

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
 Data File : BF126141.D
 Acq On : 11 Nov 2021 23:35
 Operator : JU/CG
 Sample : M4639-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-3/4-5

Quant Time: Nov 12 09:44:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

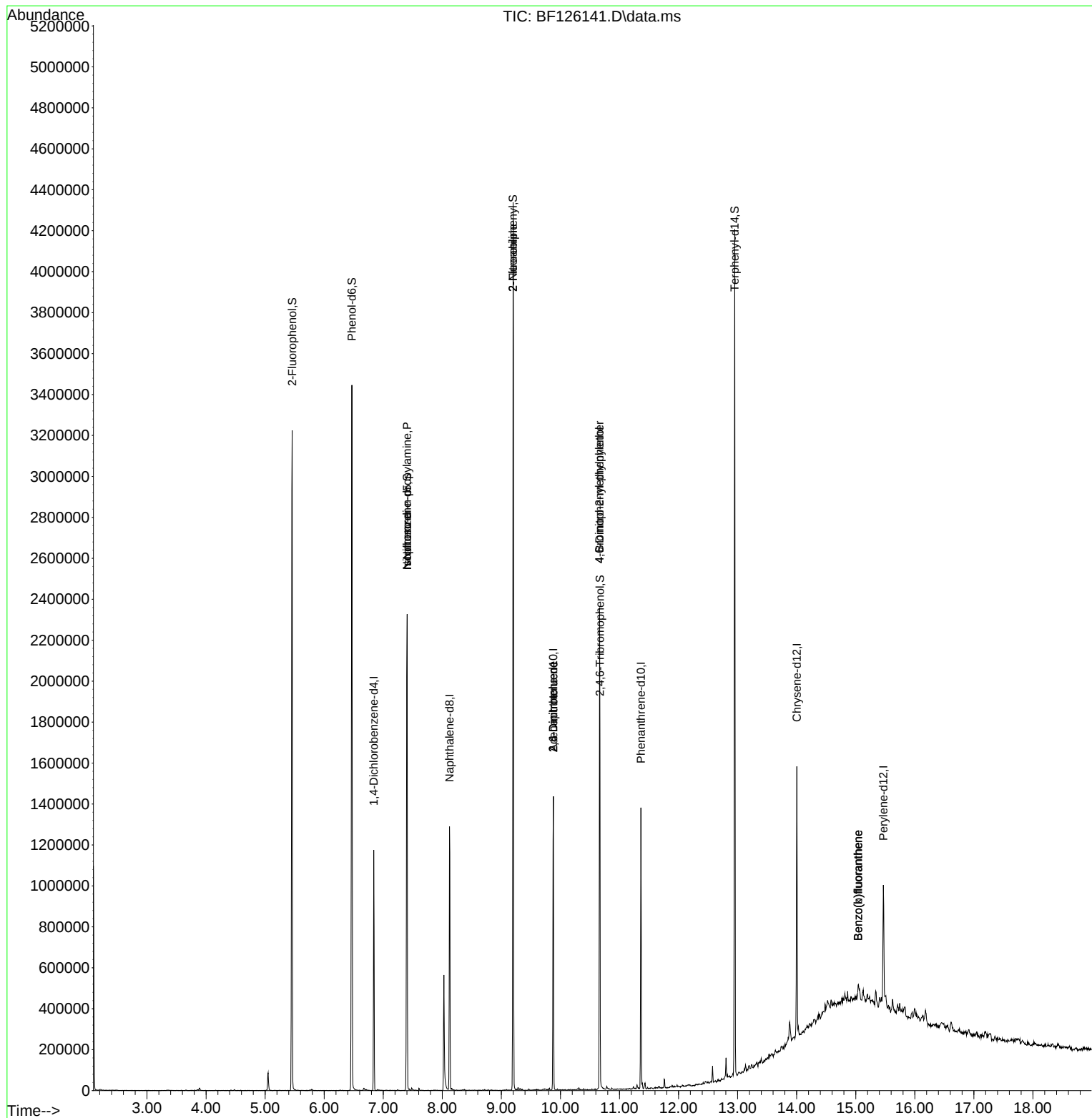
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	145330	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	523680	20.000	ng	#-0.02
39) Acenaphthene-d10	9.880	164	272862	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	436592	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	414533	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	266603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	731906	86.485	ng	0.00
7) Phenol-d6	6.469	99	947221	79.400	ng	-0.02
23) Nitrobenzene-d5	7.404	82	691935	62.313	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	244984	78.344	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1240758	61.449	ng	-0.02
79) Terphenyl-d14	12.951	244	1245638	48.456	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.469	77	2100	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	97641	12.415	ng	# 58
25) Isophorone	7.404	82	690159	34.521	ng	# 59
48) 2-Nitroaniline	9.198	65	2378	3.261	ng	# 1
51) 2,6-Dinitrotoluene	9.880	165	36552	10.735	ng	# 29
57) 2,4-Dinitrotoluene	9.880	165	36552	10.126	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	561	8.537	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	16140	3.052	ng	# 1
88) Benzo(b)fluoranthene	15.039	252	41140	2.372	ng	# 80
89) Benzo(k)fluoranthene	15.039	252	41140	2.446	ng	# 78

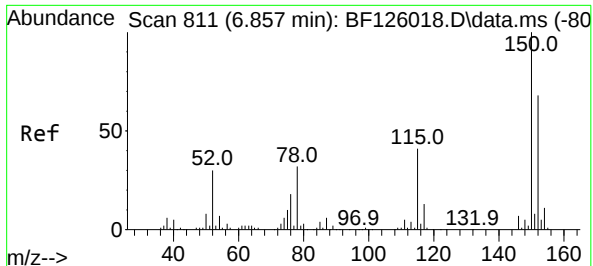
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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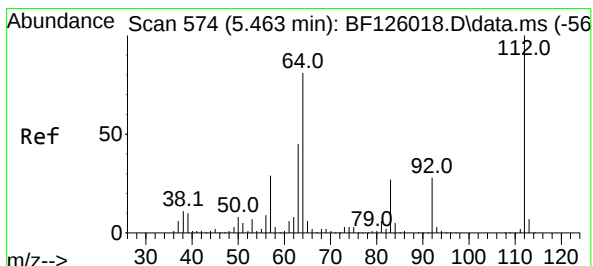
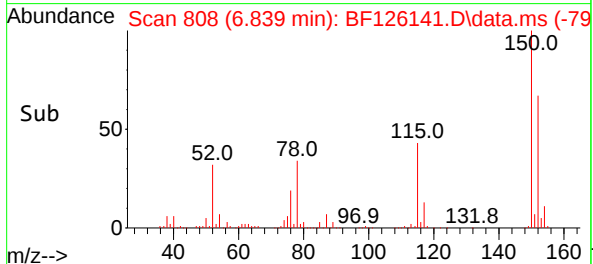
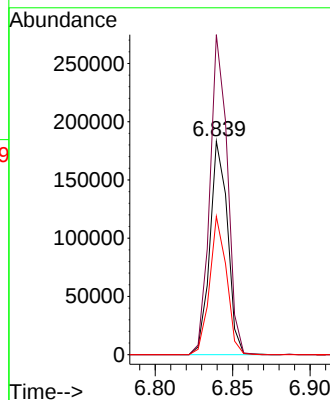
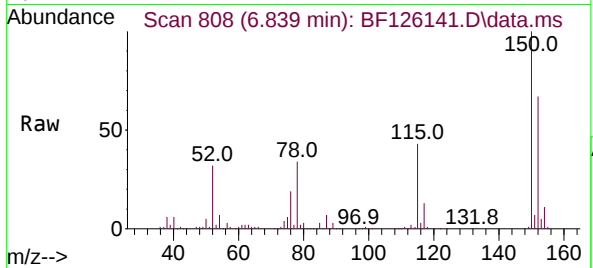




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

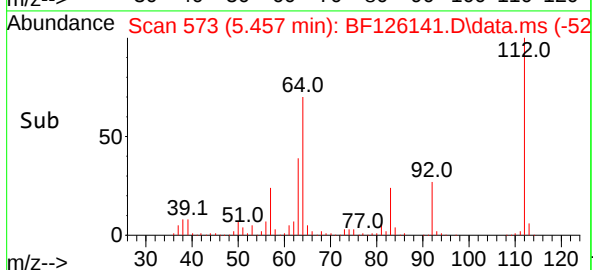
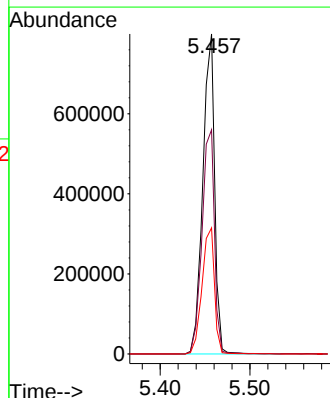
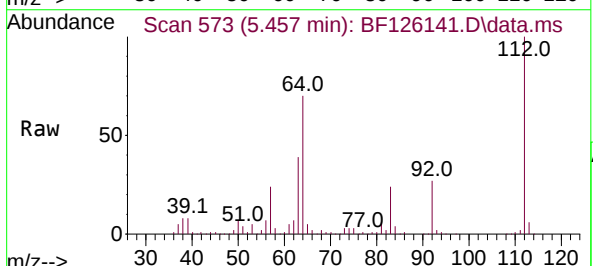
Instrument :
BNA_F
ClientSampleId :
TT-3/4-5

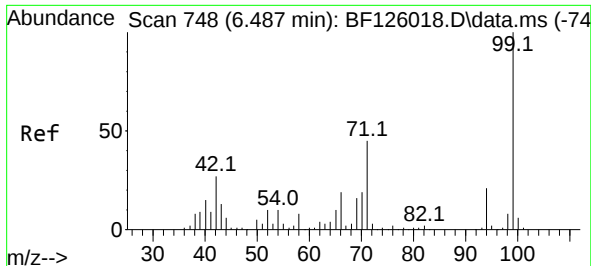
Tgt Ion:152 Resp: 145330
Ion Ratio Lower Upper
152 100
150 150.0 117.6 176.4
115 64.8 47.1 70.7



#5
2-Fluorophenol
Concen: 86.485 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

Tgt Ion:112 Resp: 731906
Ion Ratio Lower Upper
112 100
64 70.0 44.2 66.2#
63 39.4 26.2 39.2#

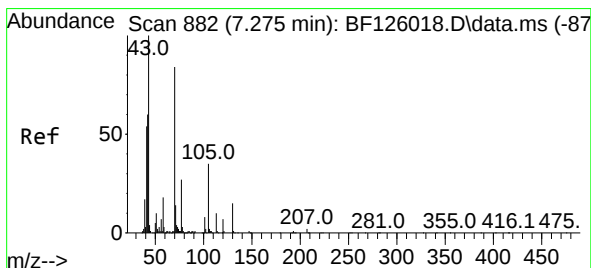
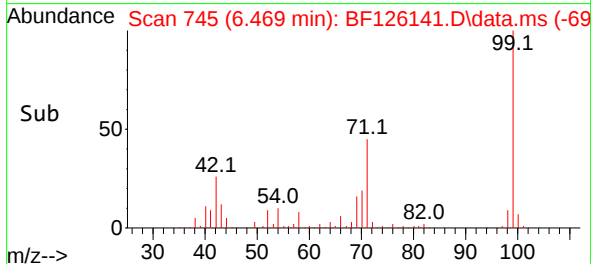
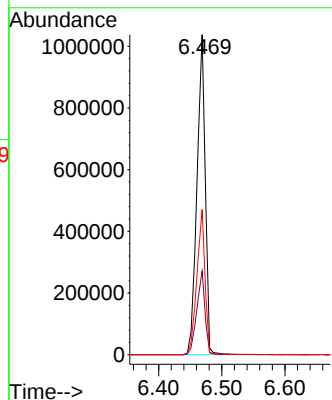
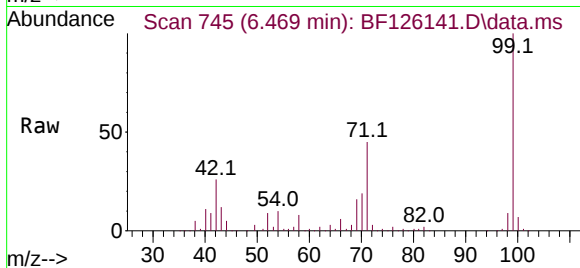




#7
Phenol-d6
Concen: 79.400 ng
RT: 6.469 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

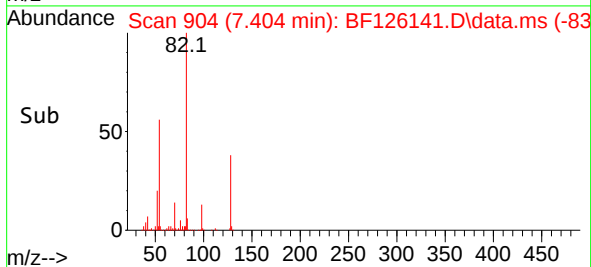
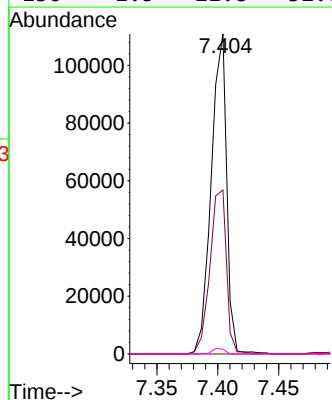
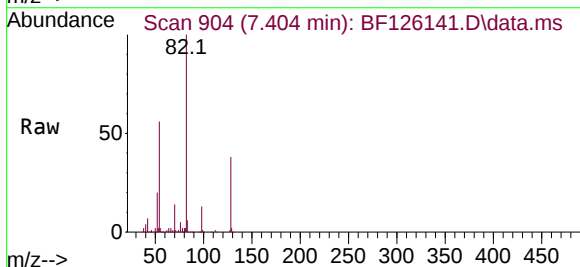
Instrument :
BNA_F
ClientSampleId :
TT-3/4-5

Tgt Ion: 99 Resp: 947221
Ion Ratio Lower Upper
99 100
42 26.2 23.5 35.3
71 45.4 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 12.415 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.129 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

Tgt Ion: 70 Resp: 97641
Ion Ratio Lower Upper
70 100
42 51.2 72.2 108.2#
101 0.0 7.8 11.8#
130 1.5 21.8 32.6#

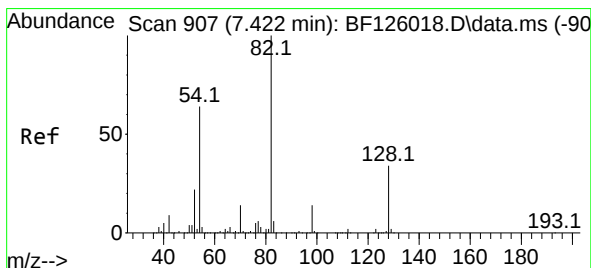
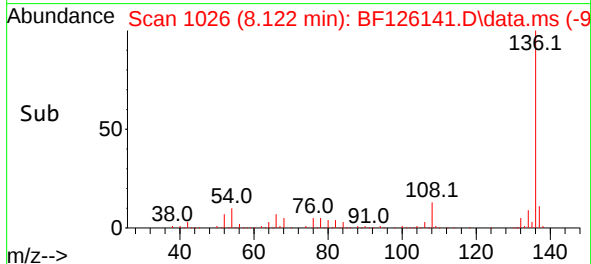
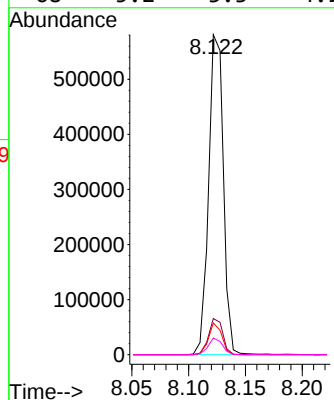
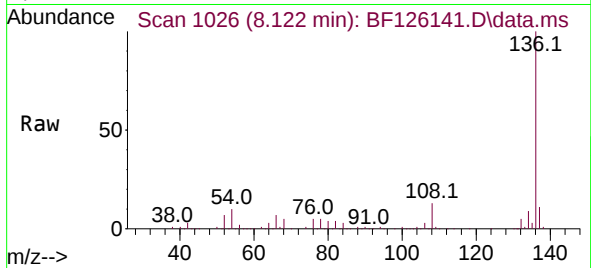




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.017 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

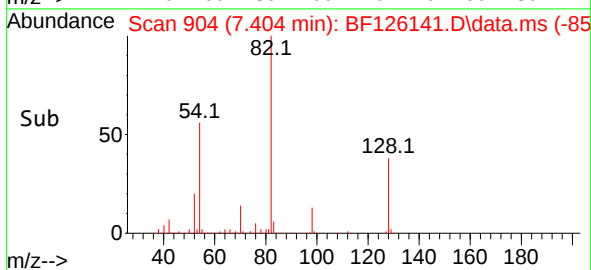
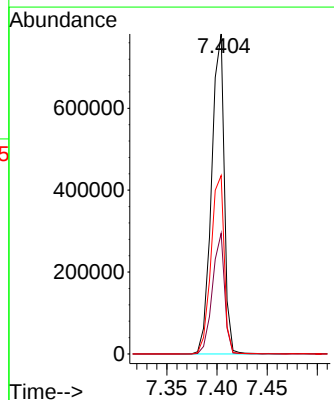
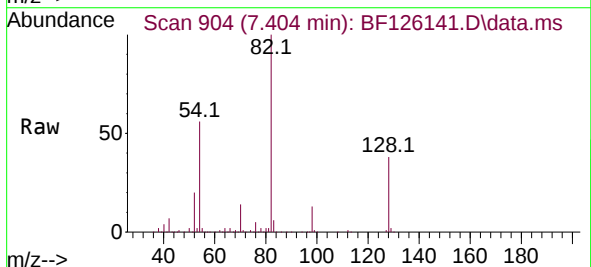
Instrument :
BNA_F
ClientSampleId :
TT-3/4-5

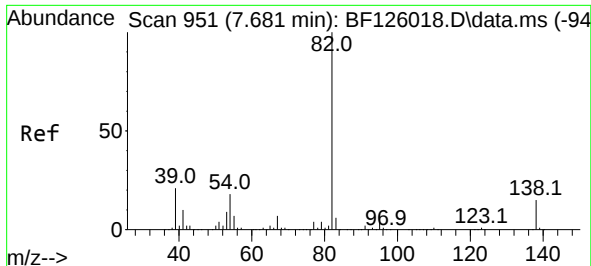
Tgt Ion:136 Resp: 523680
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.6
54 9.9 6.4 9.6#
68 5.2 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 62.313 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

Tgt Ion: 82 Resp: 691935
Ion Ratio Lower Upper
82 100
128 37.7 40.6 60.8#
54 55.8 49.6 74.4

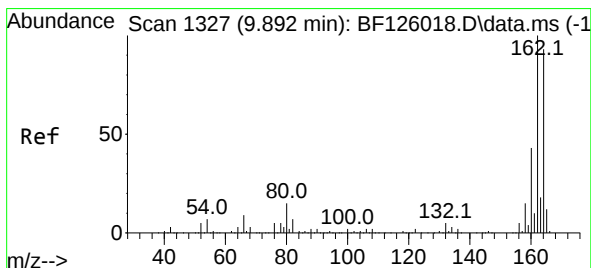
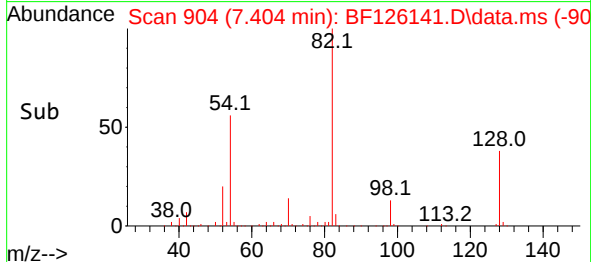
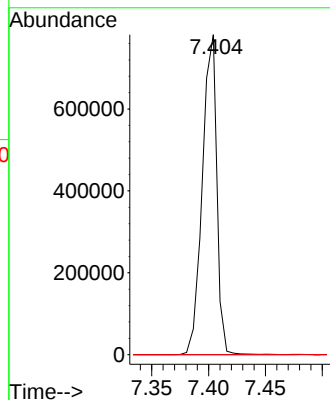
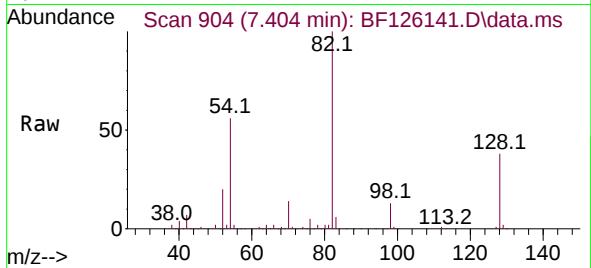




#25
Isophorone
Concen: 34.521 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.277 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

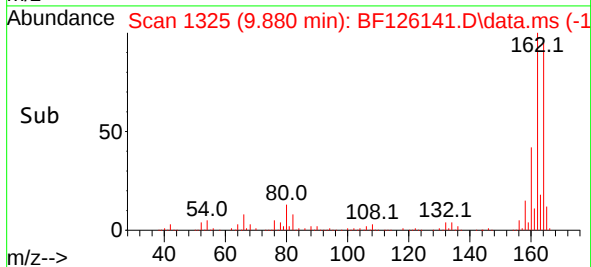
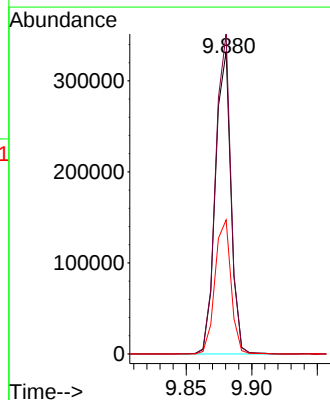
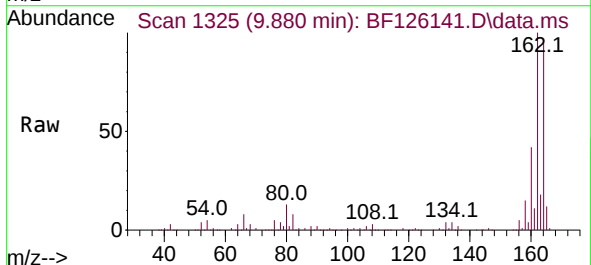
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BNA_F
ClientSampleId :
TT-3/4-5

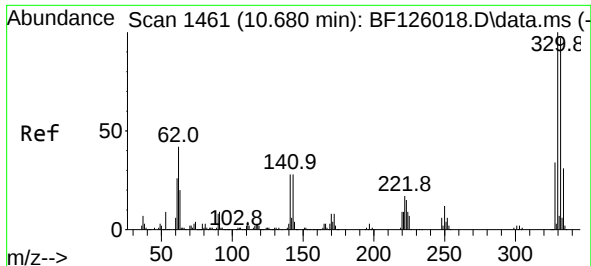
Tgt Ion: 82 Resp: 690159
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

Tgt Ion: 164 Resp: 272862
Ion Ratio Lower Upper
164 100
162 105.8 81.3 121.9
160 44.3 38.0 57.0

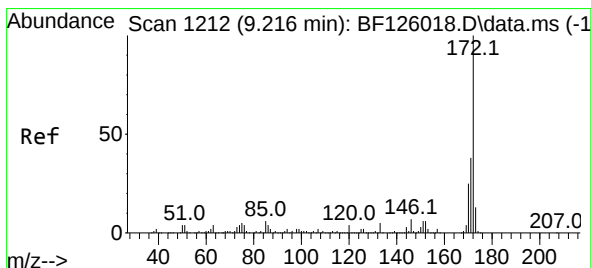
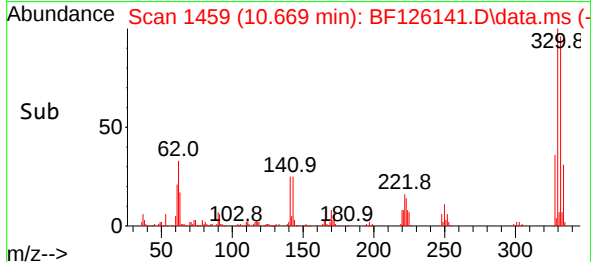
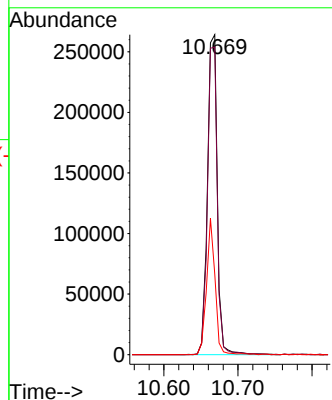
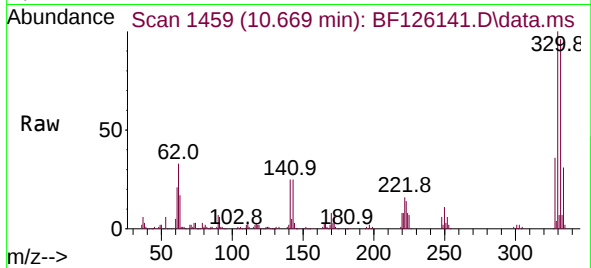




#42
2,4,6-Tribromophenol
Concen: 78.344 ng
RT: 10.669 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

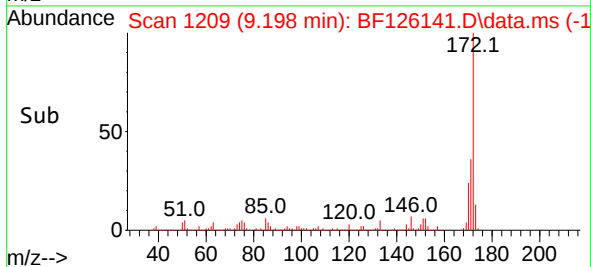
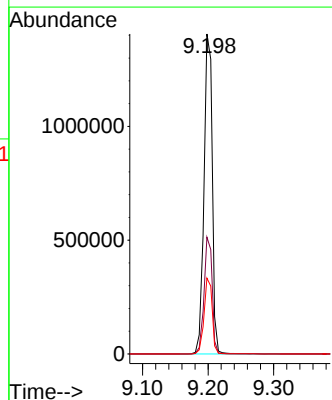
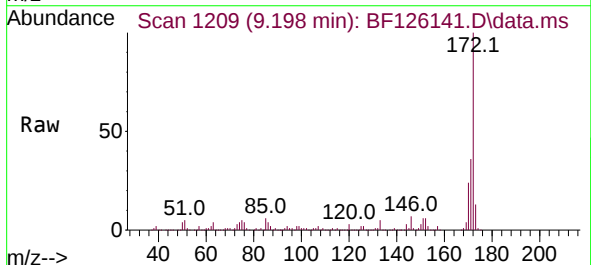
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TT-3/4-5

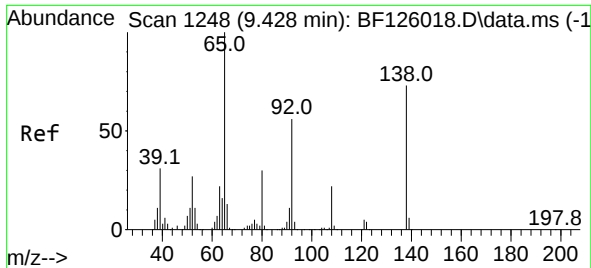
Tgt Ion: 330 Resp: 244984
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 37.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 61.449 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.018 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

Tgt Ion: 172 Resp: 1240758
Ion Ratio Lower Upper
172 100
171 36.5 26.5 39.7
170 23.7 18.8 28.2

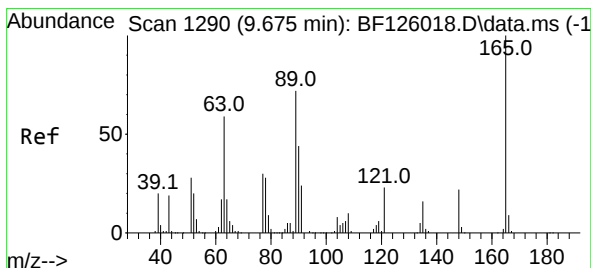
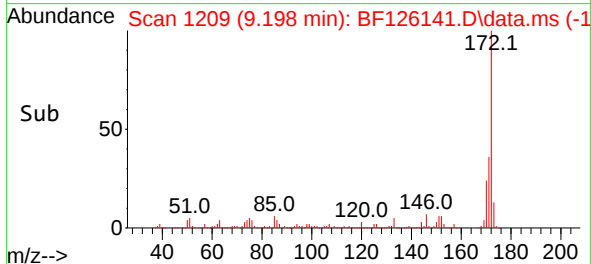
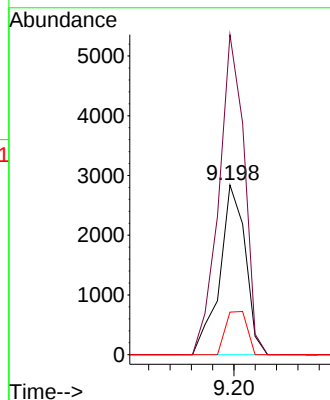
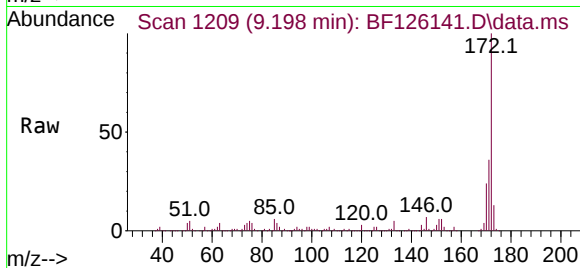




#48
2-Nitroaniline
Concen: 3.261 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.230 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

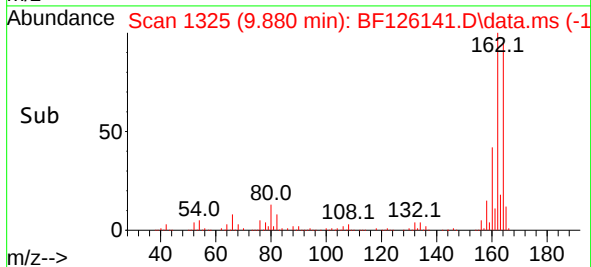
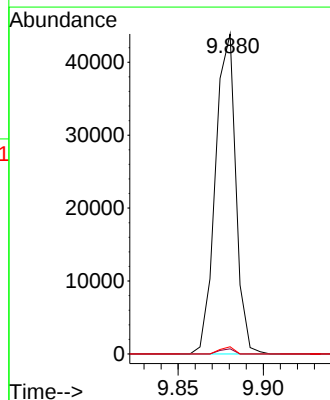
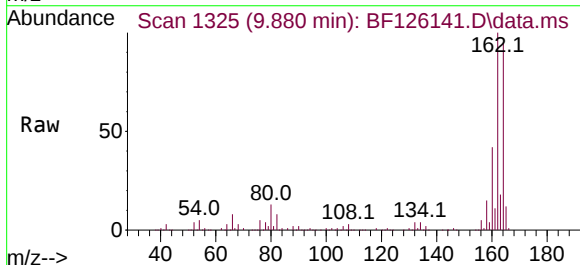
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TT-3/4-5

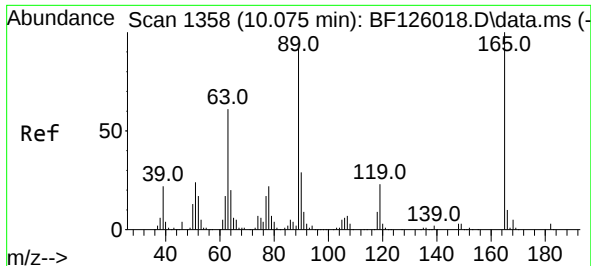
Tgt Ion: 65 Resp: 2378
Ion Ratio Lower Upper
65 100
92 188.8 55.5 83.3#
138 25.1 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 10.735 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.205 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

Tgt Ion: 165 Resp: 36552
Ion Ratio Lower Upper
165 100
63 1.6 42.6 63.8#
89 2.3 40.6 60.8#

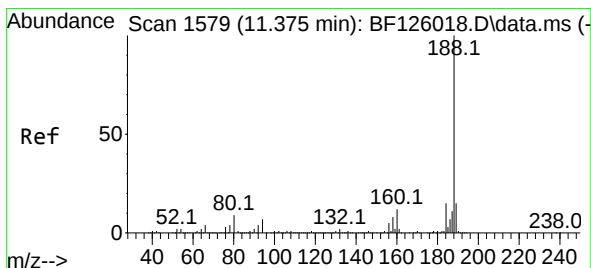
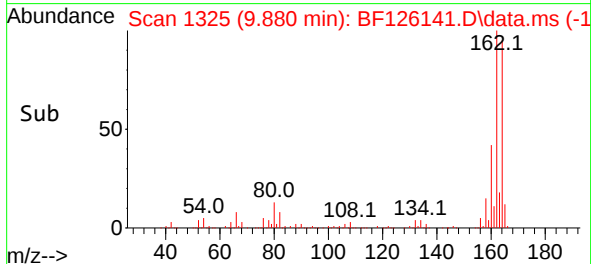
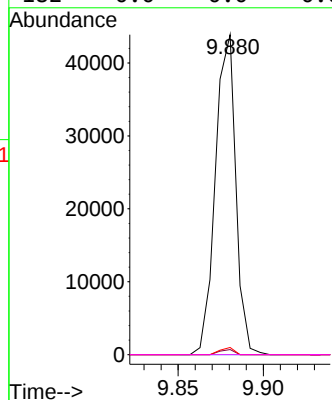
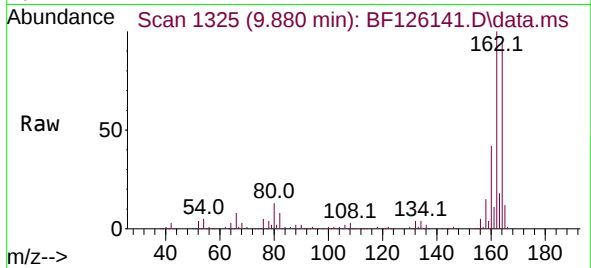




#57
2,4-Dinitrotoluene
Concen: 10.126 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.195 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

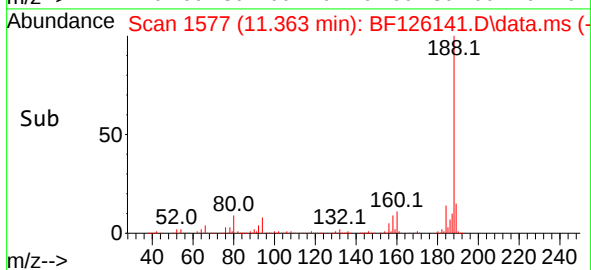
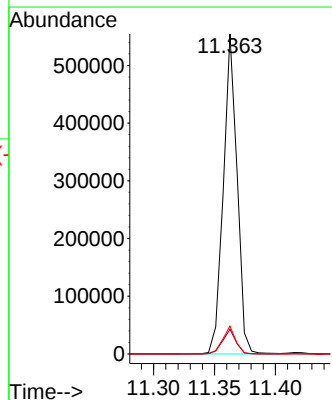
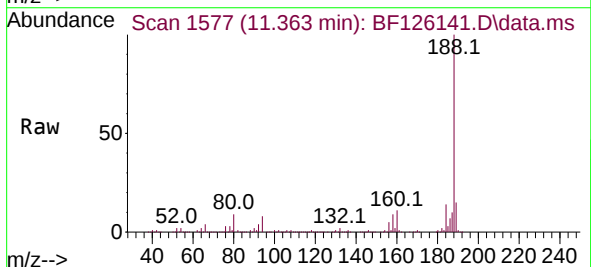
Instrument :
BNA_F
ClientSampleId :
TT-3/4-5

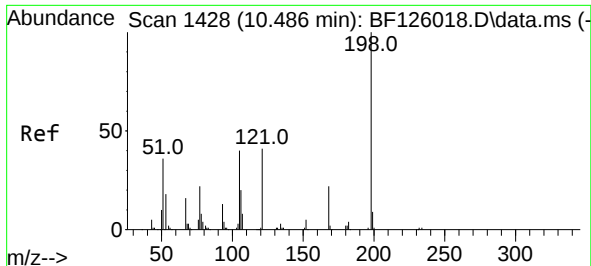
Tgt Ion:165 Resp: 36552
Ion Ratio Lower Upper
165 100
63 1.6 40.9 61.3#
89 2.3 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

Tgt Ion:188 Resp: 436592
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.7 7.5 11.3

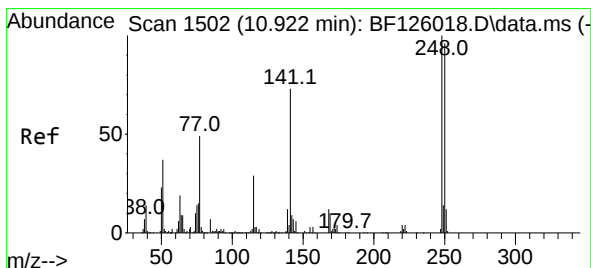
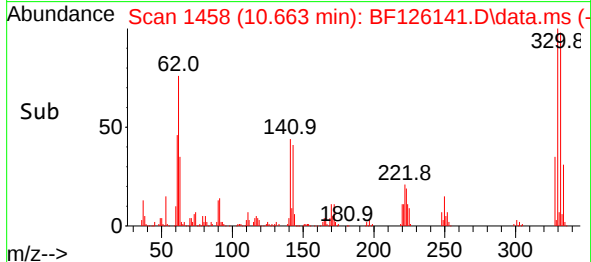
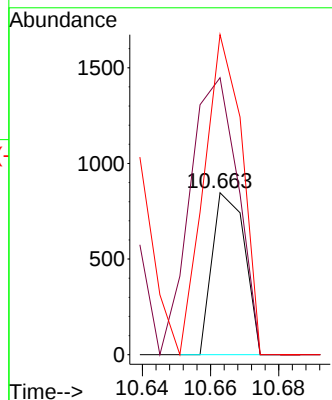
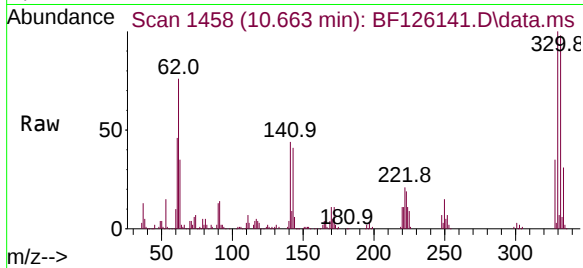




#65
4,6-Dinitro-2-methylphenol
Concen: 8.537 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.177 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

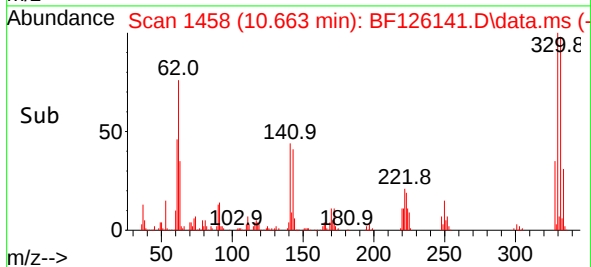
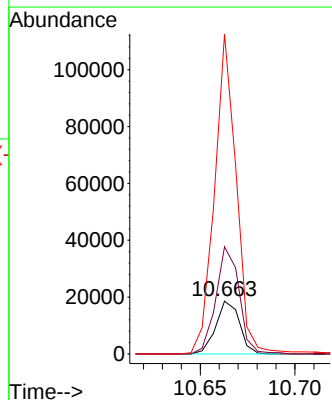
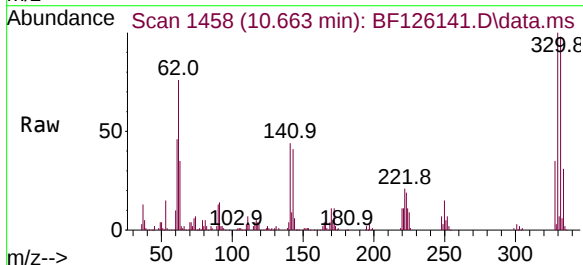
Instrument :
BNA_F
ClientSampleId :
TT-3/4-5

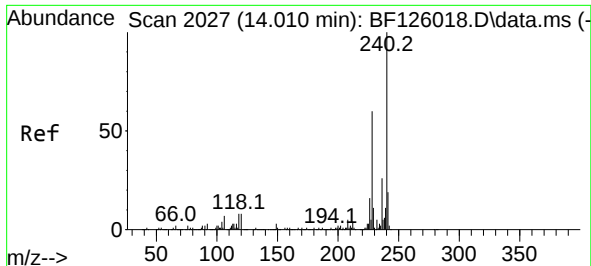
Tgt Ion:198 Resp: 561
Ion Ratio Lower Upper
198 100
51 171.0 45.3 85.3#
105 197.5 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.052 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.259 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

Tgt Ion:248 Resp: 16140
Ion Ratio Lower Upper
248 100
250 203.2 74.2 111.4#
141 606.9 60.4 90.6#

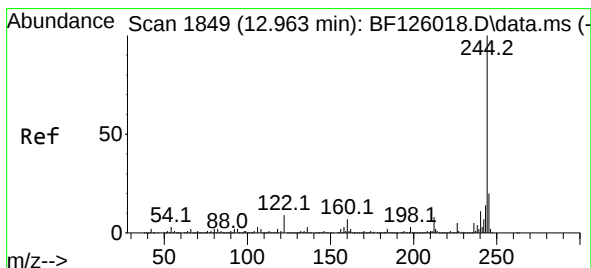
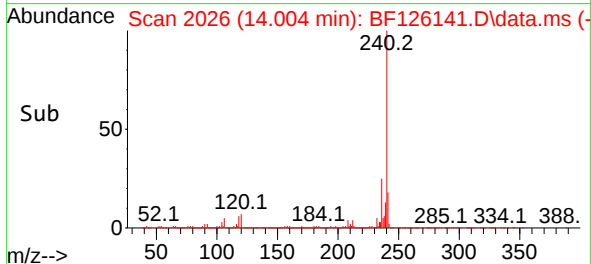
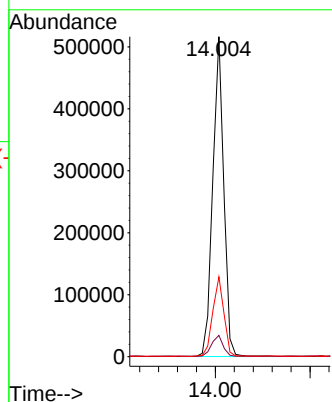
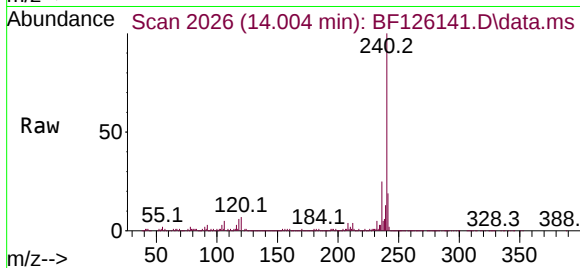




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

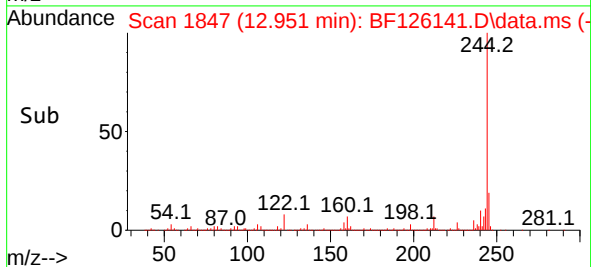
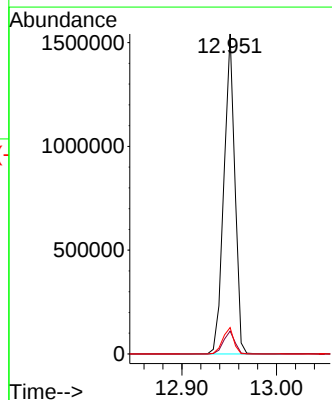
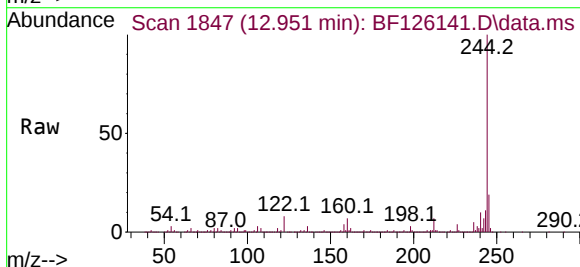
Instrument :
BNA_F
ClientSampleId :
TT-3/4-5

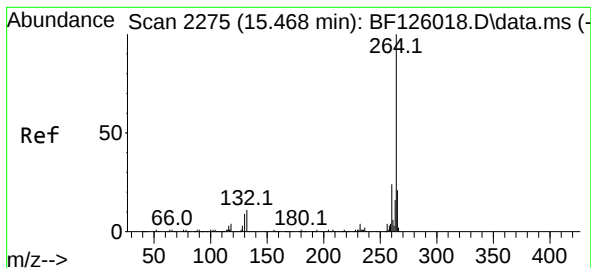
Tgt Ion:240 Resp: 414533
Ion Ratio Lower Upper
240 100
120 6.7 10.8 16.2#
236 25.0 21.6 32.4



#79
Terphenyl-d14
Concen: 48.456 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.012 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

Tgt Ion:244 Resp: 1245638
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 8.3 9.0 13.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF126141.D

Acq: 11 Nov 2021 23:35

Instrument :

BNA_F

ClientSampleId :

TT-3/4-5

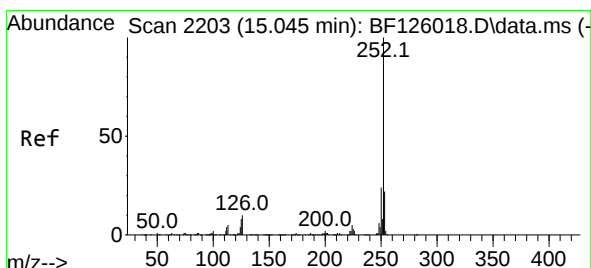
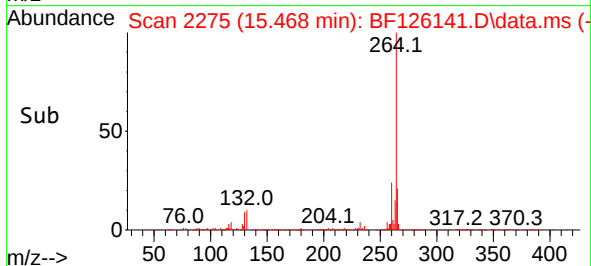
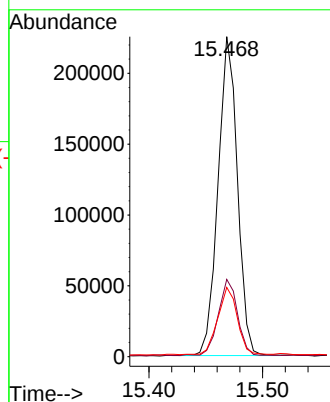
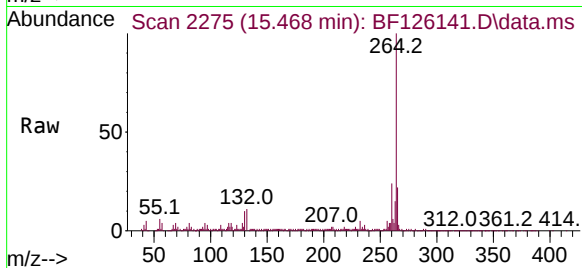
Tgt Ion:264 Resp: 266603

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 21.6 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 2.372 ng

RT: 15.039 min Scan# 2202

Delta R.T. -0.006 min

Lab File: BF126141.D

Acq: 11 Nov 2021 23:35

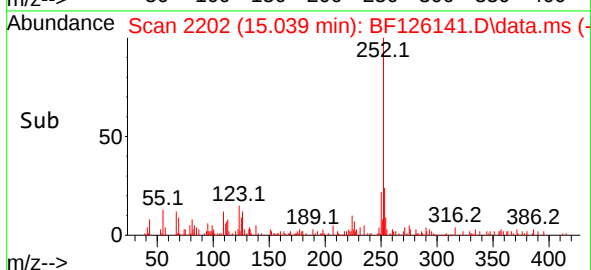
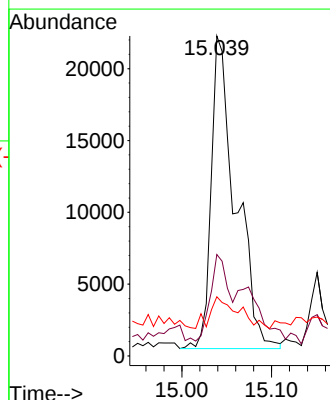
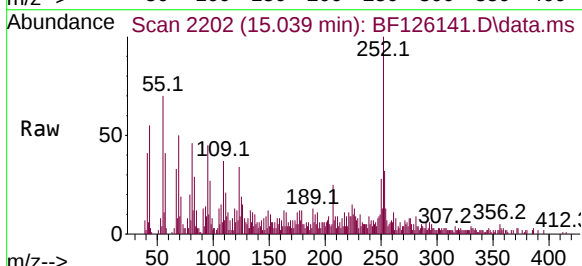
Tgt Ion:252 Resp: 41140

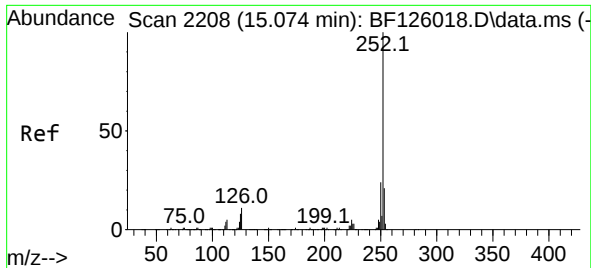
Ion Ratio Lower Upper

252 100

253 31.7 16.8 25.2#

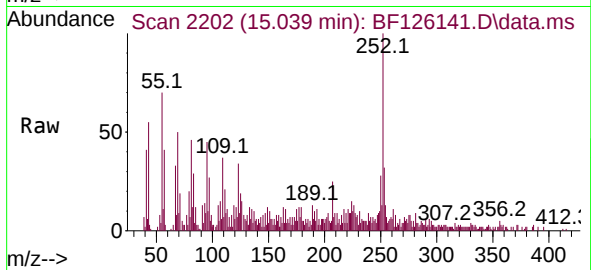
125 18.5 9.8 14.8#





#89
Benzo(k)fluoranthene
Concen: 2.446 ng
RT: 15.039 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF126141.D
Acq: 11 Nov 2021 23:35

Instrument :
BNA_F
ClientSampleId :
TT-3/4-5



Tgt Ion:252 Resp: 41140
Ion Ratio Lower Upper
252 100
253 31.7 17.8 26.8#
125 18.5 7.2 10.8#

