lower Upper
136 100	
137 11.9	8.7 13.1
54 10.7	9.8 14.6
68 4.9	4.1 6.1



#23
Nitrobenzene-d5
Concen: 48.606 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124416.D
Acq: 22 Jun 2021 17:21

Tgt Ion: 82	Resp: 236229
Ion Ratio	Lower Upper
82 100	
128 38.4	29.4 44.2
54 53.5	54.1 81.1#

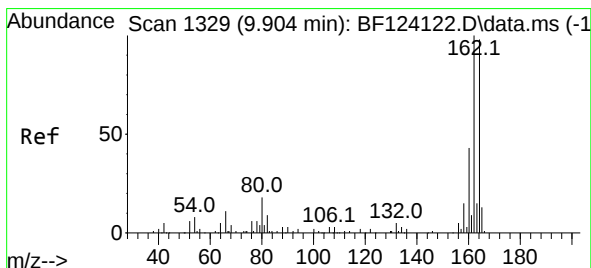
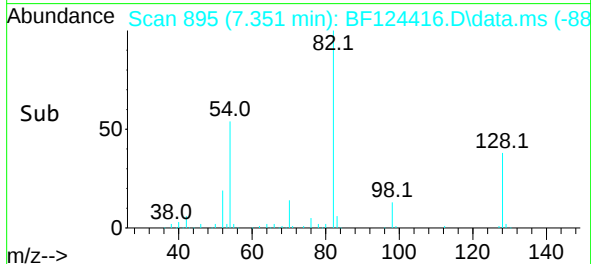
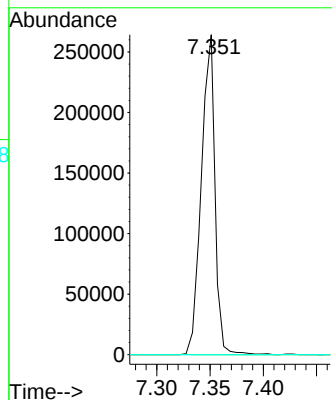
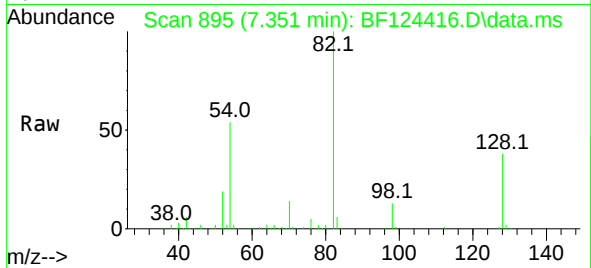




#25
Isophorone
Concen: 26.977 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124416.D
Acq: 22 Jun 2021 17:21

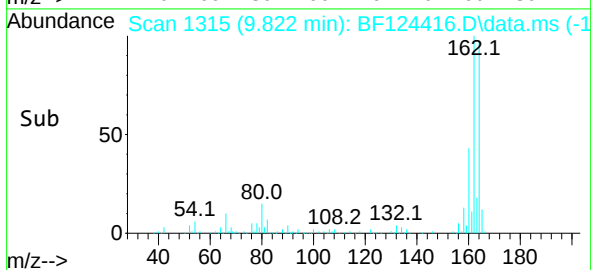
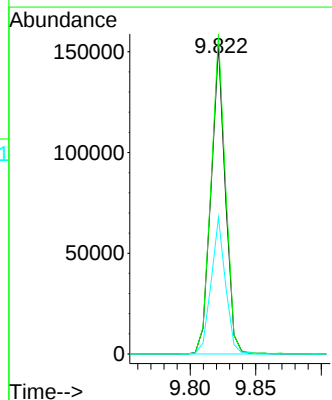
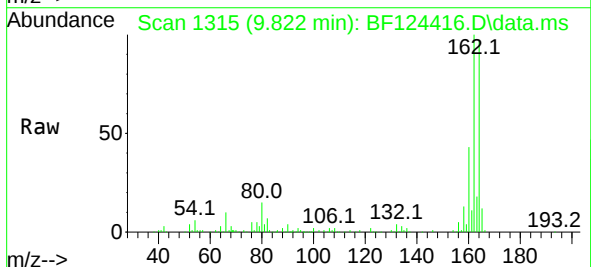
Instrument :
BNA_F
ClientSampleId :
T-2-BESIDE

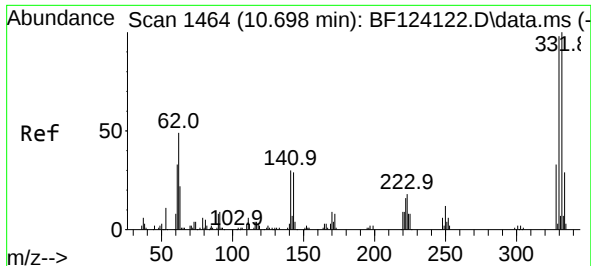
Tgt Ion: 82 Resp: 236266
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124416.D
Acq: 22 Jun 2021 17:21

Tgt Ion:164 Resp: 117246
Ion Ratio Lower Upper
164 100
162 103.3 80.7 121.1
160 44.2 37.3 55.9

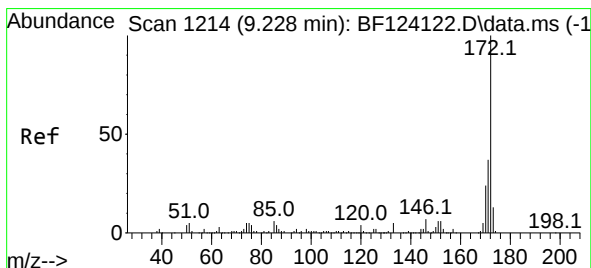
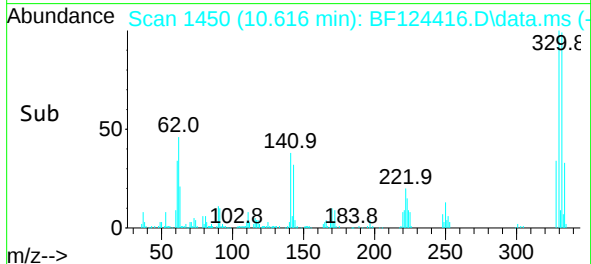
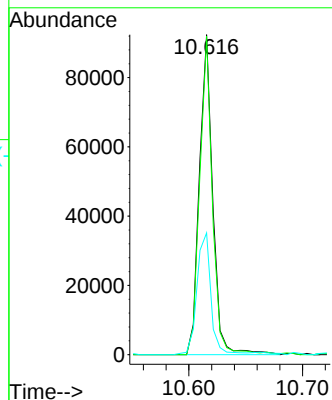
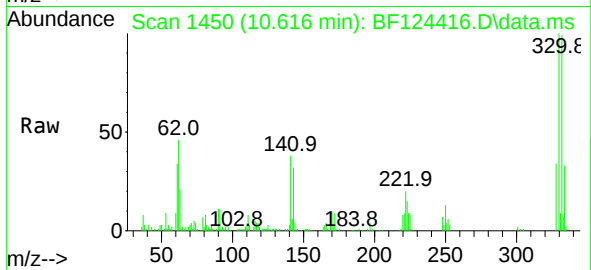




#42
2,4,6-Tribromophenol
Concen: 45.592 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124416.D
Acq: 22 Jun 2021 17:21

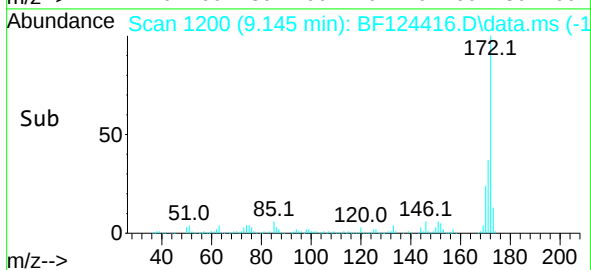
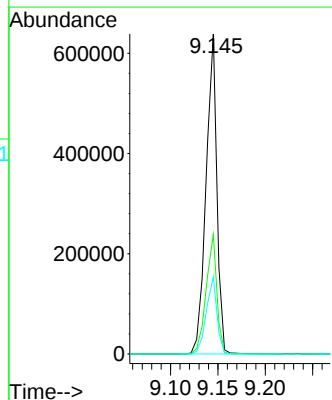
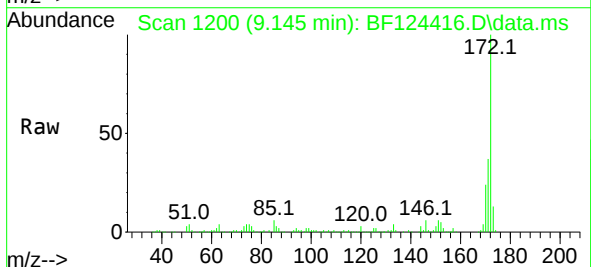
Instrument :
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T-2-BESIDE

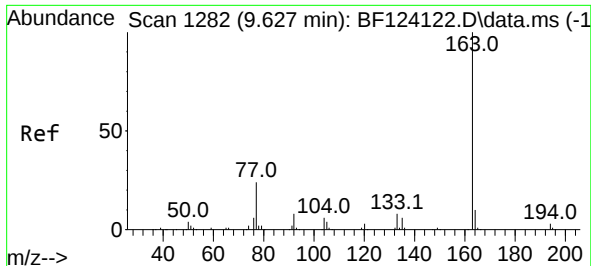
Tgt Ion: 330 Resp: 75733
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 39.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 54.435 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124416.D
Acq: 22 Jun 2021 17:21

Tgt Ion: 172 Resp: 507188
Ion Ratio Lower Upper
172 100
171 37.4 28.1 42.1
170 24.0 19.2 28.8

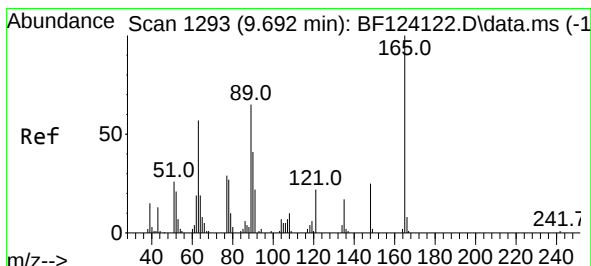
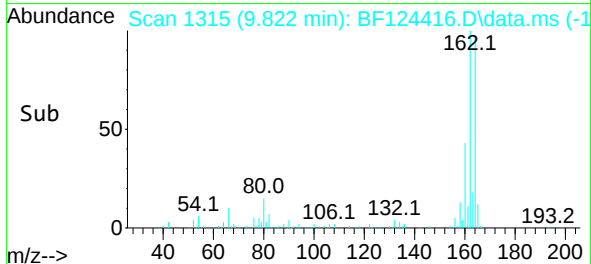
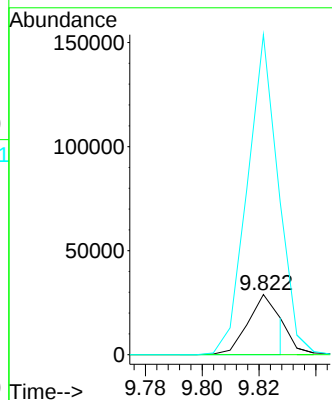
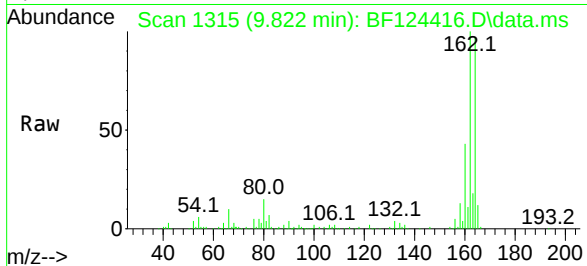




#50
Dimethylphthalate
Concen: 2.308 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124416.D
Acq: 22 Jun 2021 17:21

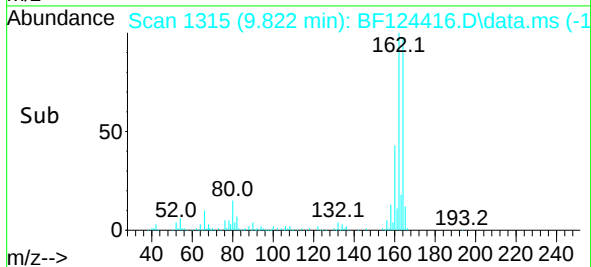
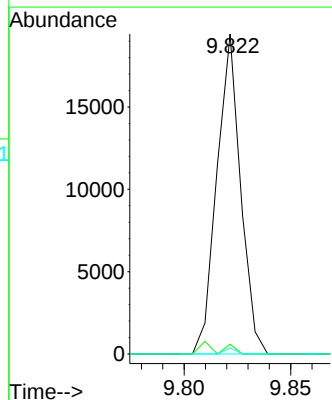
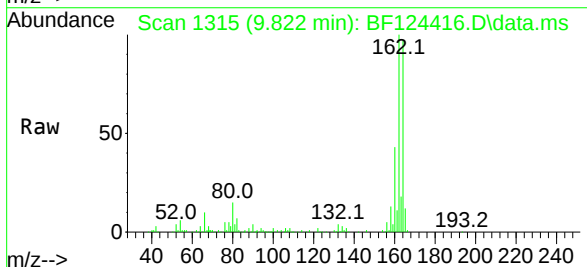
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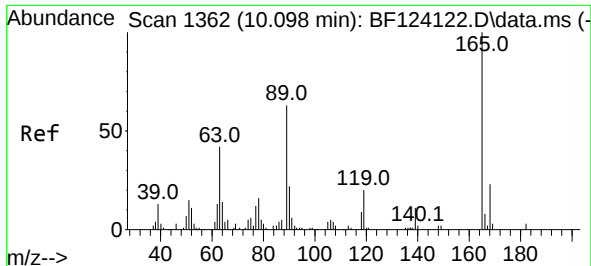
Tgt Ion:163 Resp: 22384
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 531.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.757 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124416.D
Acq: 22 Jun 2021 17:21

Tgt Ion:165 Resp: 15029
Ion Ratio Lower Upper
165 100
63 3.1 67.7 101.5#
89 1.9 58.8 88.2#

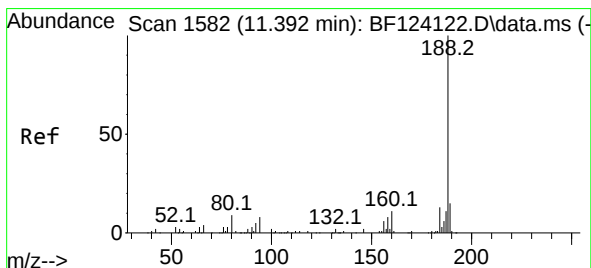
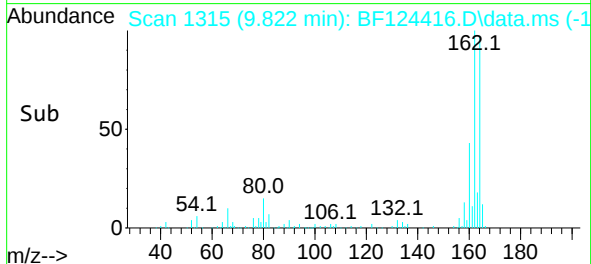
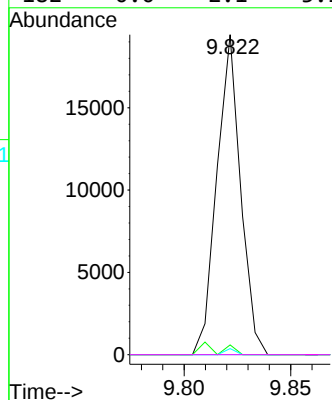
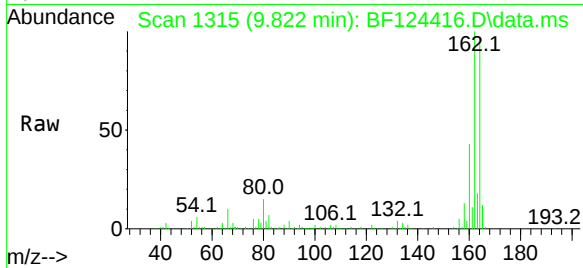




#57
2,4-Dinitrotoluene
Concen: 5.124 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124416.D
Acq: 22 Jun 2021 17:21

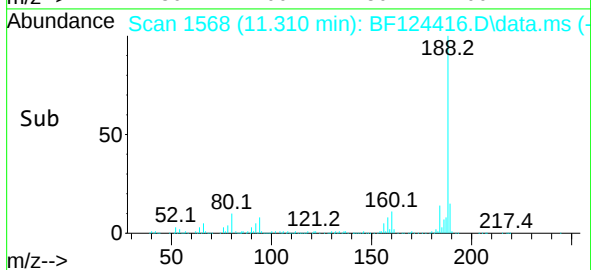
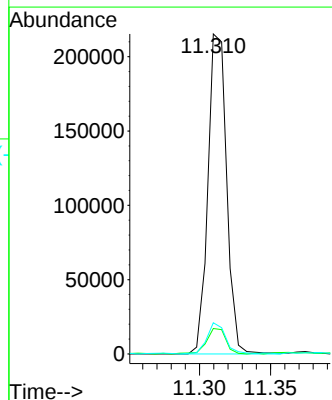
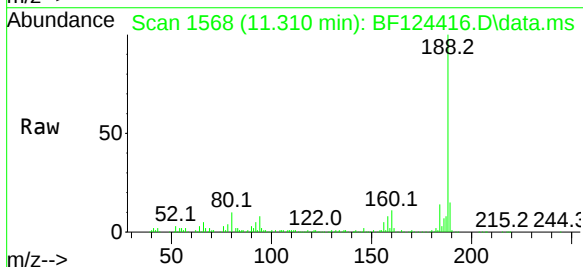
Instrument :
BNA_F
ClientSampleId :
T-2-BESIDE

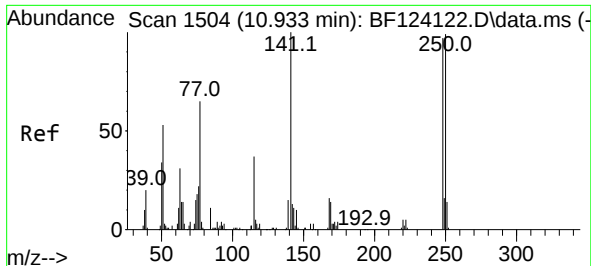
Tgt Ion:165	Resp:	15029
Ion Ratio	Lower	Upper
165	100	
63	3.1	43.5 65.3#
89	1.9	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124416.D
Acq: 22 Jun 2021 17:21

Tgt Ion:188	Resp:	197305
Ion Ratio	Lower	Upper
188	100	
94	7.9	6.9 10.3
80	9.8	8.2 12.2

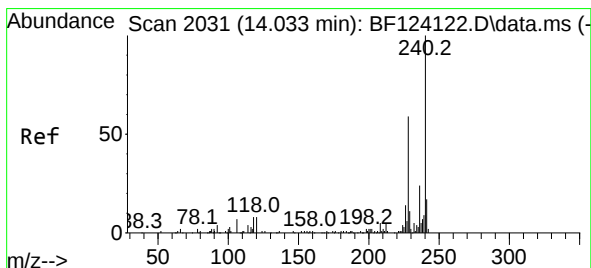
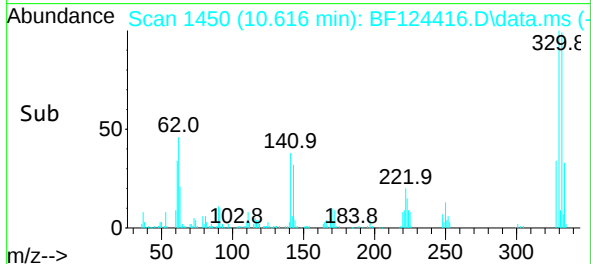
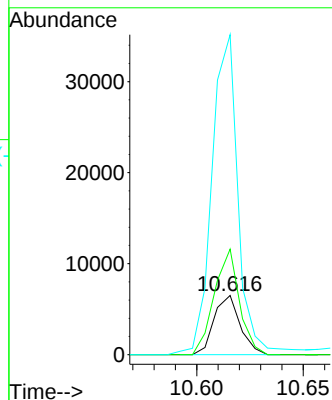
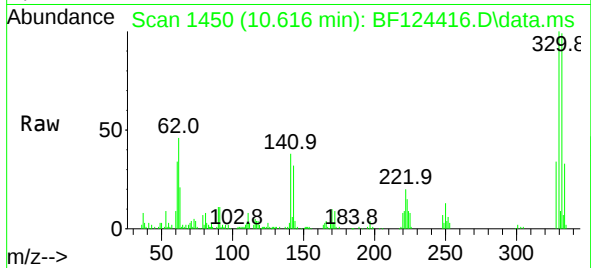




#67
4-Bromophenyl-phenylether
Concen: 2.037 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124416.D
Acq: 22 Jun 2021 17:21

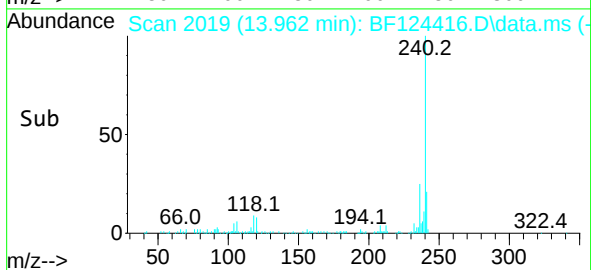
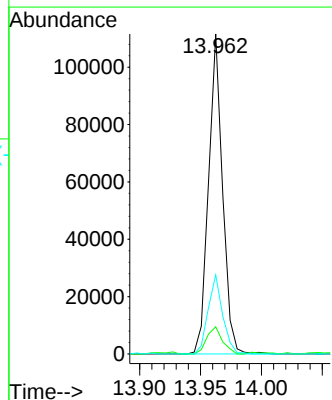
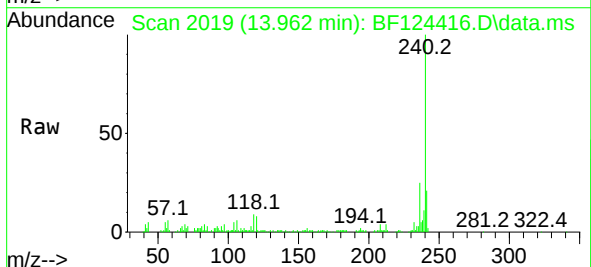
Instrument :
BNA_F
ClientSampleId :
T-2-BESIDE

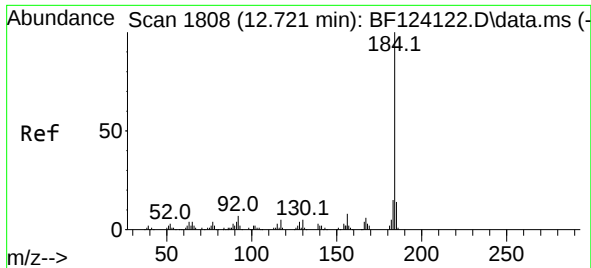
Tgt Ion:248 Resp: 5517
Ion Ratio Lower Upper
248 100
250 178.3 77.4 116.2#
141 540.2 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF124416.D
Acq: 22 Jun 2021 17:21

Tgt Ion:240 Resp: 89005
Ion Ratio Lower Upper
240 100
120 8.5 7.2 10.8
236 24.7 19.0 28.4

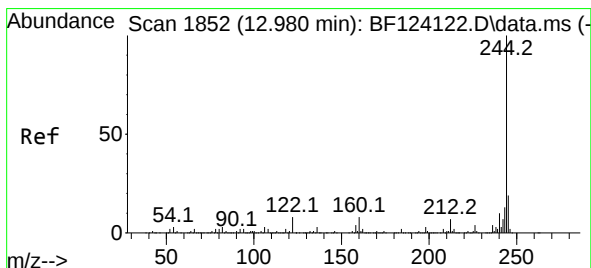
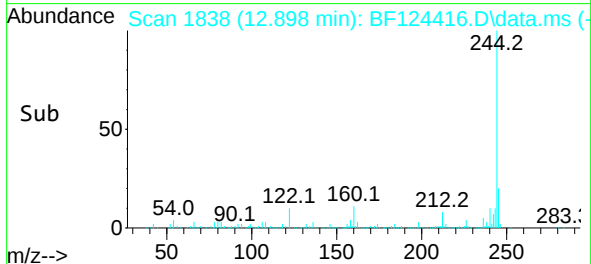
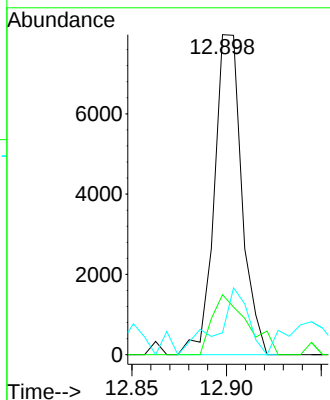
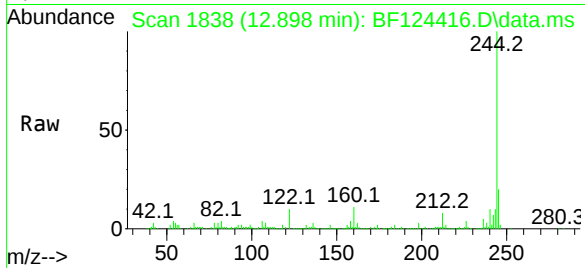




#77
Benzidine
Concen: 7.625 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.200 min
Lab File: BF124416.D
Acq: 22 Jun 2021 17:21

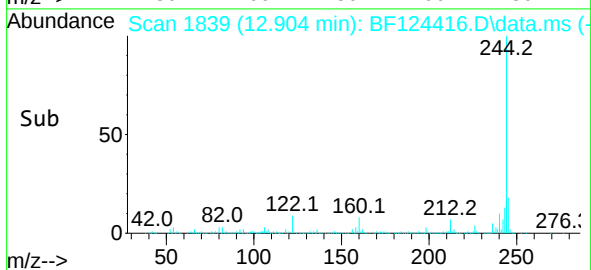
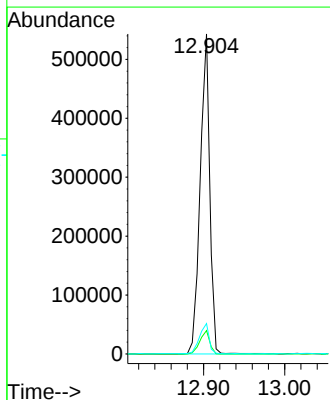
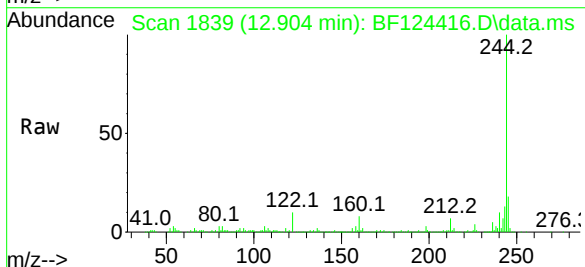
Instrument :
BNA_F
ClientSampleId :
T-2-BESIDE

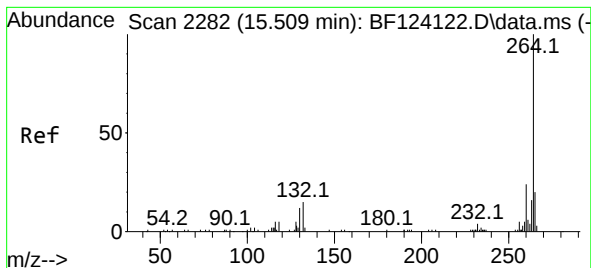
Tgt Ion:184 Resp: 8076
Ion Ratio Lower Upper
184 100
185 18.7 12.1 18.1#
183 6.9 7.8 11.8#



#79
Terphenyl-d14
Concen: 68.789 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF124416.D
Acq: 22 Jun 2021 17:21

Tgt Ion:244 Resp: 445939
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 9.5 9.7 14.5#

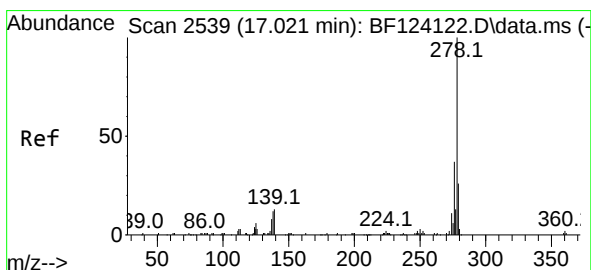
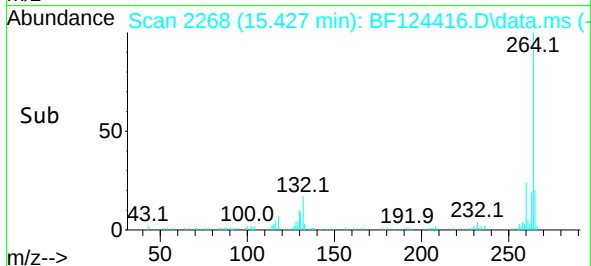
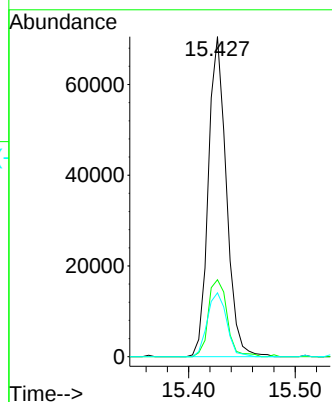
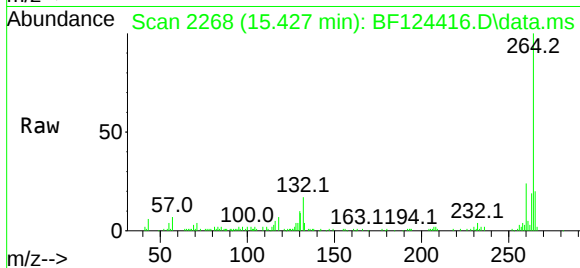




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.012 min
Lab File: BF124416.D
Acq: 22 Jun 2021 17:21

Instrument :
BNA_F
ClientSampleId :
T-2-BESIDE

Tgt Ion:264 Resp: 82828
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 20.0 17.8 26.8



#91
Dibenzo(a,h)anthracene
Concen: 4.193 ng
RT: 16.915 min Scan# 2521
Delta R.T. 0.029 min
Lab File: BF124416.D
Acq: 22 Jun 2021 17:21

Tgt Ion:278 Resp: 119
Ion Ratio Lower Upper
278 100
139 0.0 10.2 15.2#
279 0.0 19.4 29.0#

