

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
 Data File : BF126634.D
 Acq On : 24 Jan 2022 13:05
 Operator : CG/JU
 Sample : PB142169TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142169TB

Quant Time: Jan 24 13:29:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

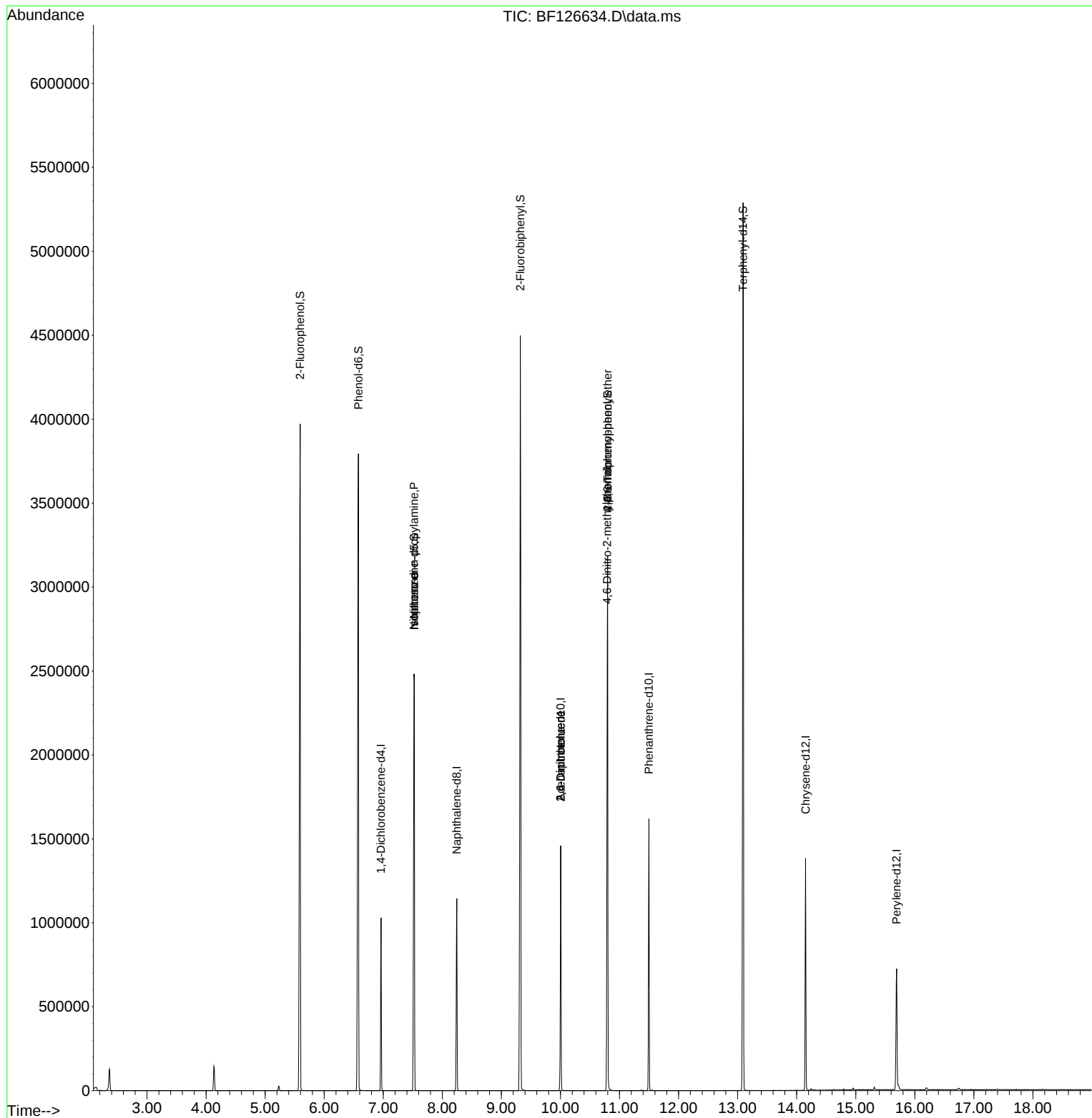
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	122398	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	479002	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	273859	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	488472	20.000	ng	0.00
76) Chrysene-d12	14.151	240	425827	20.000	ng	# 0.00
86) Perylene-d12	15.692	264	332419	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	1110648	119.406	ng	0.01
7) Phenol-d6	6.581	99	1503439	116.336	ng	0.00
23) Nitrobenzene-d5	7.522	82	1133046	92.586	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	341141	133.108	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1462016	81.760	ng	0.00
79) Terphenyl-d14	13.092	244	1883208	74.177	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.581	77	2759	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.522	70	156641	16.607	ng	# 69
25) Isophorone	7.522	82	1132905	47.735	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	35403	10.548	ng	# 21
57) 2,4-Dinitrotoluene	10.004	165	35403	8.705	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	846	7.678	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	22703	4.033	ng	# 1

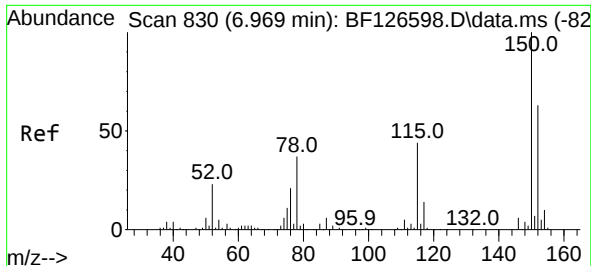
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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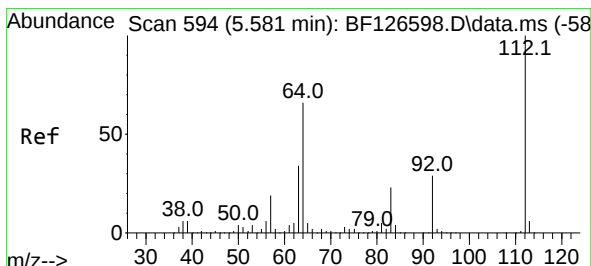
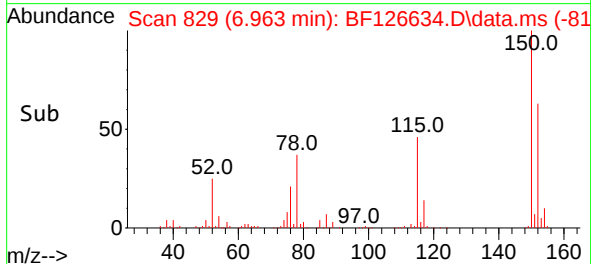
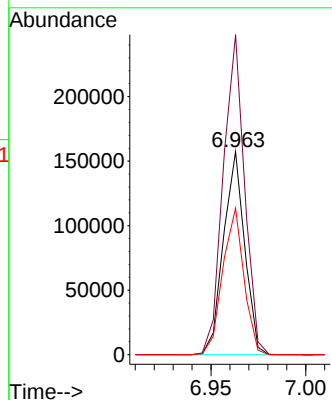
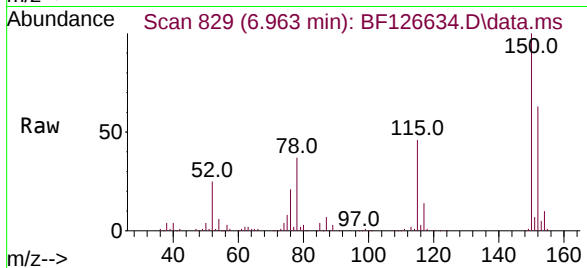




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126634.D
Acq: 24 Jan 2022 13:05

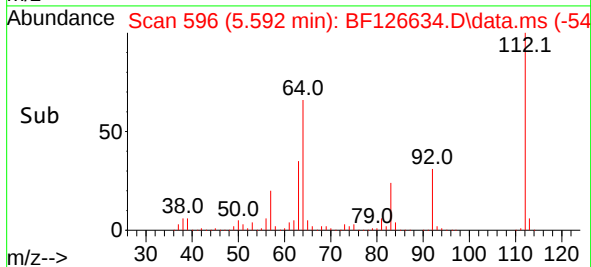
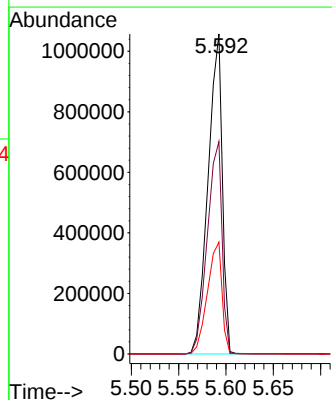
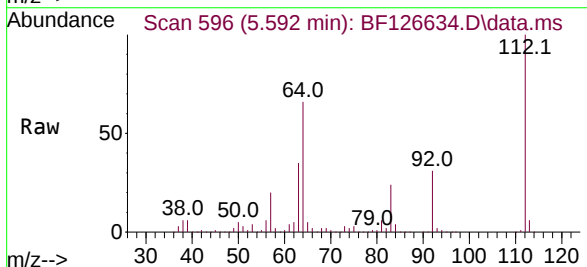
Instrument :
BNA_F
ClientSampleId :
PB142169TB

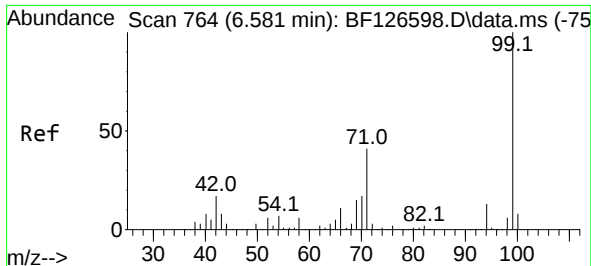
Tgt Ion:152 Resp: 122398
Ion Ratio Lower Upper
152 100
150 157.6 128.1 192.1
115 72.2 56.7 85.1



#5
2-Fluorophenol
Concen: 119.406 ng
RT: 5.592 min Scan# 596
Delta R.T. 0.012 min
Lab File: BF126634.D
Acq: 24 Jan 2022 13:05

Tgt Ion:112 Resp: 1110648
Ion Ratio Lower Upper
112 100
64 66.3 49.5 74.3
63 35.0 23.9 35.9

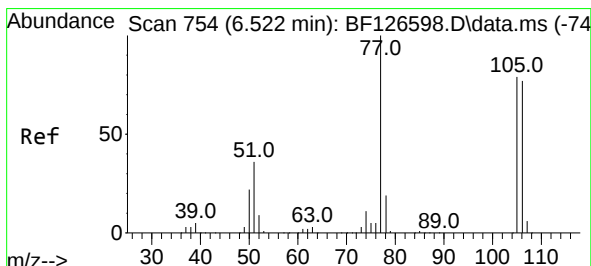
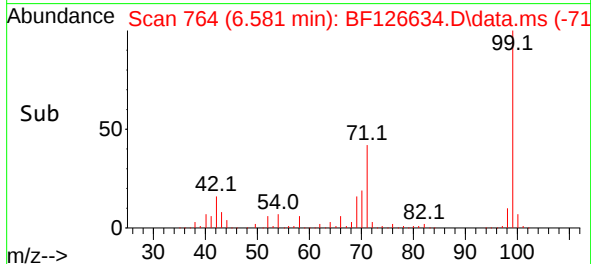
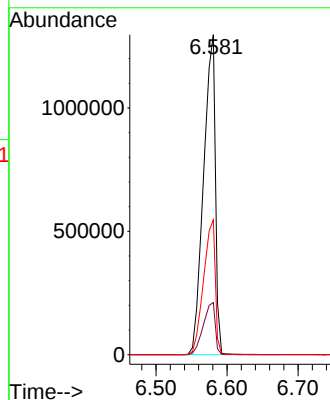
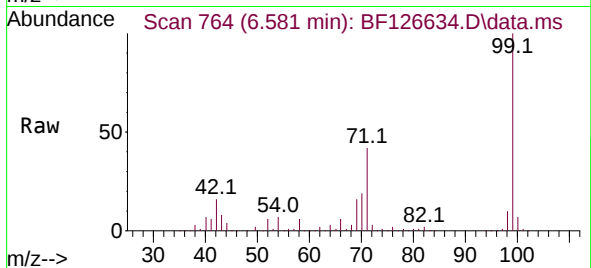




#7
Phenol-d6
Concen: 116.336 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF126634.D
Acq: 24 Jan 2022 13:05

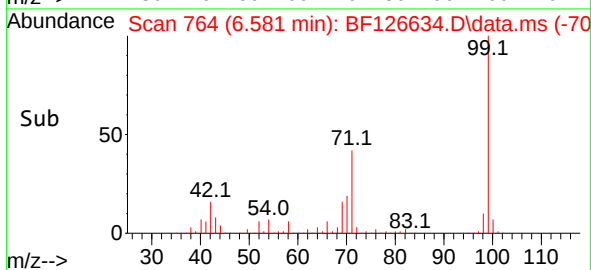
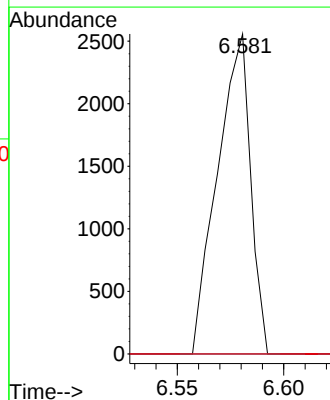
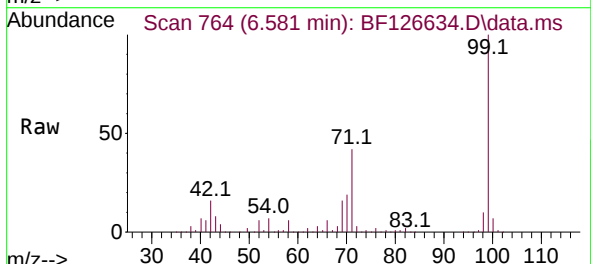
Instrument :
BNA_F
ClientSampleId :
PB142169TB

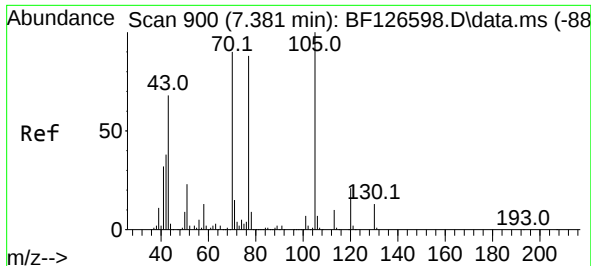
Tgt Ion: 99 Resp: 1503439
Ion Ratio Lower Upper
99 100
42 16.3 14.2 21.4
71 42.1 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.581 min Scan# 764
Delta R.T. 0.059 min
Lab File: BF126634.D
Acq: 24 Jan 2022 13:05

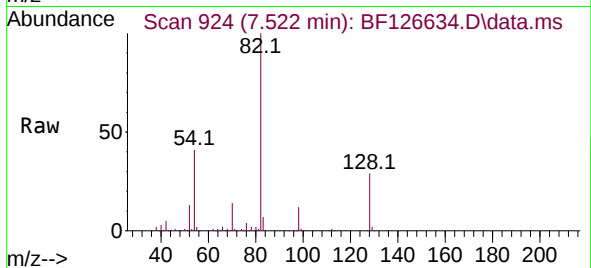
Tgt Ion: 77 Resp: 2759
Ion Ratio Lower Upper
77 100
105 0.0 74.9 114.9#
106 0.0 72.4 112.4#



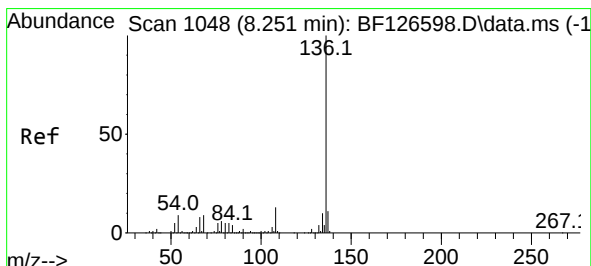
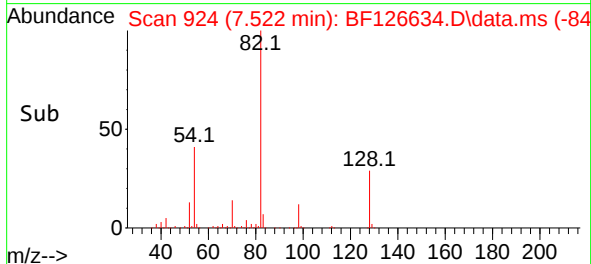
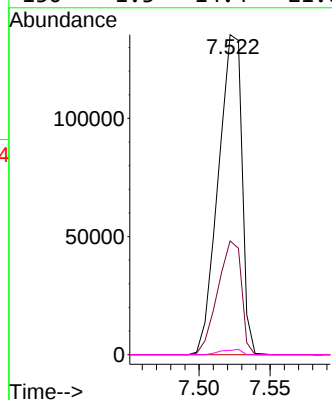


#19
n-Nitroso-di-n-propylamine
Concen: 16.607 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF126634.D
Acq: 24 Jan 2022 13:05

Instrument :
BNA_F
ClientSampleId :
PB142169TB

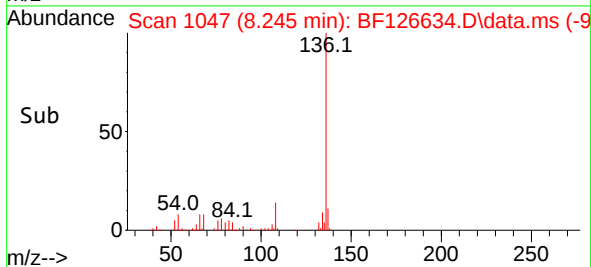
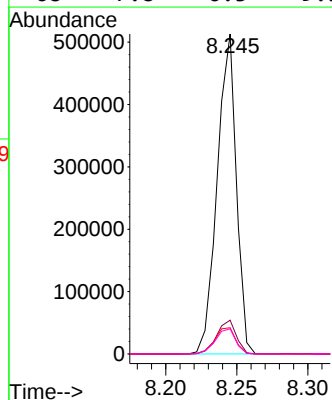
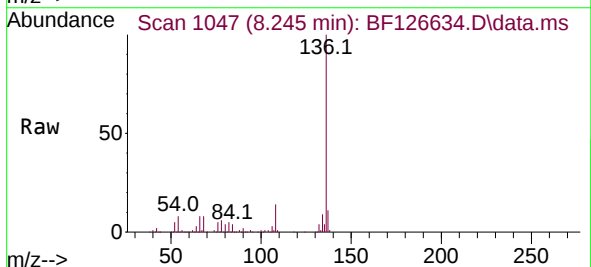


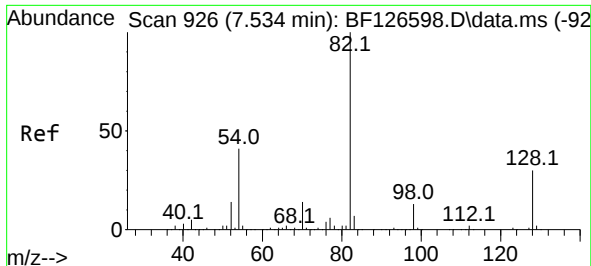
Tgt Ion: 70 Resp: 156641
Ion Ratio Lower Upper
70 100
42 35.6 45.8 68.8#
101 0.0 6.9 10.3#
130 1.3 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126634.D
Acq: 24 Jan 2022 13:05

Tgt Ion: 136 Resp: 479002
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.2 7.8 11.6
68 7.8 6.3 9.5

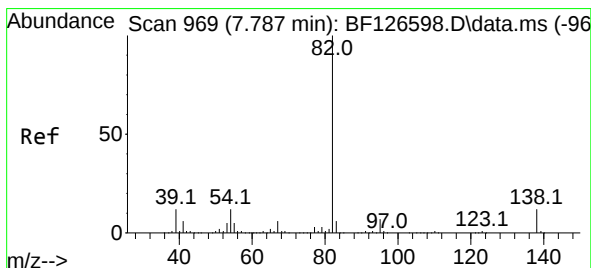
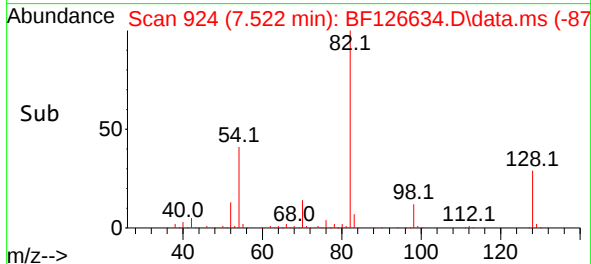
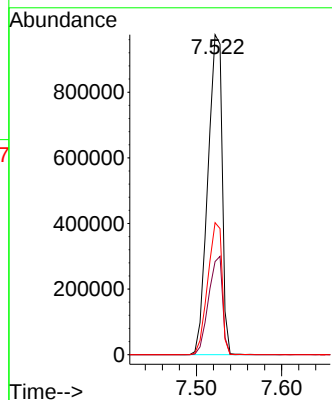
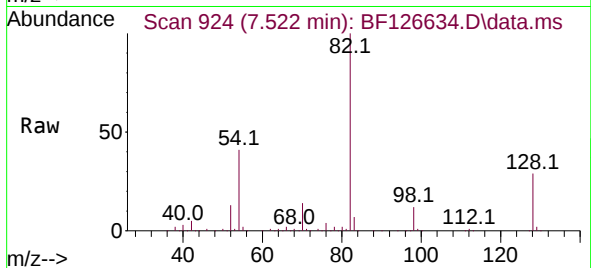




#23
Nitrobenzene-d5
Concen: 92.586 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126634.D
Acq: 24 Jan 2022 13:05

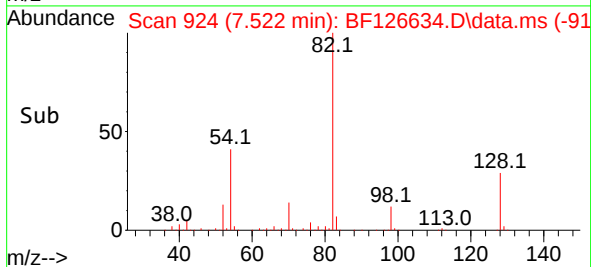
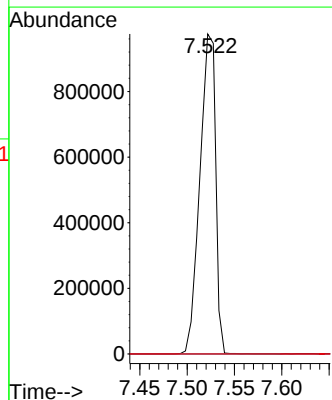
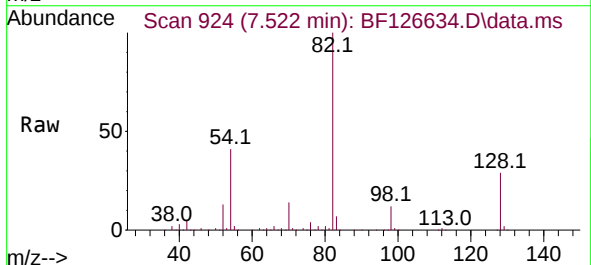
Instrument :
BNA_F
ClientSampleId :
PB142169TB

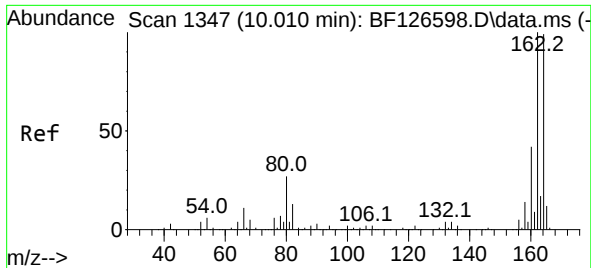
Tgt Ion: 82 Resp: 1133046
Ion Ratio Lower Upper
82 100
128 29.1 32.7 49.1#
54 41.3 41.7 62.5#



#25
Isophorone
Concen: 47.735 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.265 min
Lab File: BF126634.D
Acq: 24 Jan 2022 13:05

Tgt Ion: 82 Resp: 1132905
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

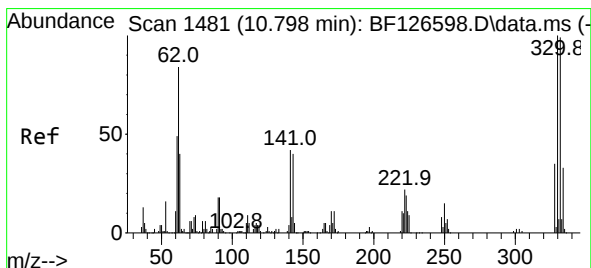
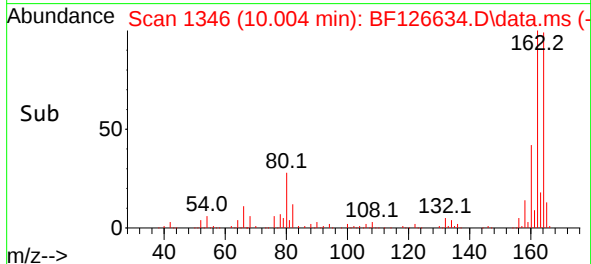
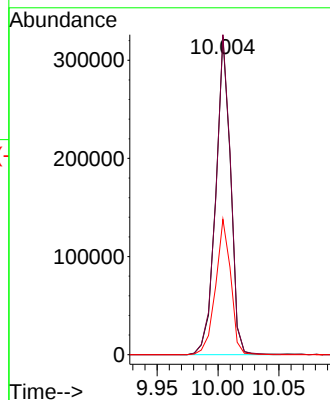
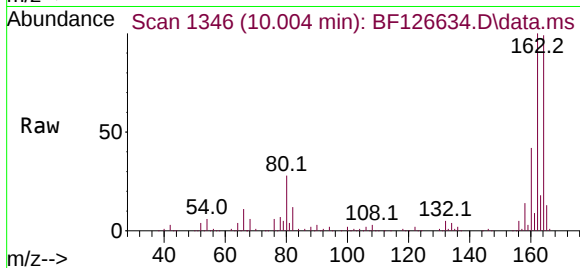




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126634.D
Acq: 24 Jan 2022 13:05

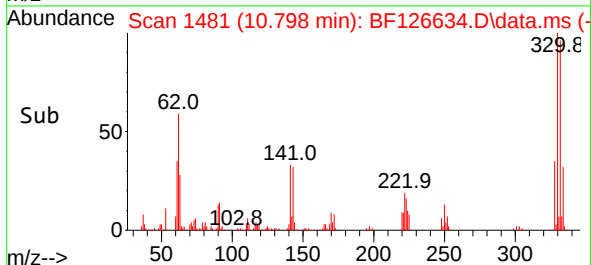
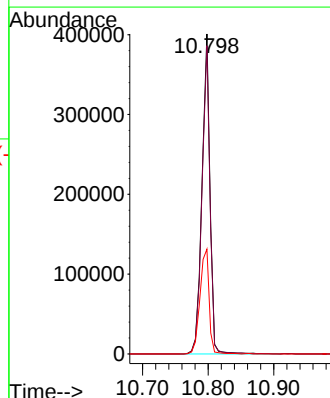
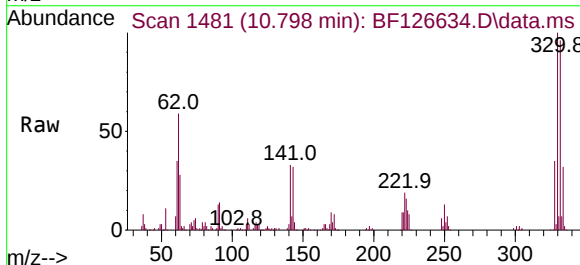
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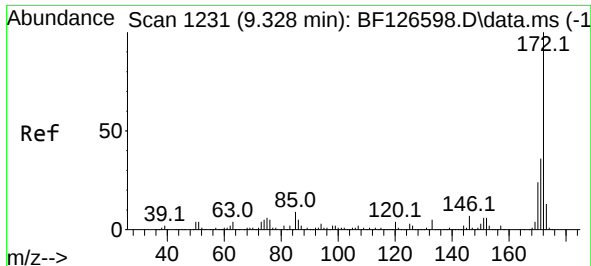
Tgt Ion:164 Resp: 273859
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 42.6 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 133.108 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF126634.D
Acq: 24 Jan 2022 13:05

Tgt Ion:330 Resp: 341141
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 37.5 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 81.760 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126634.D

Acq: 24 Jan 2022 13:05

Instrument :

BNA_F

ClientSampleId :

PB142169TB

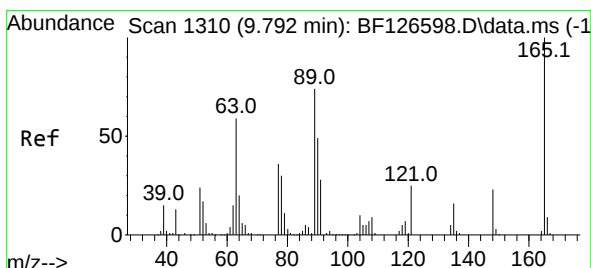
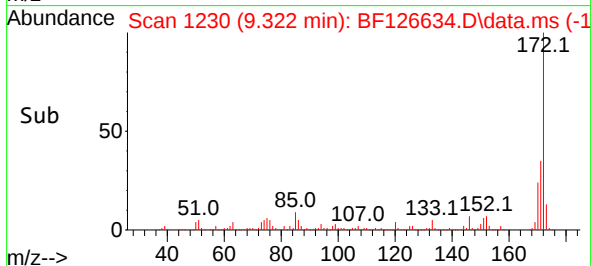
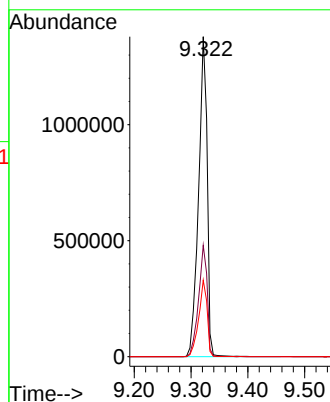
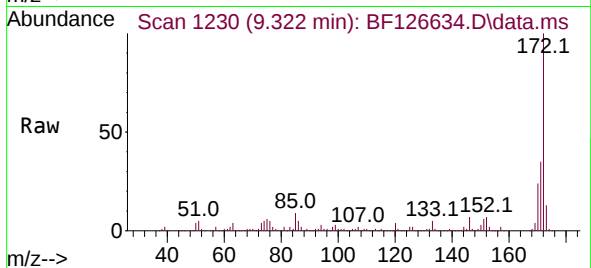
Tgt Ion:172 Resp: 1462016

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.9 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.548 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126634.D

Acq: 24 Jan 2022 13:05

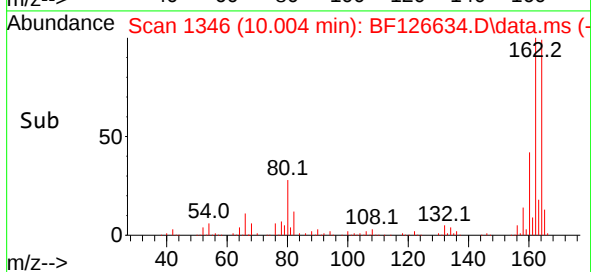
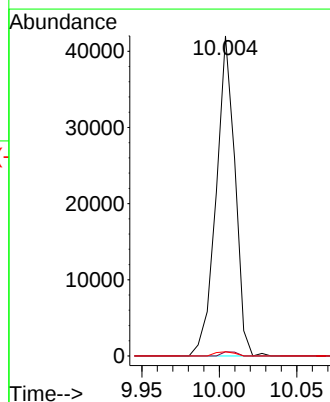
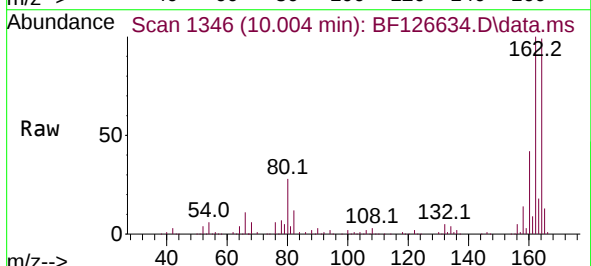
Tgt Ion:165 Resp: 35403

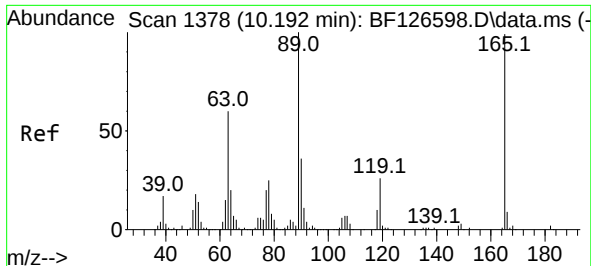
Ion Ratio Lower Upper

165 100

63 1.3 48.4 72.6#

89 1.3 50.5 75.7#

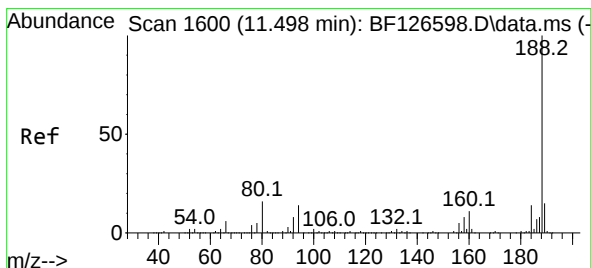
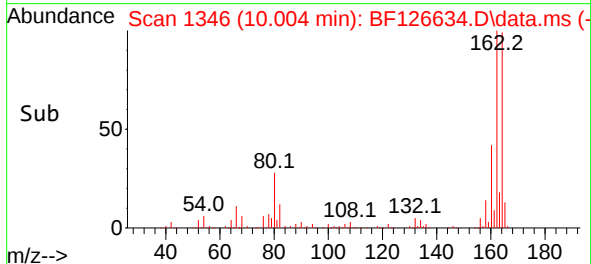
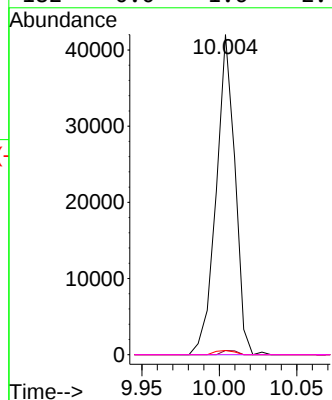
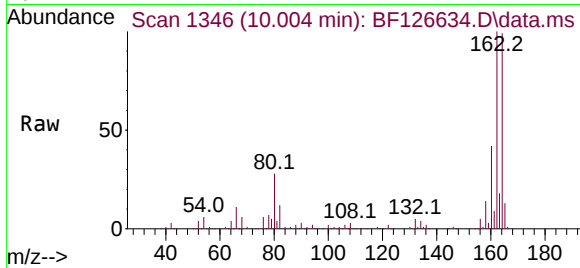




#57
2,4-Dinitrotoluene
Concen: 8.705 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126634.D
Acq: 24 Jan 2022 13:05

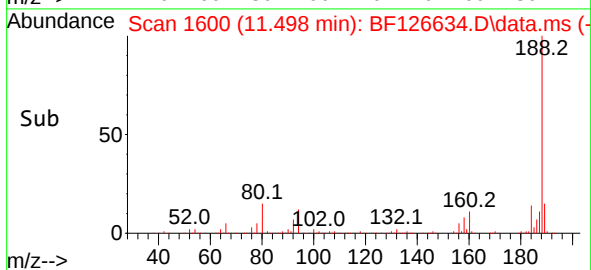
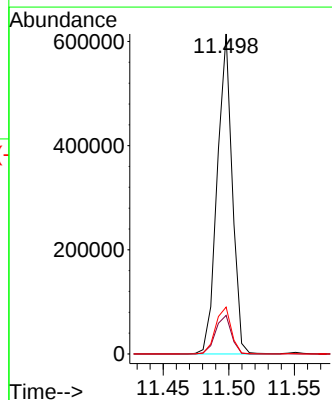
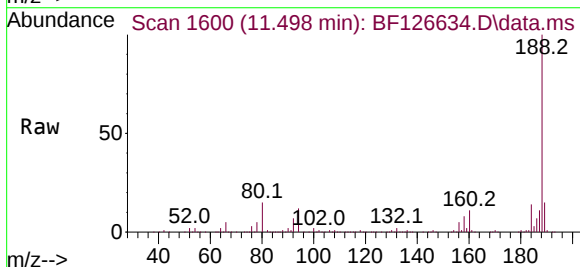
Instrument :
BNA_F
ClientSampleId :
PB142169TB

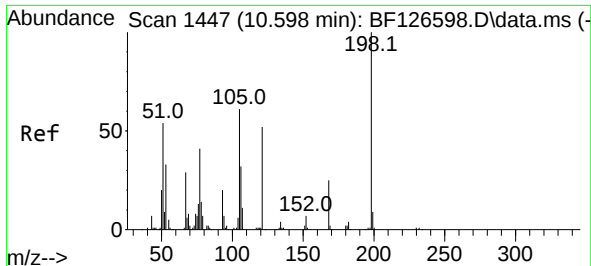
Tgt Ion:165 Resp: 35403
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BF126634.D
Acq: 24 Jan 2022 13:05

Tgt Ion:188 Resp: 488472
Ion Ratio Lower Upper
188 100
94 12.1 10.1 15.1
80 14.7 11.8 17.6

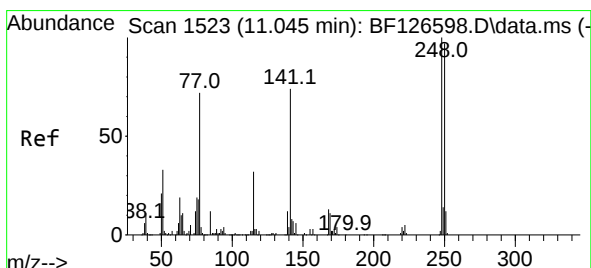
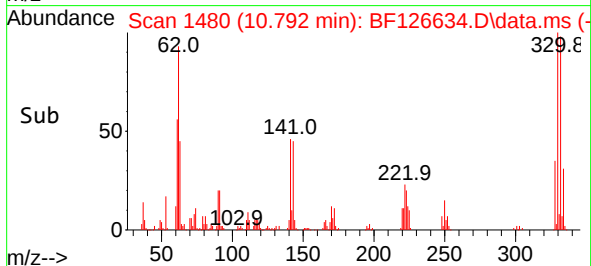
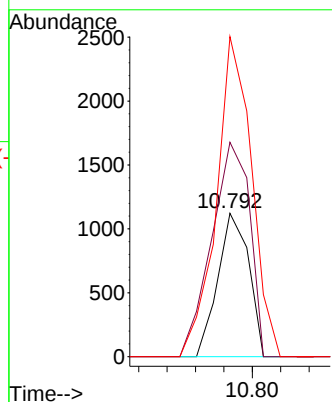
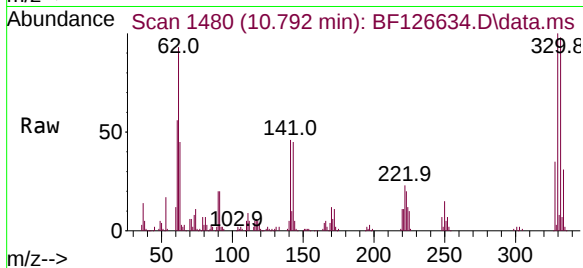




#65
4,6-Dinitro-2-methylphenol
Concen: 7.678 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126634.D
Acq: 24 Jan 2022 13:05

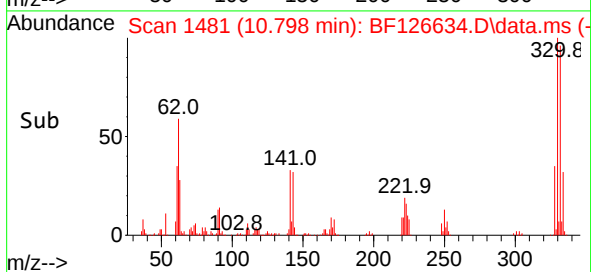
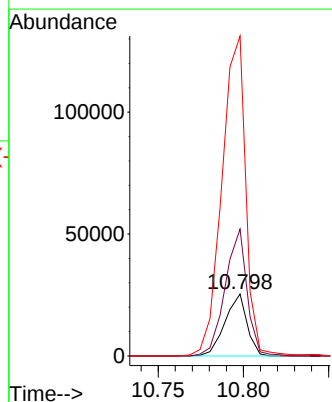
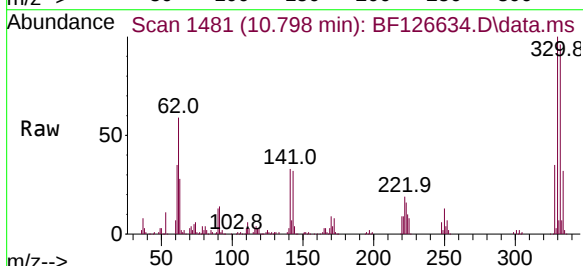
Instrument :
BNA_F
ClientSampleId :
PB142169TB

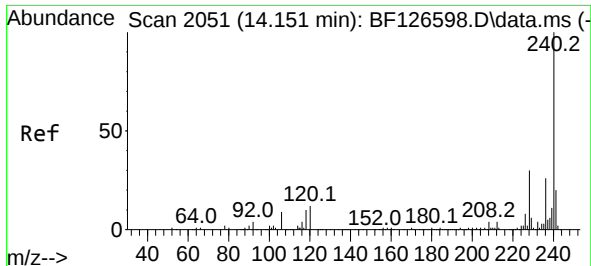
Tgt Ion:198 Resp: 846
Ion Ratio Lower Upper
198 100
51 149.6 32.0 72.0#
105 223.2 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 4.033 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.247 min
Lab File: BF126634.D
Acq: 24 Jan 2022 13:05

Tgt Ion:248 Resp: 22703
Ion Ratio Lower Upper
248 100
250 205.2 76.2 114.4#
141 517.1 66.2 99.4#

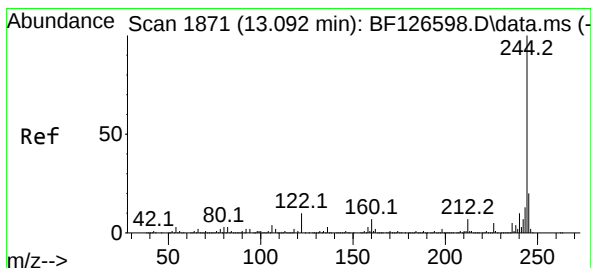
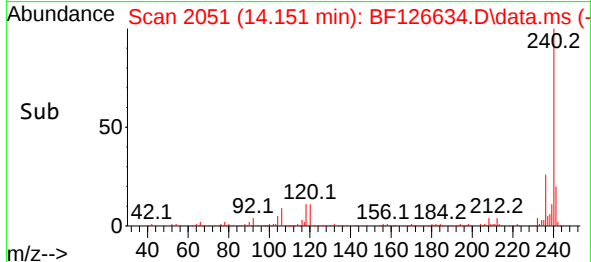
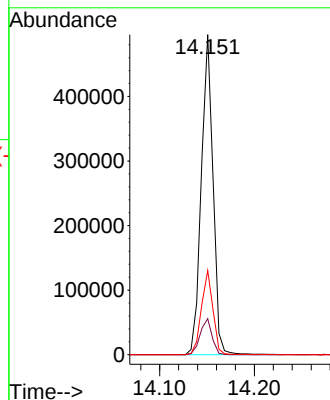
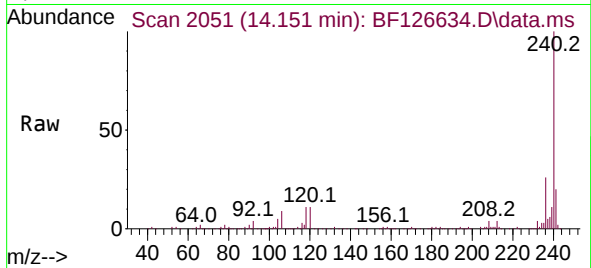




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BF126634.D
Acq: 24 Jan 2022 13:05

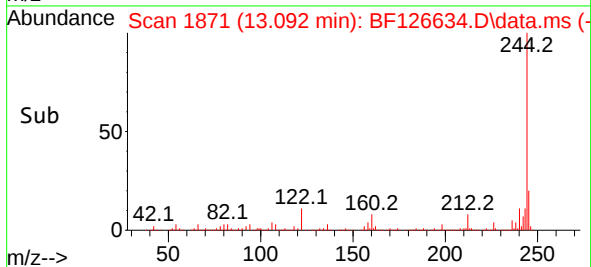
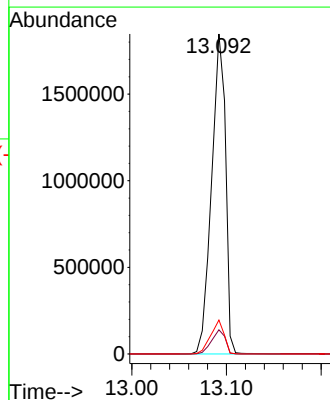
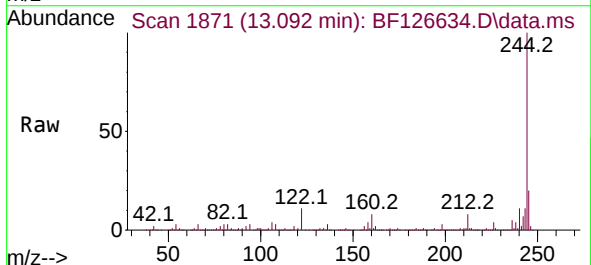
Instrument :
BNA_F
ClientSampleId :
PB142169TB

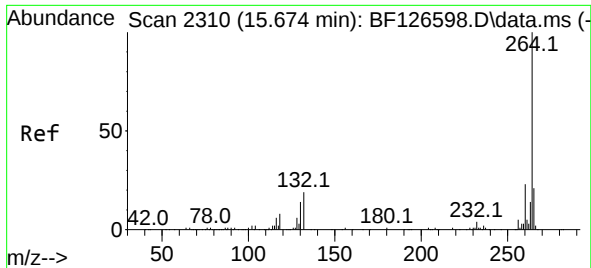
Tgt Ion:240 Resp: 425827
Ion Ratio Lower Upper
240 100
120 11.2 14.4 21.6#
236 26.3 20.5 30.7



#79
Terphenyl-d14
Concen: 74.177 ng
RT: 13.092 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BF126634.D
Acq: 24 Jan 2022 13:05

Tgt Ion:244 Resp: 1883208
Ion Ratio Lower Upper
244 100
212 7.6 5.0 7.4#
122 10.6 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF126634.D
 Acq: 24 Jan 2022 13:05

Instrument :
 BNA_F
 ClientSampleId :
 PB142169TB

Tgt Ion:264 Resp: 332419
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.2 17.4 26.2

