

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
 Data File : BF126666.D
 Acq On : 25 Jan 2022 16:29
 Operator : CG/JU
 Sample : N1228-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1245-N43502

Quant Time: Jan 26 00:21:38 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)

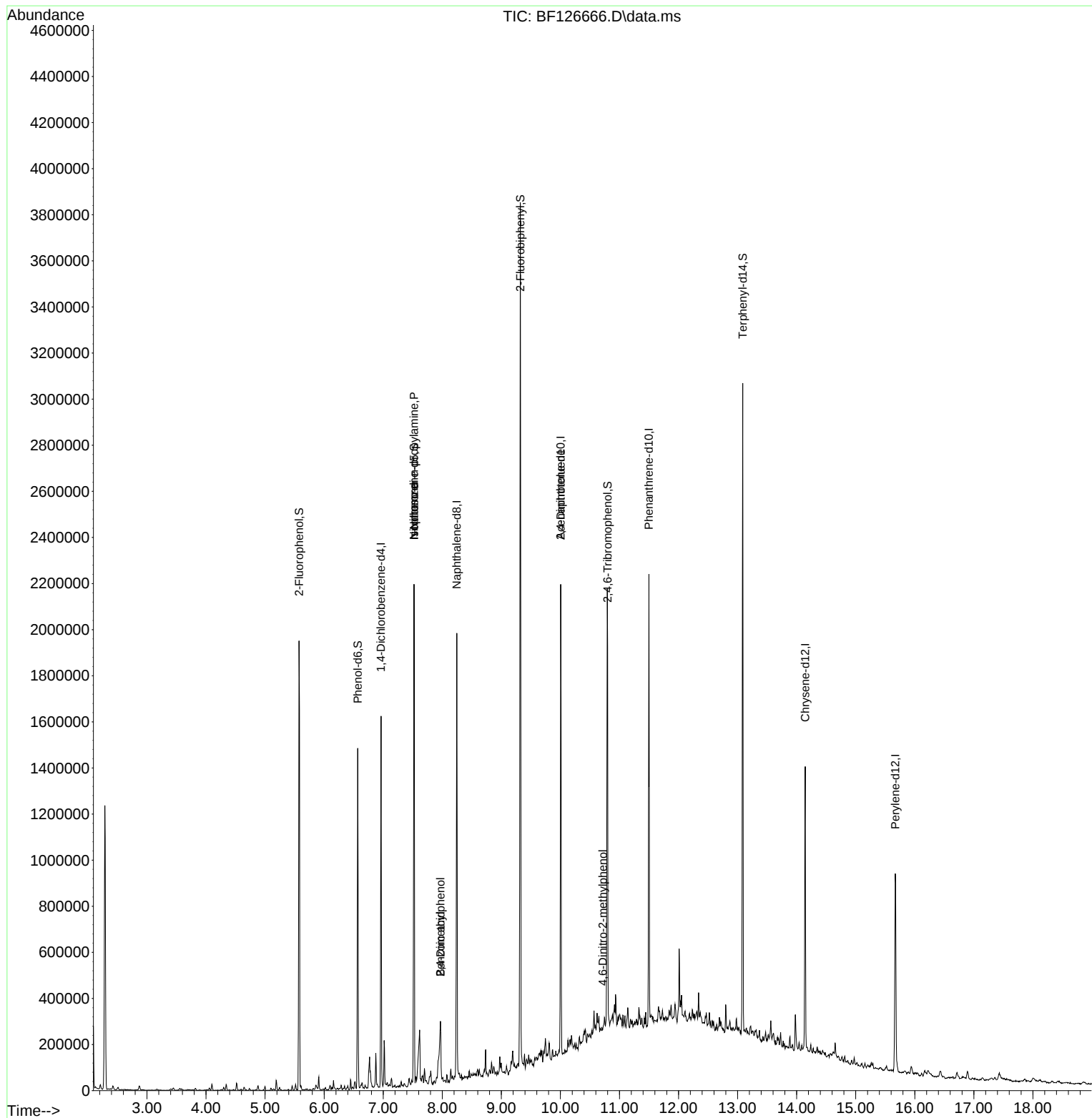
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	190802	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	727221	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	386291	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	599323	20.000	ng	0.00
76) Chrysene-d12	14.145	240	397711	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	407122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	494561	34.108	ng	0.00
7) Phenol-d6	6.569	99	457161	22.693	ng	-0.01
23) Nitrobenzene-d5	7.522	82	813034	43.760	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	204541	56.580	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1020900	40.475	ng	0.00
79) Terphenyl-d14	13.086	244	850376	35.863	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	701	Below Cal	#	74
19) n-Nitroso-di-n-propyla...	7.522	70	111696	7.597	ng	# 69
25) Isophorone	7.522	82	813024	22.564	ng	# 69
27) 2,4-Dimethylphenol	7.969	122	89579	7.544	ng	# 5
32) Benzoic acid	7.969	122	89579	13.300	ng	# 71
57) 2,4-Dinitrotoluene	10.004	165	51165	8.918	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.716	198	121	7.407	ng	# 1

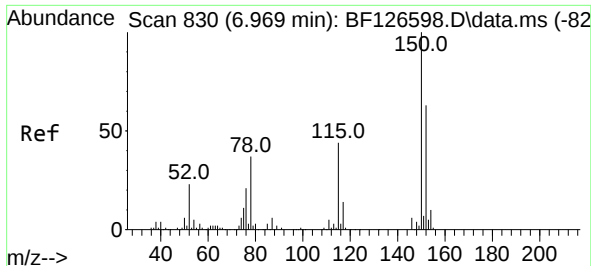
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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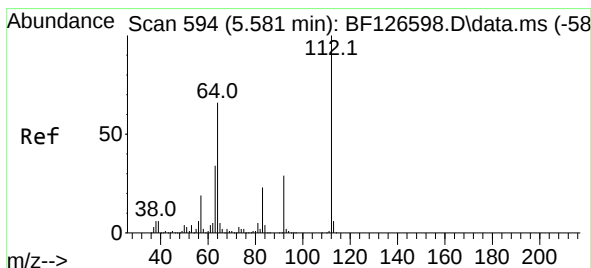
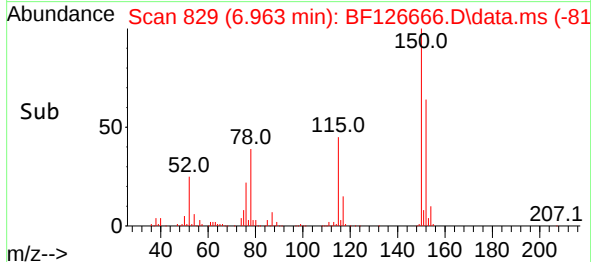
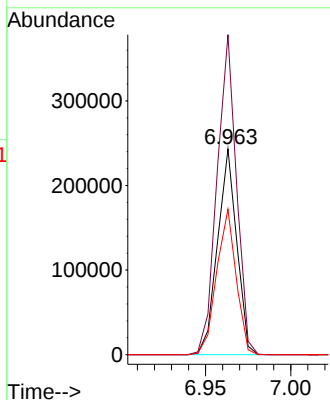
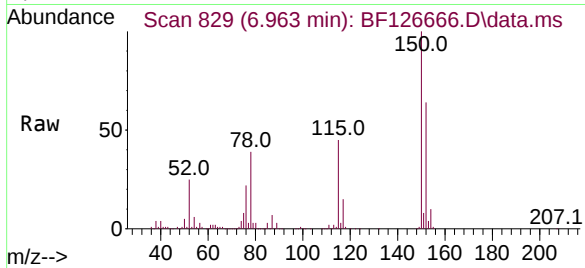




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126666.D
Acq: 25 Jan 2022 16:29

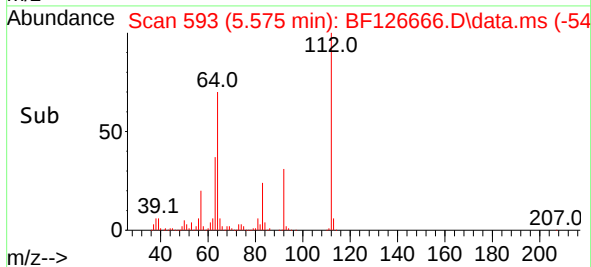
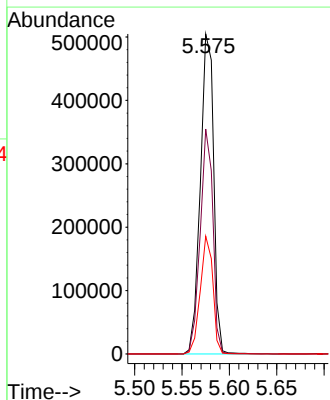
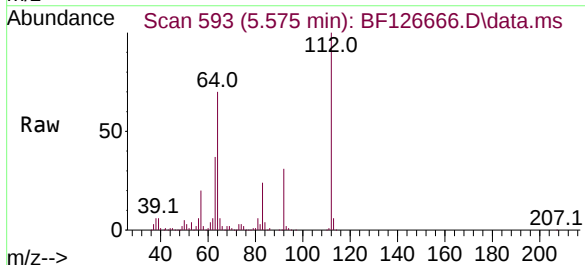
Instrument :
BNA_F
ClientSampleId :
1245-N43502

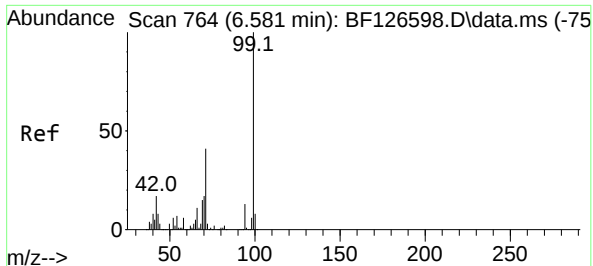
Tgt Ion:152 Resp: 190802
Ion Ratio Lower Upper
152 100
150 155.6 128.1 192.1
115 70.7 56.7 85.1



#5
2-Fluorophenol
Concen: 34.108 ng
RT: 5.575 min Scan# 593
Delta R.T. -0.006 min
Lab File: BF126666.D
Acq: 25 Jan 2022 16:29

Tgt Ion:112 Resp: 494561
Ion Ratio Lower Upper
112 100
64 70.3 49.5 74.3
63 36.8 23.9 35.9#

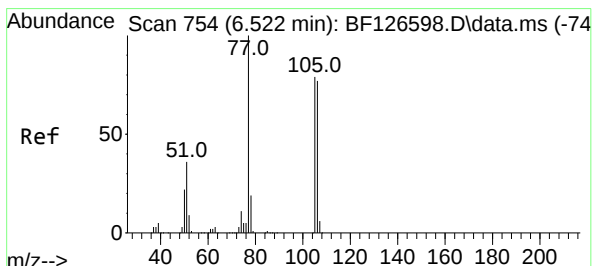
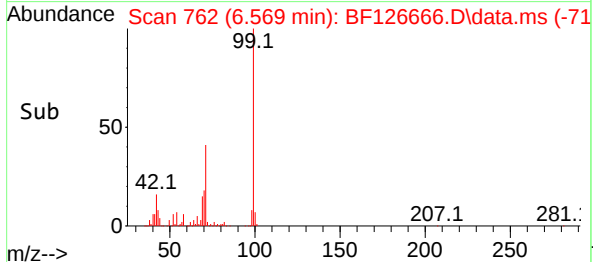
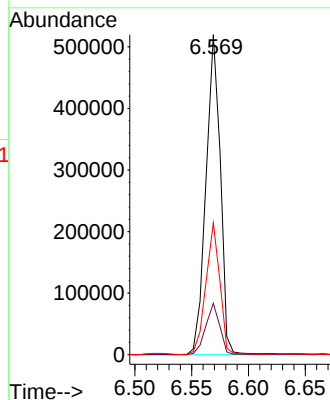
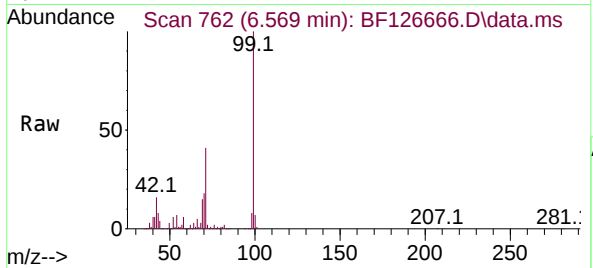




#7
Phenol-d6
Concen: 22.693 ng
RT: 6.569 min Scan# 701
Delta R.T. -0.012 min
Lab File: BF126666.D
Acq: 25 Jan 2022 16:29

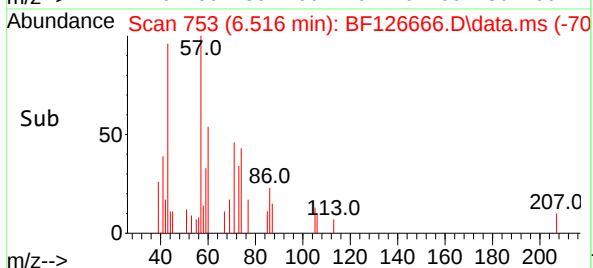
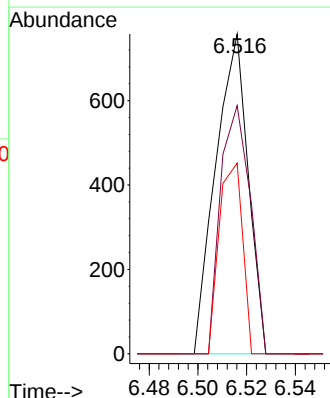
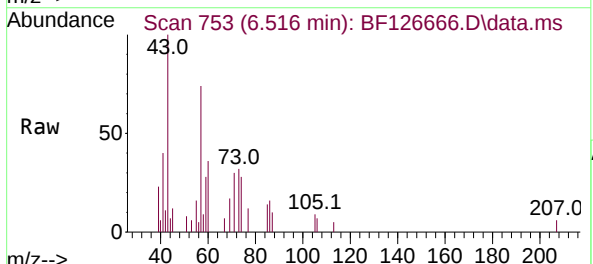
Instrument :
BNA_F
ClientSampleId :
1245-N43502

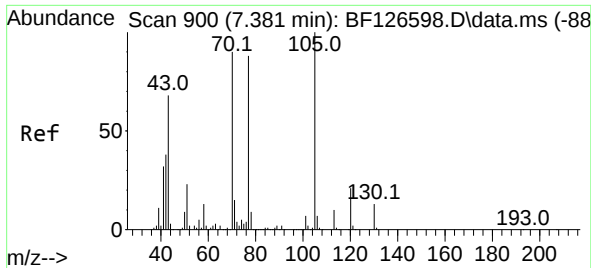
Tgt Ion: 99 Resp: 457161
Ion Ratio Lower Upper
99 100
42 16.1 14.2 21.4
71 41.2 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF126666.D
Acq: 25 Jan 2022 16:29

Tgt Ion: 77 Resp: 701
Ion Ratio Lower Upper
77 100
105 77.6 74.9 114.9
106 59.6 72.4 112.4#

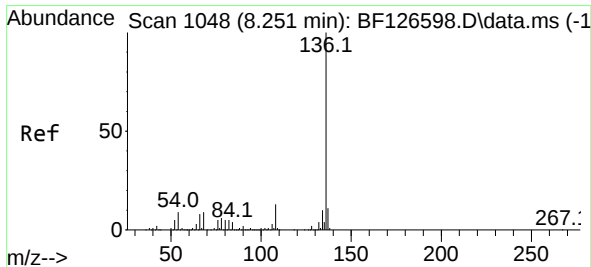
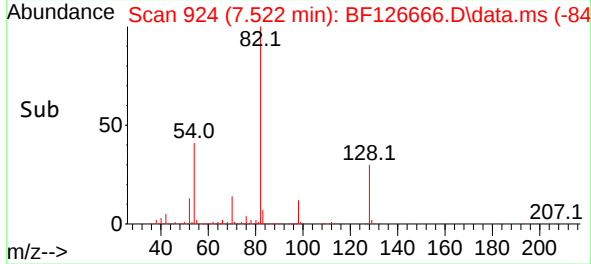
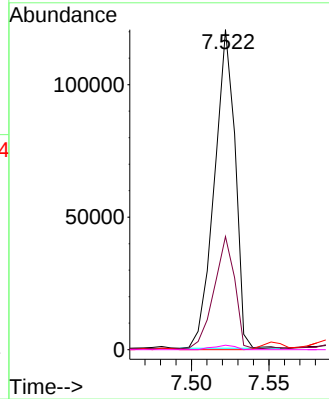
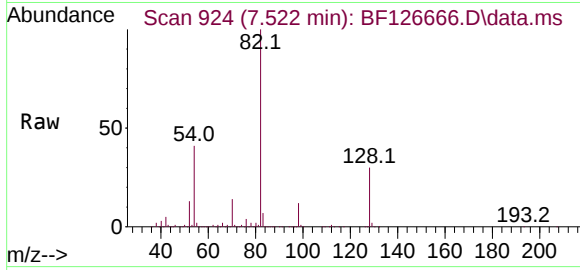




#19
n-Nitroso-di-n-propylamine
Concen: 7.597 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF126666.D
Acq: 25 Jan 2022 16:29

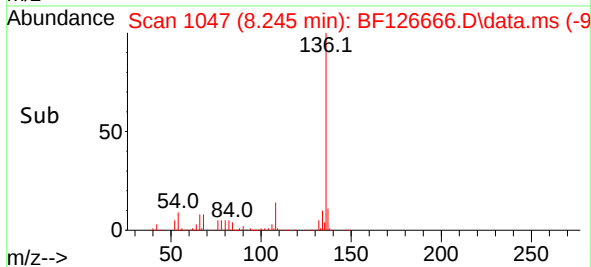
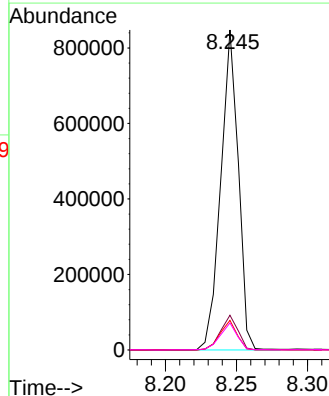
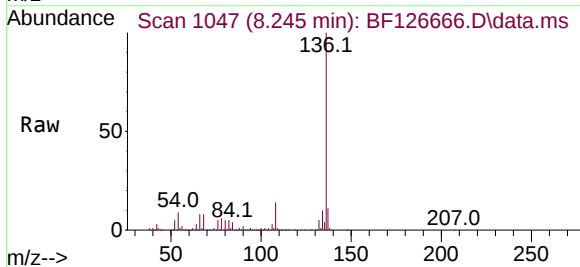
Instrument :
BNA_F
ClientSampleId :
1245-N43502

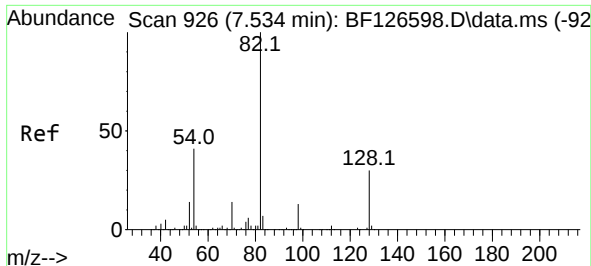
Tgt Ion: 70 Resp: 111696
Ion Ratio Lower Upper
70 100
42 35.3 45.8 68.8#
101 0.0 6.9 10.3#
130 1.4 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126666.D
Acq: 25 Jan 2022 16:29

Tgt Ion: 136 Resp: 727221
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.2 7.8 11.6
68 8.5 6.3 9.5

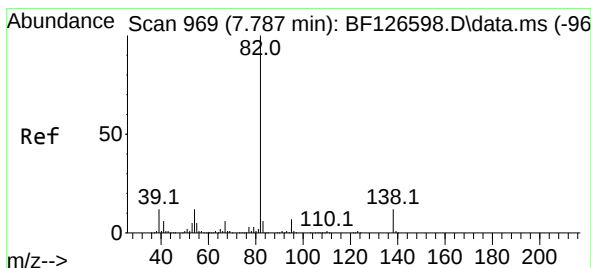
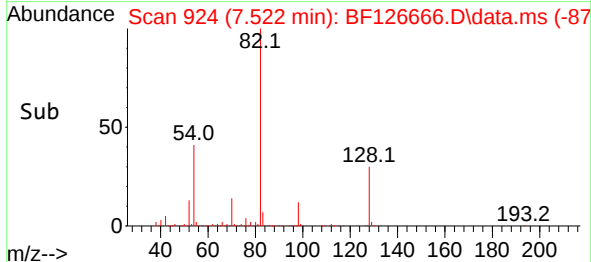
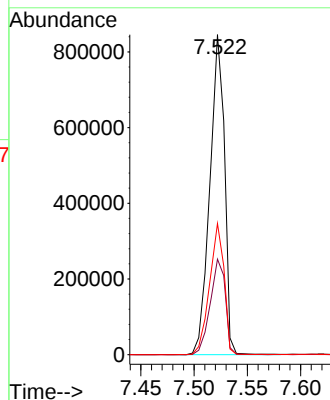
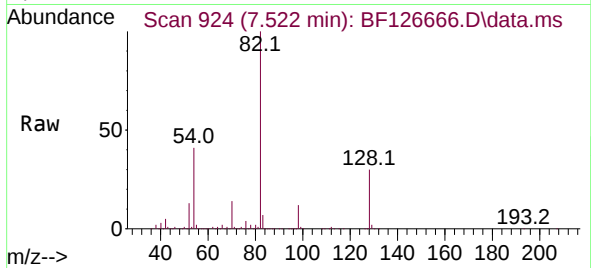




#23
Nitrobenzene-d5
Concen: 43.760 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126666.D
Acq: 25 Jan 2022 16:29

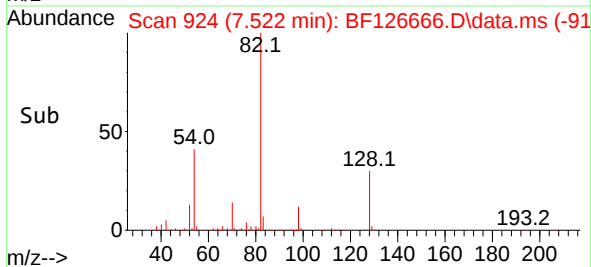
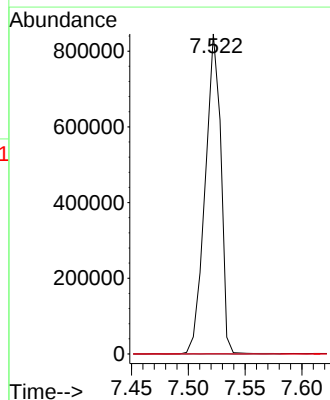
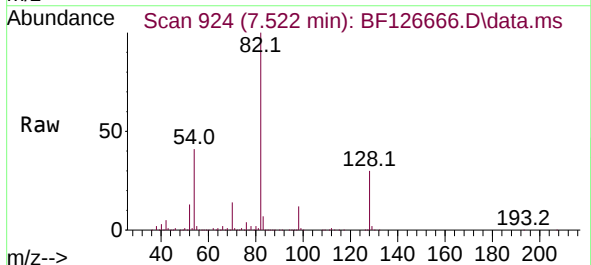
Instrument :
BNA_F
ClientSampleId :
1245-N43502

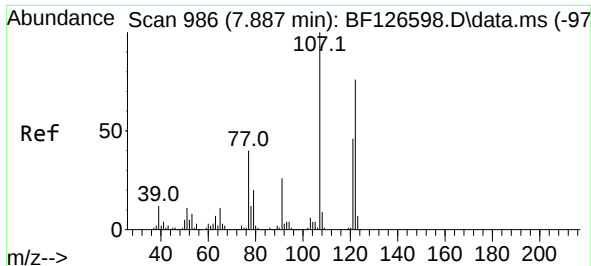
Tgt Ion: 82 Resp: 813034
Ion Ratio Lower Upper
82 100
128 29.8 32.7 49.1#
54 41.0 41.7 62.5#



#25
Isophorone
Concen: 22.564 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.265 min
Lab File: BF126666.D
Acq: 25 Jan 2022 16:29

Tgt Ion: 82 Resp: 813024
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#





#27

2,4-Dimethylphenol

Concen: 7.544 ng

RT: 7.969 min Scan# 1000

Delta R.T. 0.082 min

Lab File: BF126666.D

Acq: 25 Jan 2022 16:29

Instrument :

BNA_F

ClientSampleId :

1245-N43502

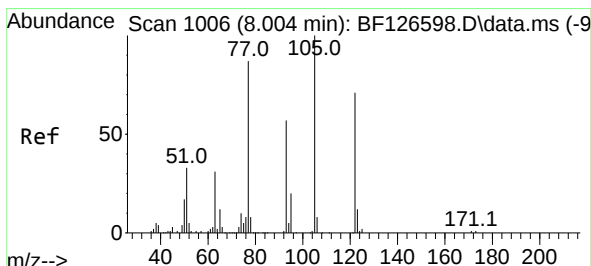
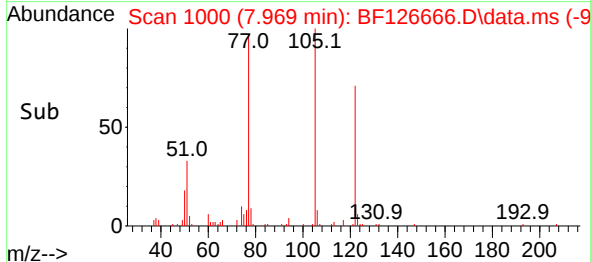
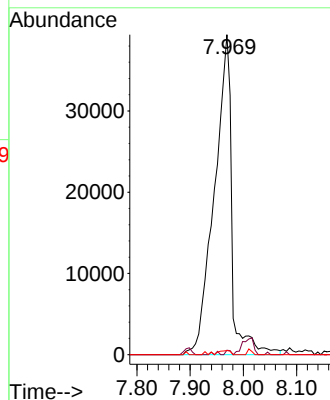
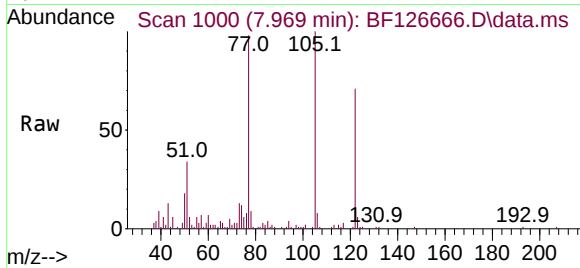
Tgt Ion:122 Resp: 89579

Ion Ratio Lower Upper

122 100

107 1.4 91.2 136.8#

121 1.3 44.4 66.6#



#32

Benzoic acid

Concen: 13.300 ng

RT: 7.969 min Scan# 1000

Delta R.T. -0.035 min

Lab File: BF126666.D

Acq: 25 Jan 2022 16:29

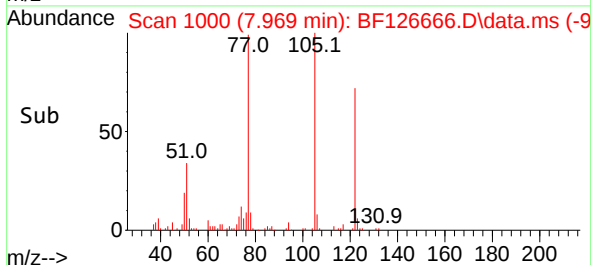
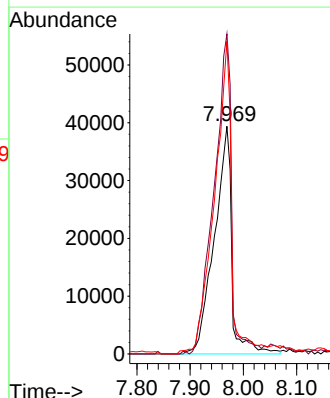
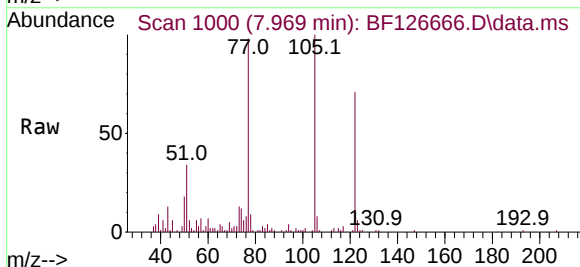
Tgt Ion:122 Resp: 89579

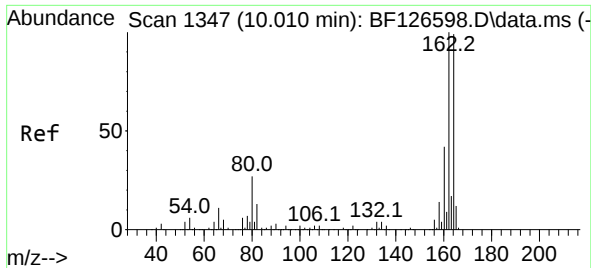
Ion Ratio Lower Upper

122 100

105 140.6 101.0 141.0

77 137.4 74.5 114.5#

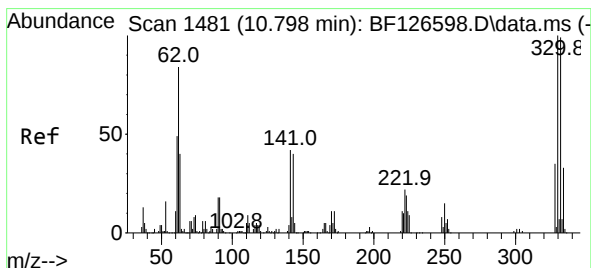
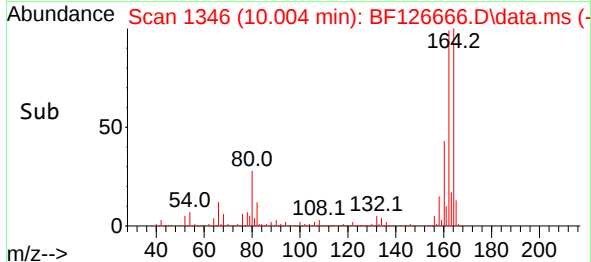
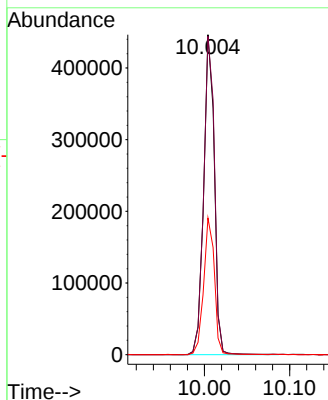
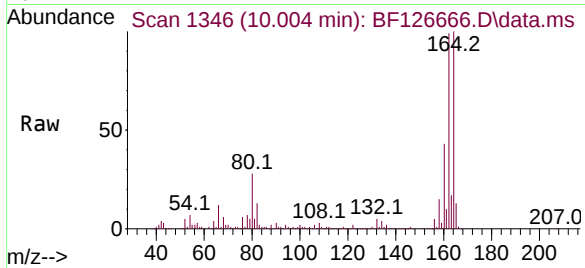




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126666.D
Acq: 25 Jan 2022 16:29

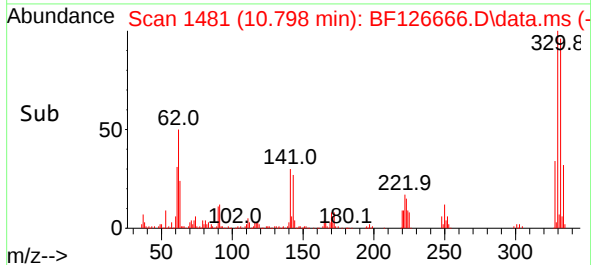
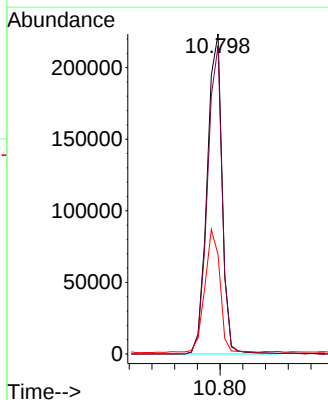
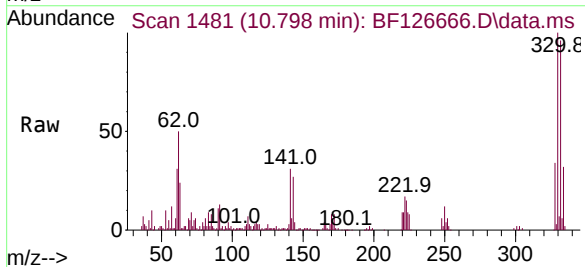
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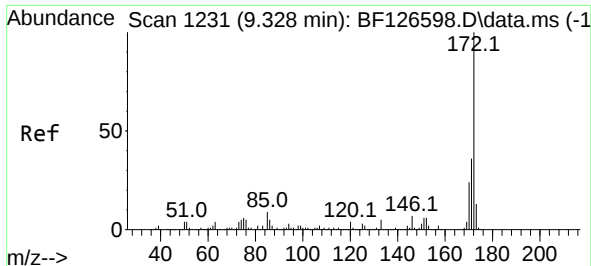
Tgt Ion:164 Resp: 386291
Ion Ratio Lower Upper
164 100
162 99.5 81.4 122.0
160 42.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 56.580 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF126666.D
Acq: 25 Jan 2022 16:29

Tgt Ion:330 Resp: 204541
Ion Ratio Lower Upper
330 100
332 94.8 76.0 114.0
141 38.8 30.1 45.1

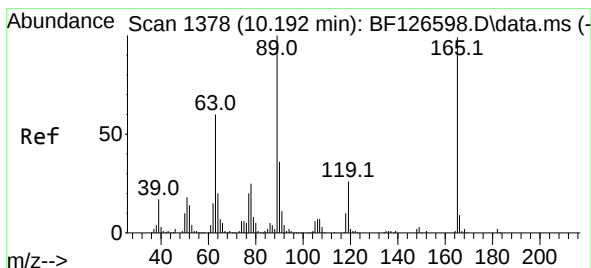
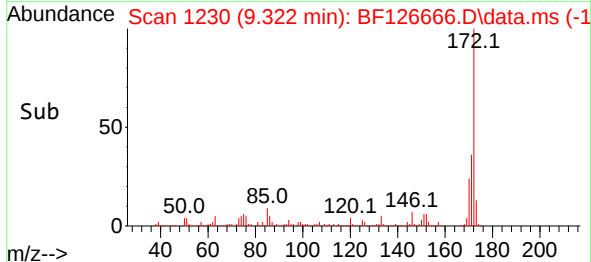
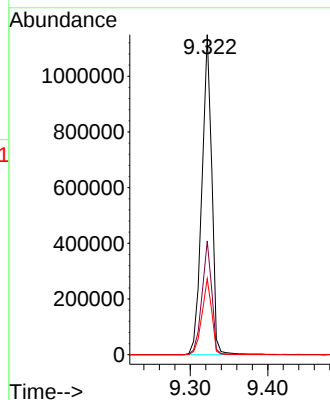
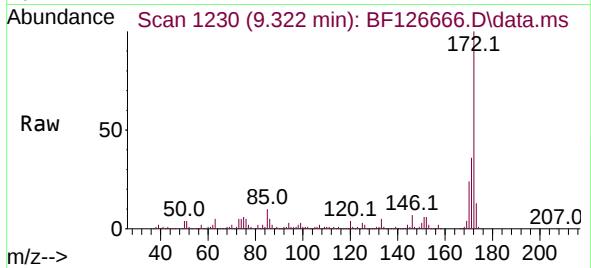




#45
2-Fluorobiphenyl
Concen: 40.475 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126666.D
Acq: 25 Jan 2022 16:29

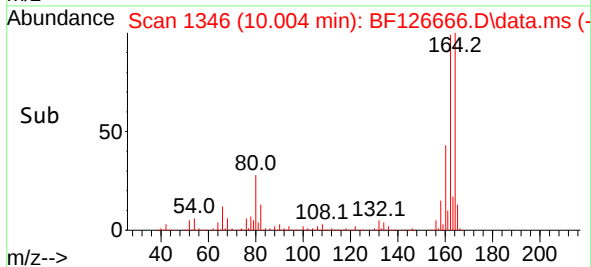
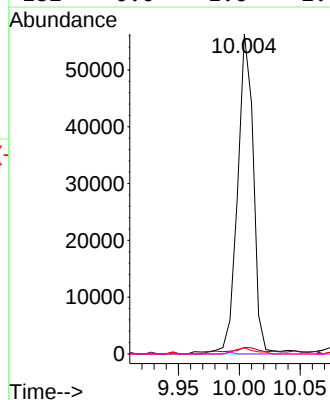
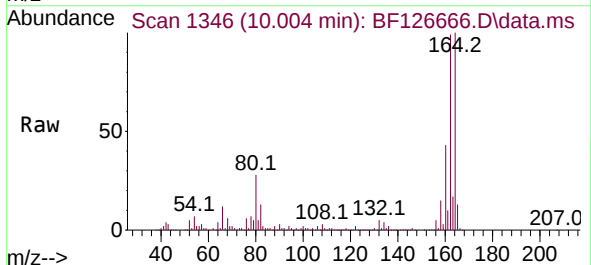
Instrument :
BNA_F
ClientSampleId :
1245-N43502

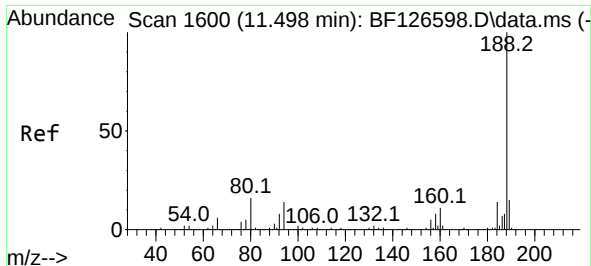
Tgt Ion:172 Resp: 1020900
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.7 19.0 28.6



#57
2,4-Dinitrotoluene
Concen: 8.918 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.188 min
Lab File: BF126666.D
Acq: 25 Jan 2022 16:29

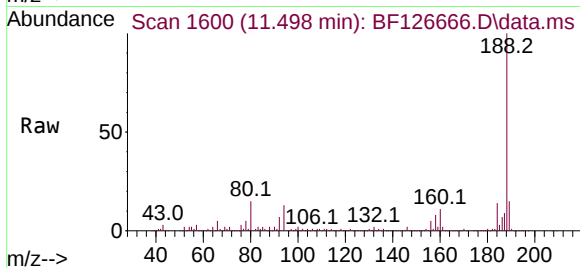
Tgt Ion:165 Resp: 51165
Ion Ratio Lower Upper
165 100
63 2.1 43.0 64.6#
89 1.9 71.0 106.4#
182 0.0 1.6 2.4#



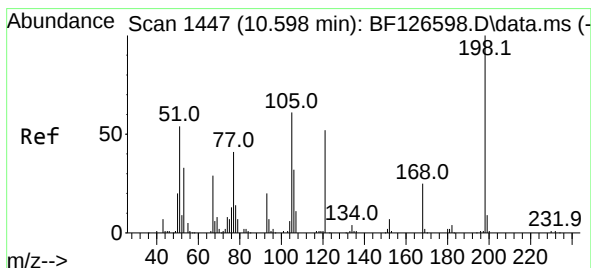
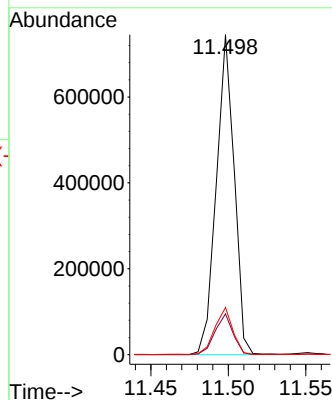
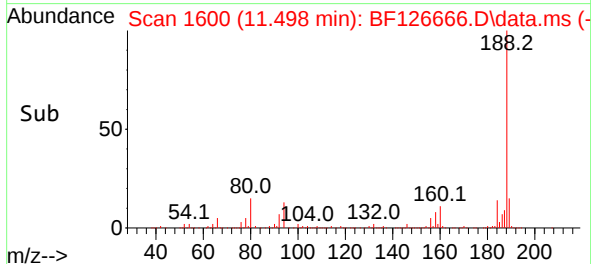


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF126666.D
Acq: 25 Jan 2022 16:29

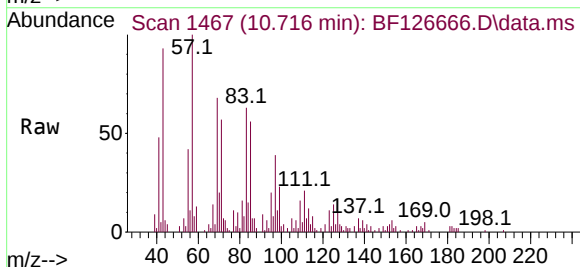
Instrument :
BNA_F
ClientSampleId :
1245-N43502



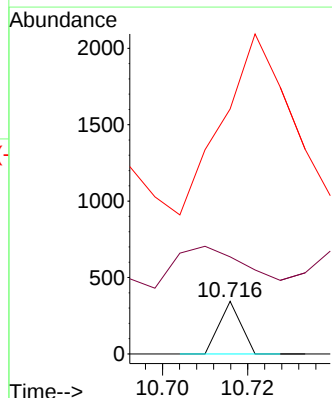
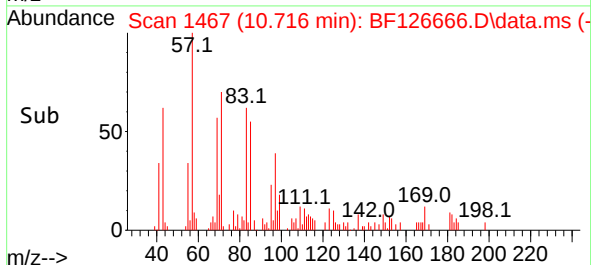
Tgt Ion:188 Resp: 599323
Ion Ratio Lower Upper
188 100
94 12.8 10.1 15.1
80 14.7 11.8 17.6

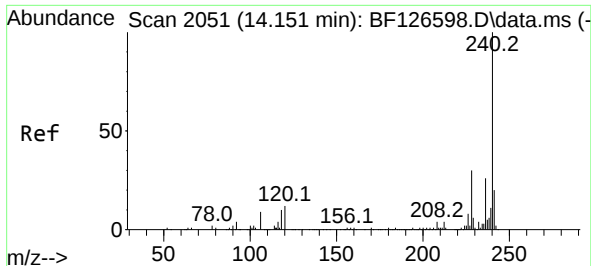


#65
4,6-Dinitro-2-methylphenol
Concen: 7.407 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.118 min
Lab File: BF126666.D
Acq: 25 Jan 2022 16:29



Tgt Ion:198 Resp: 121
Ion Ratio Lower Upper
198 100
51 184.6 32.0 72.0#
105 466.0 32.7 72.7#

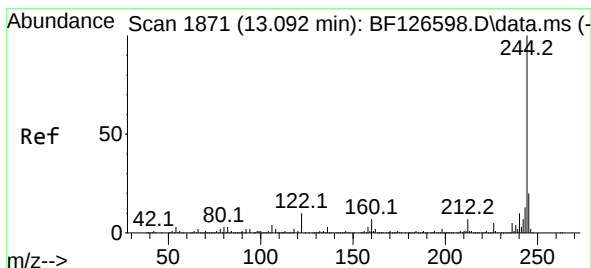
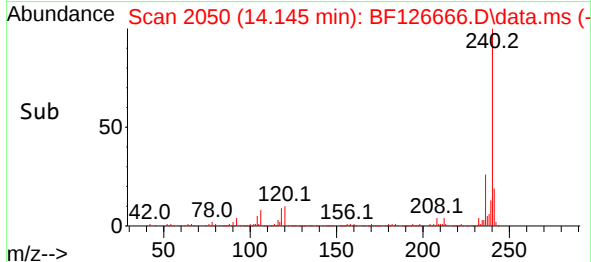
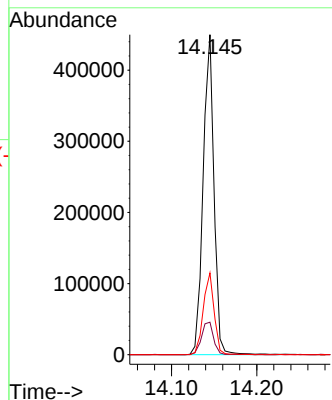
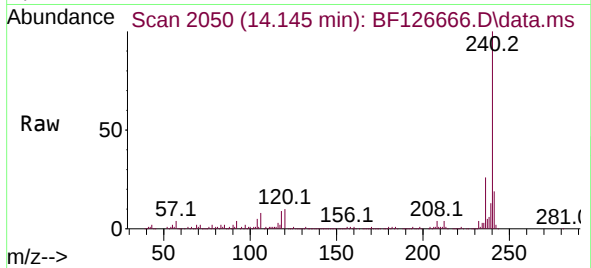




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126666.D
Acq: 25 Jan 2022 16:29

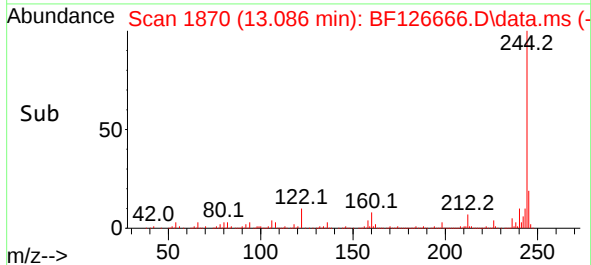
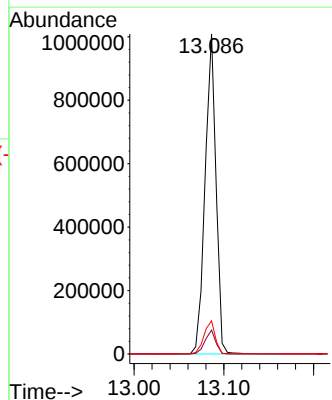
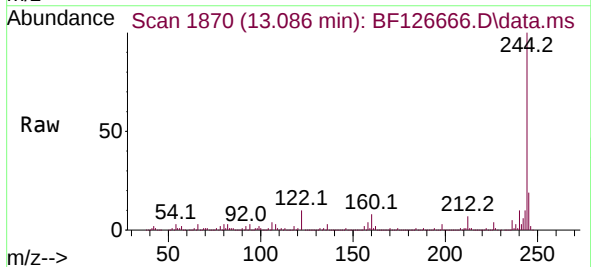
Instrument :
BNA_F
ClientSampleId :
1245-N43502

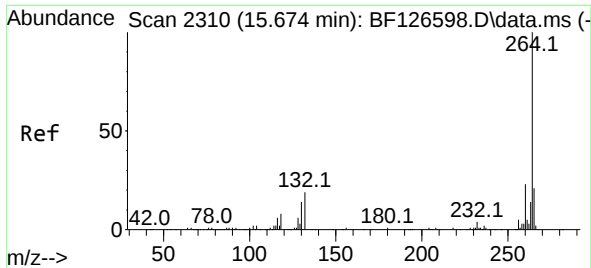
Tgt Ion:240 Resp: 397711
Ion Ratio Lower Upper
240 100
120 10.2 14.4 21.6#
236 25.5 20.5 30.7



#79
Terphenyl-d14
Concen: 35.863 ng
RT: 13.086 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BF126666.D
Acq: 25 Jan 2022 16:29

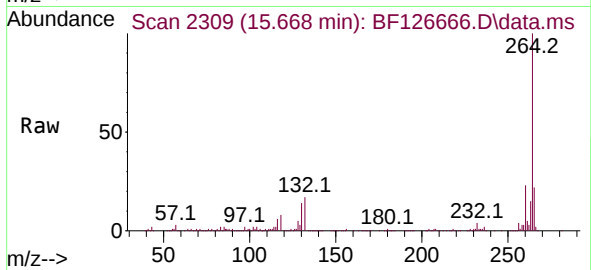
Tgt Ion:244 Resp: 850376
Ion Ratio Lower Upper
244 100
212 7.5 5.0 7.4#
122 10.4 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.668 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126666.D
 Acq: 25 Jan 2022 16:29

Instrument :
 BNA_F
 ClientSampleId :
 1245-N43502



Tgt Ion:264 Resp: 407122
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.5 17.4 26.2

