

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
 Data File : BF126749.D
 Acq On : 31 Jan 2022 14:25
 Operator : CG/JU
 Sample : N1303-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-9

Quant Time: Feb 01 02:40:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

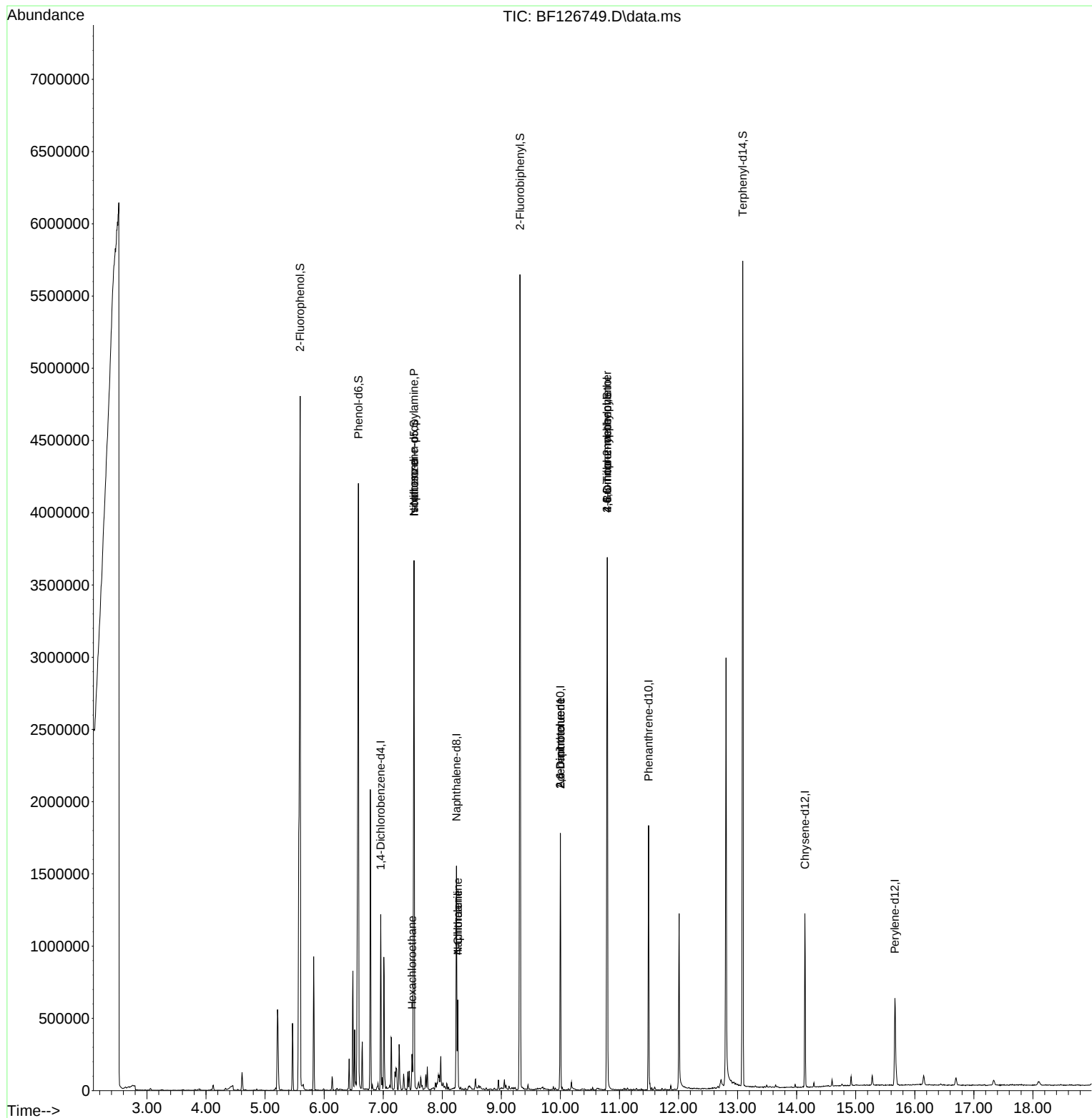
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	148551	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	592870	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	327508	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	564669	20.000	ng	0.00
76) Chrysene-d12	14.139	240	377620	20.000	ng	# 0.00
86) Perylene-d12	15.663	264	272378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1343014	118.967	ng	0.02
7) Phenol-d6	6.581	99	1695708	108.113	ng	0.00
23) Nitrobenzene-d5	7.522	82	1455038	96.061	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	476462	155.454	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1800780	84.208	ng	0.00
79) Terphenyl-d14	13.086	244	2113274	93.865	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	17881	Below Cal	#	1
18) Hexachloroethane	7.487	117	15688	3.347	ng	# 1
19) n-Nitroso-di-n-propyla...	7.522	70	196570	17.172	ng	# 68
25) Isophorone	7.522	82	1449630	49.349	ng	# 69
31) Naphthalene	8.263	128	249890	7.802	ng	# 99
33) 4-Chloroaniline	8.263	127	30925	2.417	ng	# 32
51) 2,6-Dinitrotoluene	9.998	165	41860	10.429	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	41860	8.606	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	984	7.680	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	30180	4.637	ng	# 1

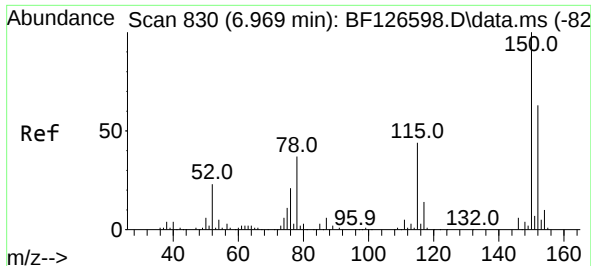
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
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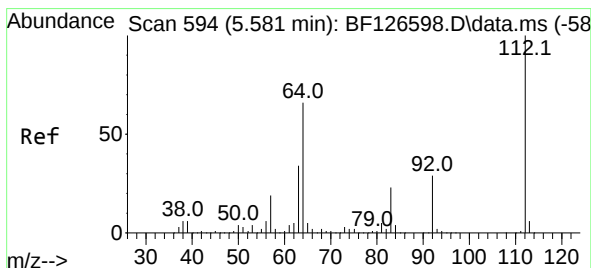
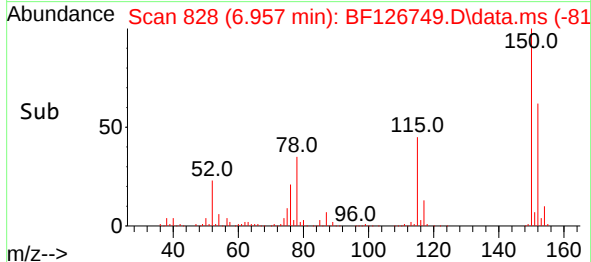
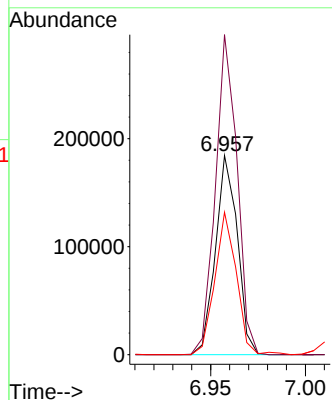
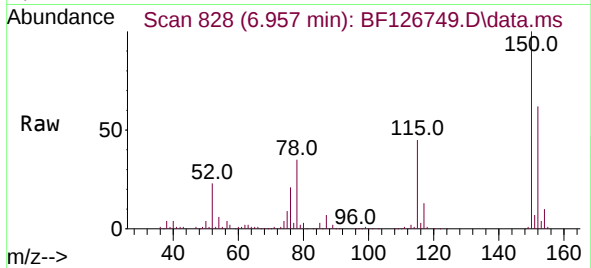




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126749.D
Acq: 31 Jan 2022 14:25

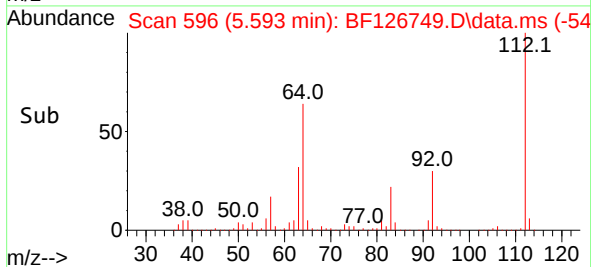
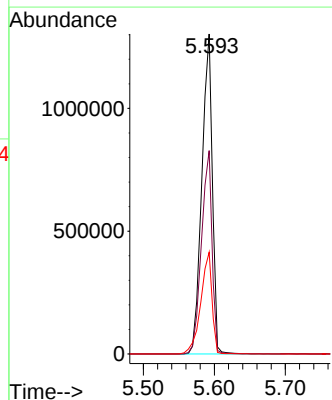
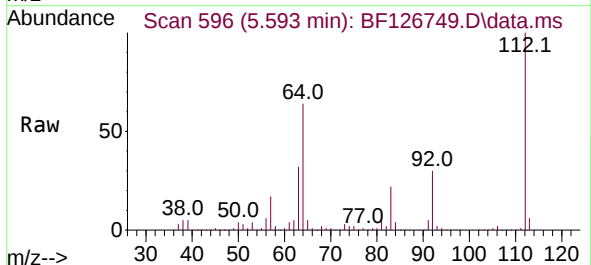
Instrument :
BNA_F
ClientSampleId :
CC-9

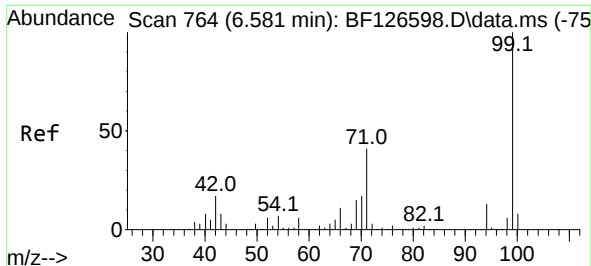
Tgt Ion:152 Resp: 148551
Ion Ratio Lower Upper
152 100
150 160.6 128.1 192.1
115 71.5 56.7 85.1



#5
2-Fluorophenol
Concen: 118.967 ng
RT: 5.593 min Scan# 596
Delta R.T. 0.024 min
Lab File: BF126749.D
Acq: 31 Jan 2022 14:25

Tgt Ion:112 Resp: 1343014
Ion Ratio Lower Upper
112 100
64 63.6 49.5 74.3
63 31.8 23.9 35.9

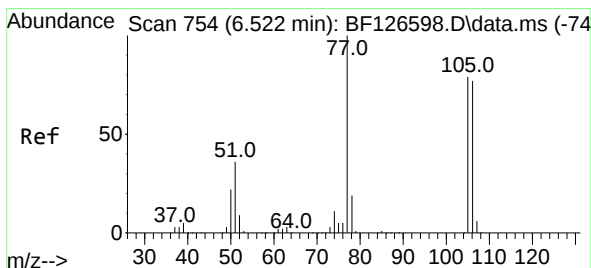
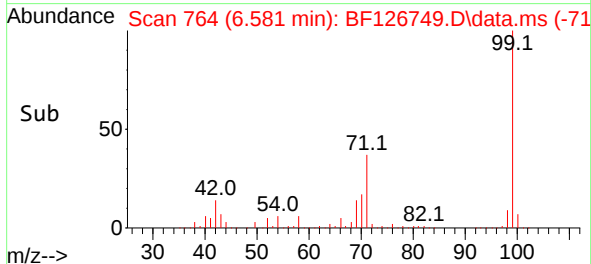
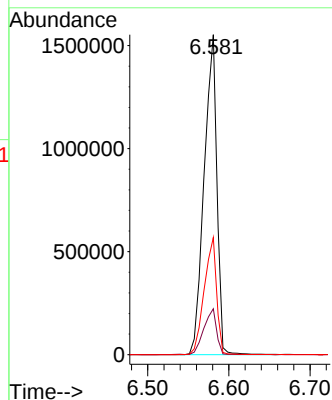
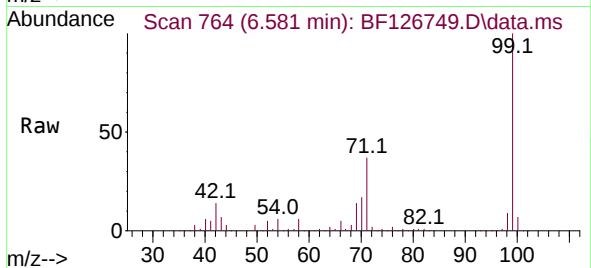




#7
Phenol-d6
Concen: 108.113 ng
RT: 6.581 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF126749.D
Acq: 31 Jan 2022 14:25

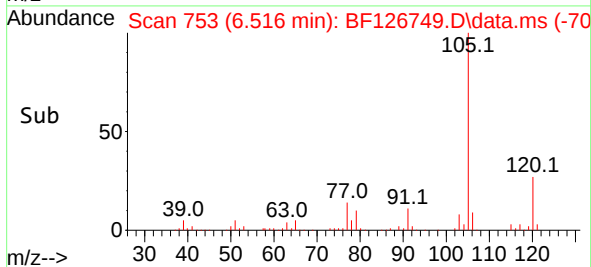
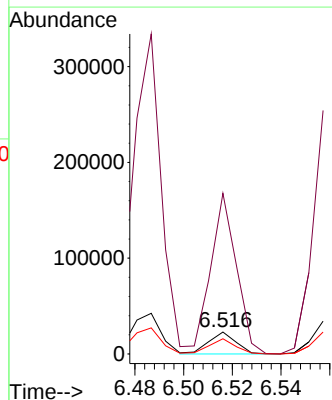
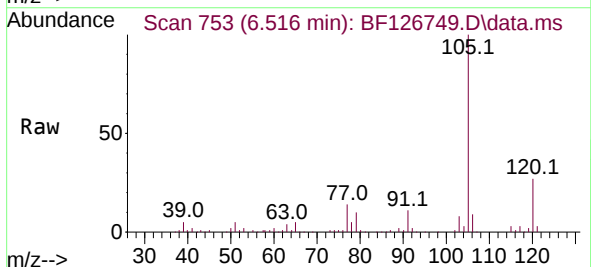
Instrument :
BNA_F
ClientSampleId :
CC-9

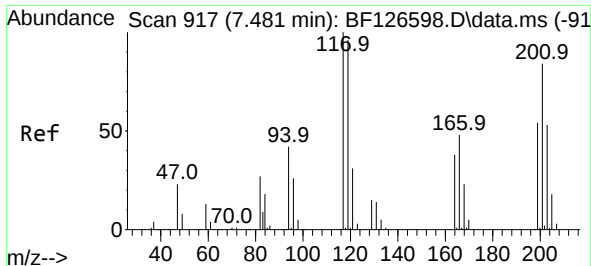
Tgt Ion: 99 Resp: 1695708
Ion Ratio Lower Upper
99 100
42 14.4 14.2 21.4
71 36.6 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF126749.D
Acq: 31 Jan 2022 14:25

Tgt Ion: 77 Resp: 17881
Ion Ratio Lower Upper
77 100
105 734.9 74.9 114.9#
106 69.7 72.4 112.4#

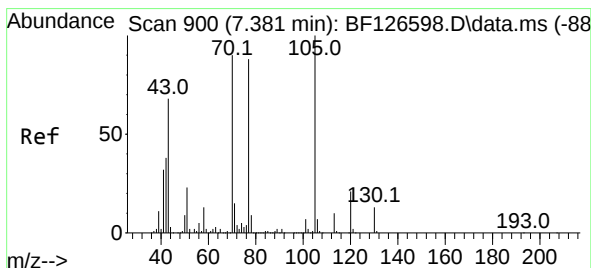
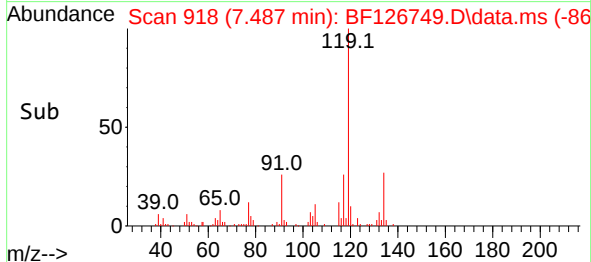
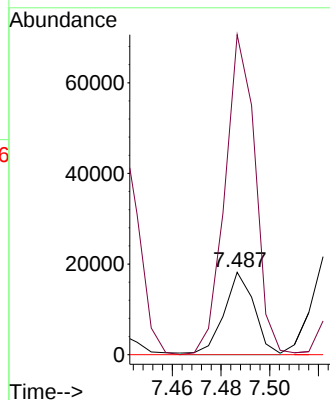
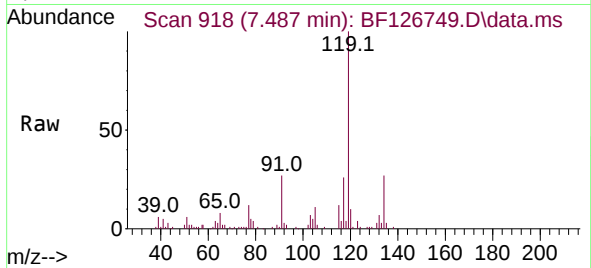




#18
Hexachloroethane
Concen: 3.347 ng
RT: 7.487 min Scan# 918
Delta R.T. 0.018 min
Lab File: BF126749.D
Acq: 31 Jan 2022 14:25

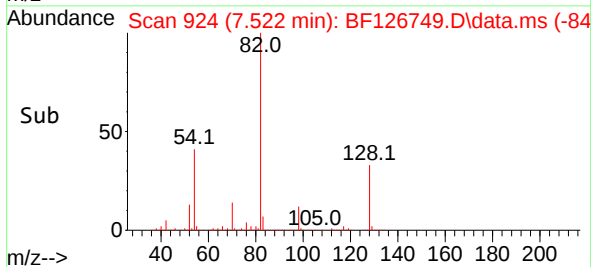
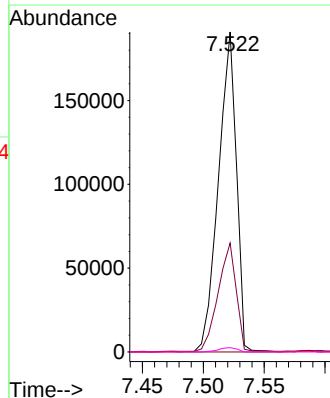
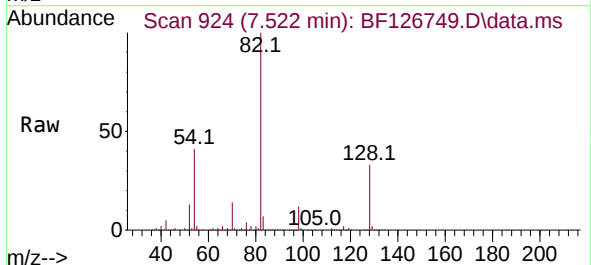
Instrument :
BNA_F
ClientSampleId :
CC-9

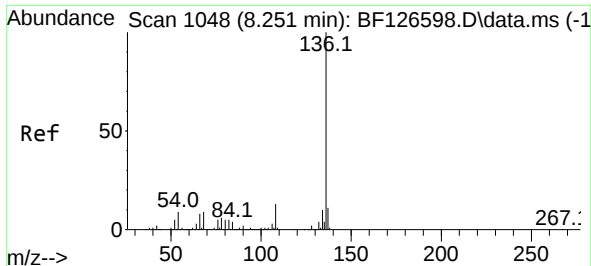
Tgt Ion:117 Resp: 15688
Ion Ratio Lower Upper
117 100
119 388.3 75.4 113.0#
201 0.0 56.8 85.2#



#19
n-Nitroso-di-n-propylamine
Concen: 17.172 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.153 min
Lab File: BF126749.D
Acq: 31 Jan 2022 14:25

Tgt Ion: 70 Resp: 196570
Ion Ratio Lower Upper
70 100
42 34.1 45.8 68.8#
101 0.0 6.9 10.3#
130 1.4 14.4 21.6#

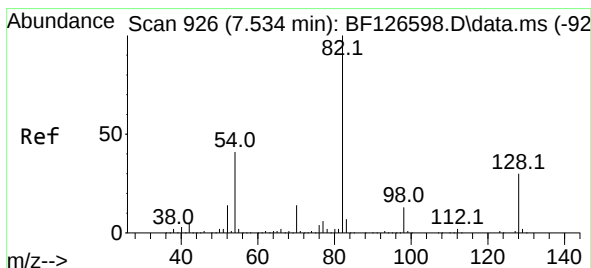
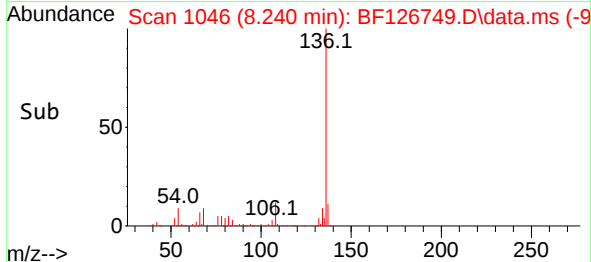
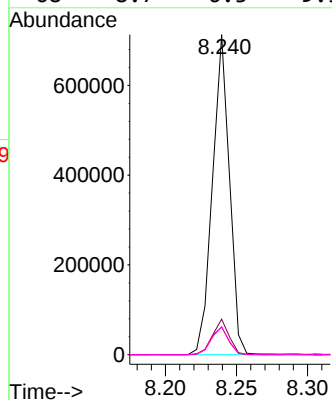
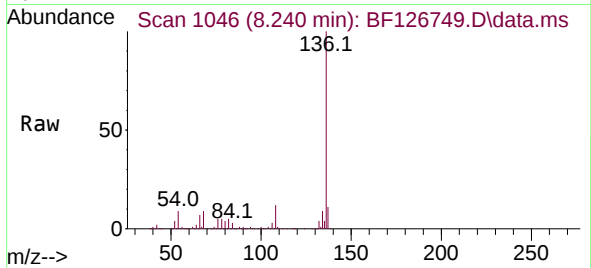




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1048
Delta R.T. 0.000 min
Lab File: BF126749.D
Acq: 31 Jan 2022 14:25

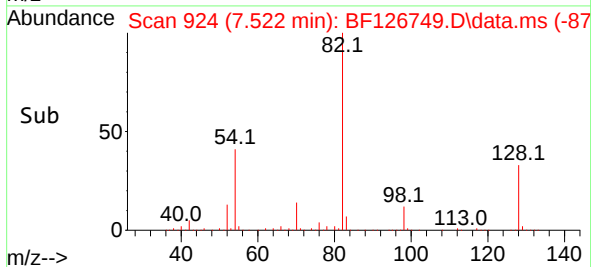
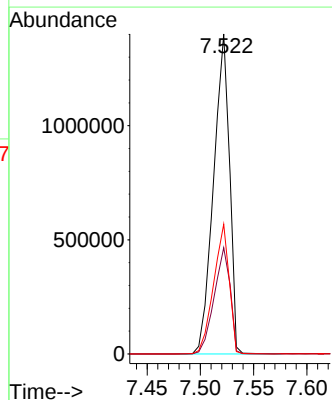
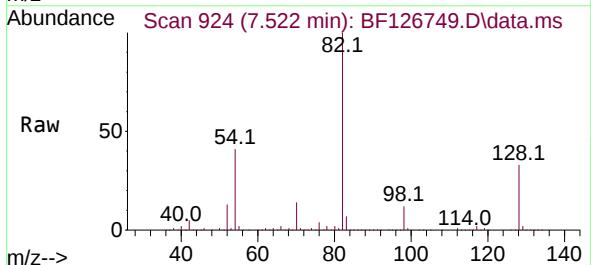
Instrument :
BNA_F
ClientSampleId :
CC-9

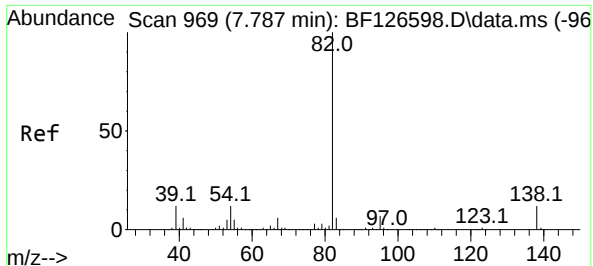
Tgt Ion:	136	Resp:	592870
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.7	7.8	11.6
68	8.7	6.3	9.5



#23
Nitrobenzene-d5
Concen: 96.061 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.000 min
Lab File: BF126749.D
Acq: 31 Jan 2022 14:25

Tgt Ion:	82	Resp:	1455038
Ion	Ratio	Lower	Upper
82	100		
128	33.2	32.7	49.1
54	40.5	41.7	62.5

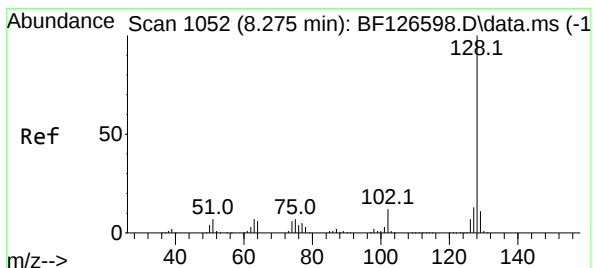
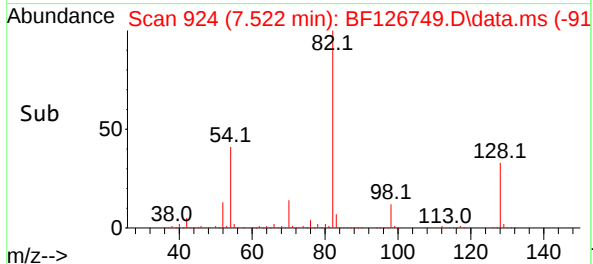
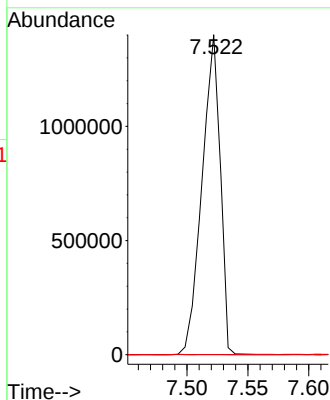
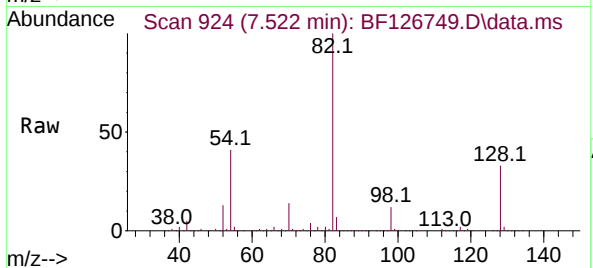




#25
Isophorone
Concen: 49.349 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF126749.D
Acq: 31 Jan 2022 14:25

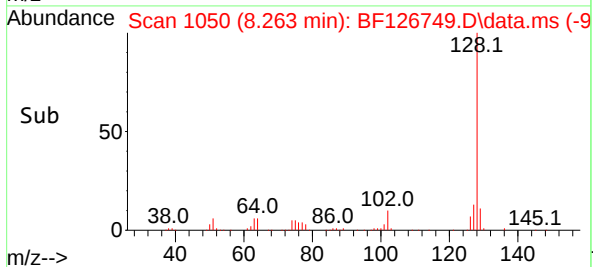
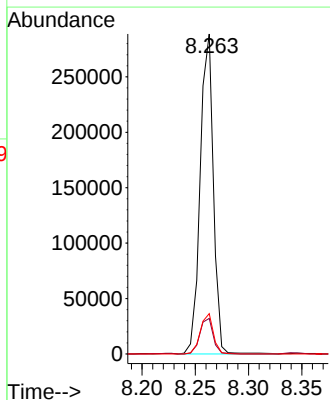
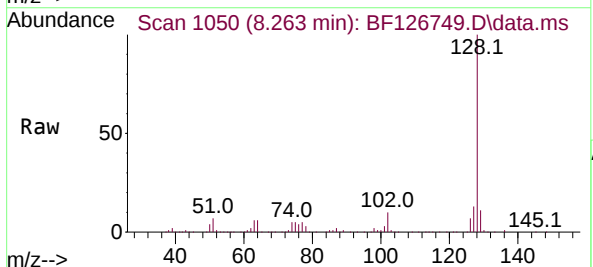
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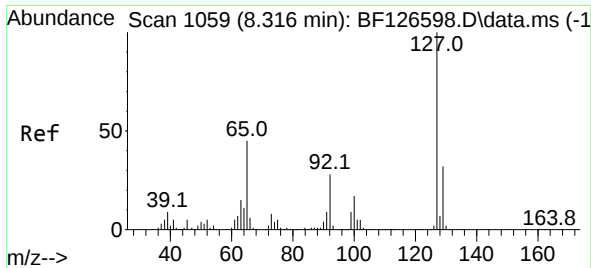
Tgt Ion: 82 Resp: 1449630
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#31
Naphthalene
Concen: 7.802 ng
RT: 8.263 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BF126749.D
Acq: 31 Jan 2022 14:25

Tgt Ion:128 Resp: 249890
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.6 10.3 15.5

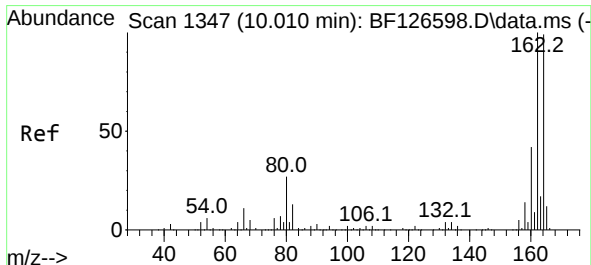
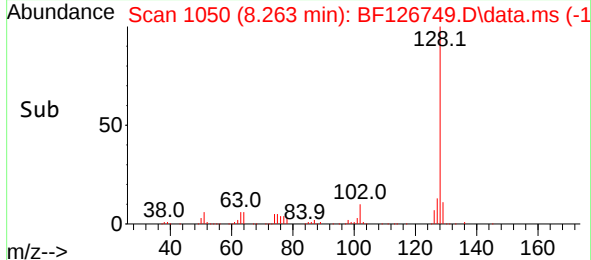
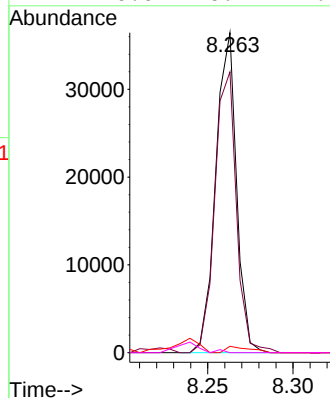
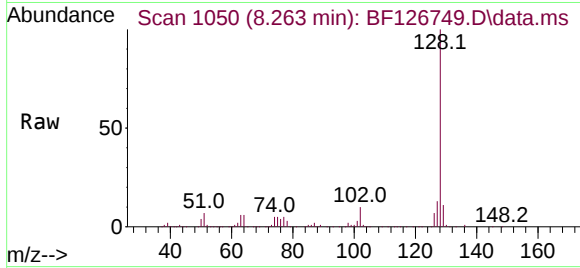




#33
4-Chloroaniline
Concen: 2.417 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.047 min
Lab File: BF126749.D
Acq: 31 Jan 2022 14:25

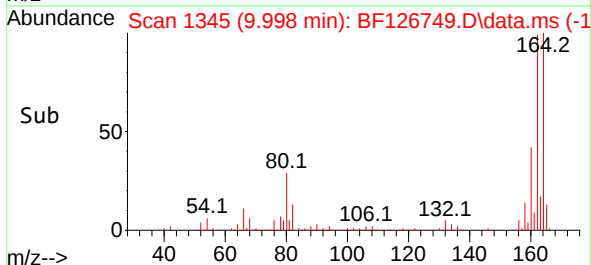
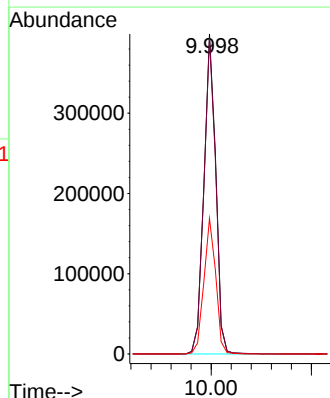
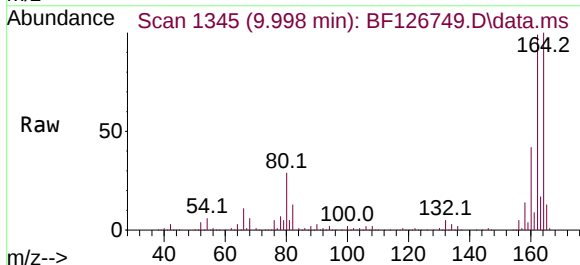
Instrument :
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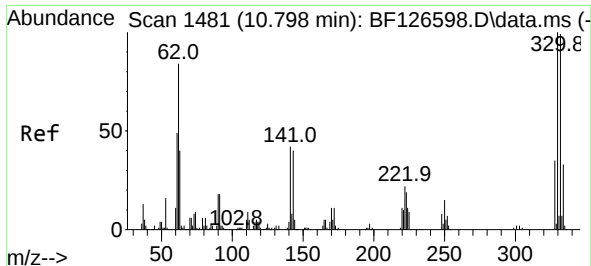
Tgt Ion:127	Resp:	30925
Ion Ratio	Lower	Upper
127	100	
129	87.8	26.5 39.7#
65	2.0	26.6 39.8#
92	0.0	16.1 24.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF126749.D
Acq: 31 Jan 2022 14:25

Tgt Ion:164	Resp:	327508
Ion Ratio	Lower	Upper
164	100	
162	98.8	81.4 122.0
160	42.4	36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 155.454 ng

RT: 10.792 min Scan# 1481

Delta R.T. 0.000 min

Lab File: BF126749.D

Acq: 31 Jan 2022 14:25

Instrument :

BNA_F

ClientSampleId :

CC-9

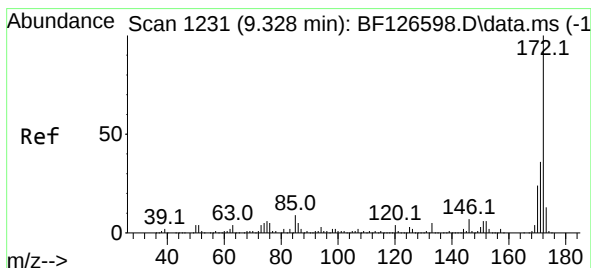
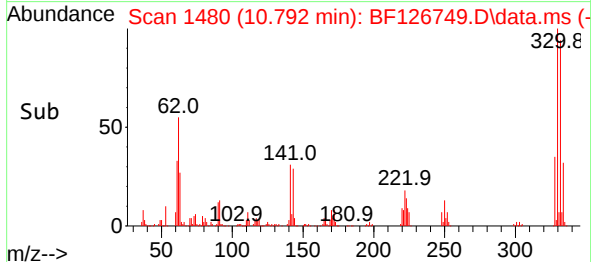
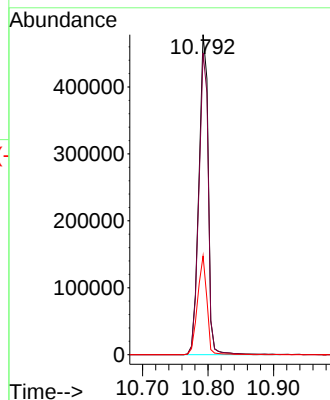
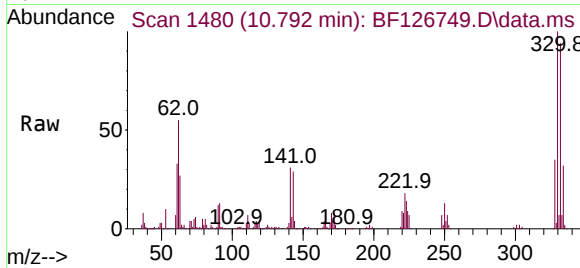
Tgt Ion:330 Resp: 476462

Ion Ratio Lower Upper

330 100

332 95.2 76.0 114.0

141 30.6 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 84.208 ng

RT: 9.316 min Scan# 1229

Delta R.T. 0.000 min

Lab File: BF126749.D

Acq: 31 Jan 2022 14:25

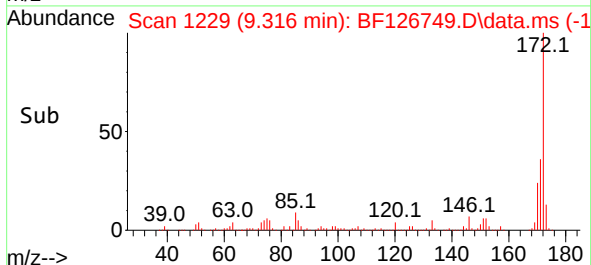
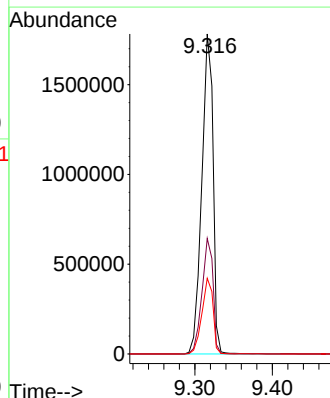
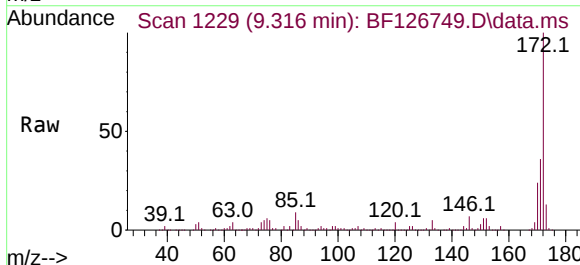
Tgt Ion:172 Resp: 1800780

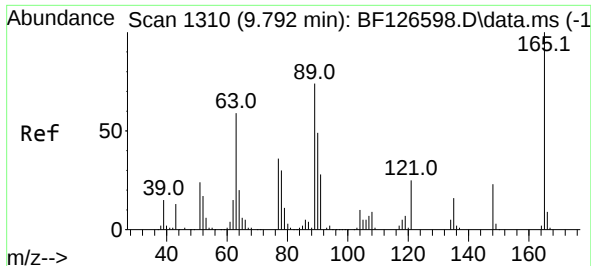
Ion Ratio Lower Upper

172 100

171 36.1 28.3 42.5

170 23.7 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 10.429 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.218 min

Lab File: BF126749.D

Acq: 31 Jan 2022 14:25

Instrument :

BNA_F

ClientSampleId :

CC-9

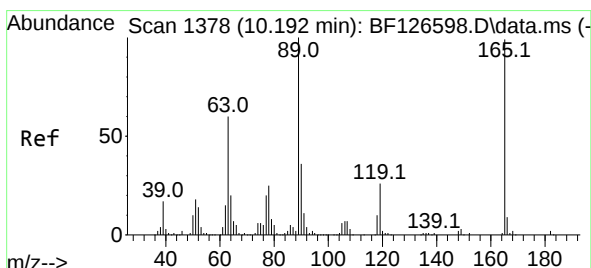
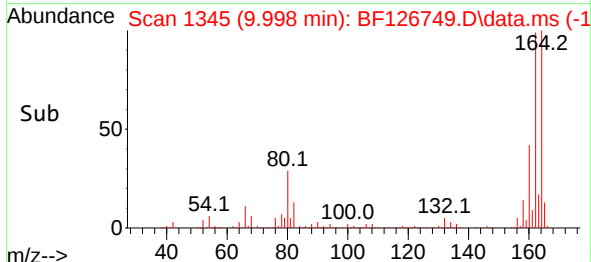
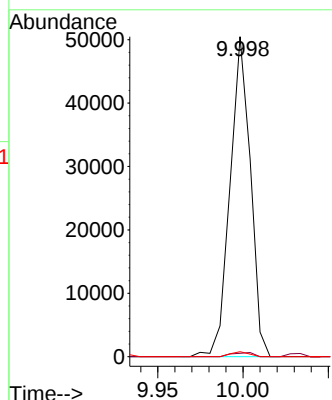
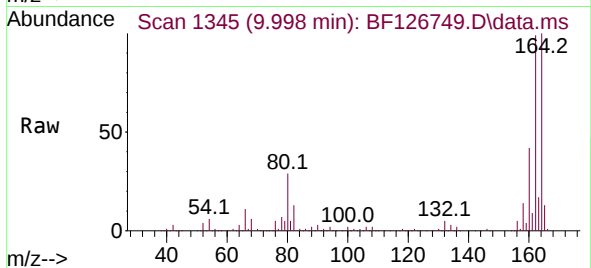
Tgt Ion:165 Resp: 41860

Ion Ratio Lower Upper

165 100

63 1.1 48.4 72.6#

89 1.6 50.5 75.7#



#57

2,4-Dinitrotoluene

Concen: 8.606 ng

RT: 9.998 min Scan# 1345

Delta R.T. -0.188 min

Lab File: BF126749.D

Acq: 31 Jan 2022 14:25

Tgt Ion:165 Resp: 41860

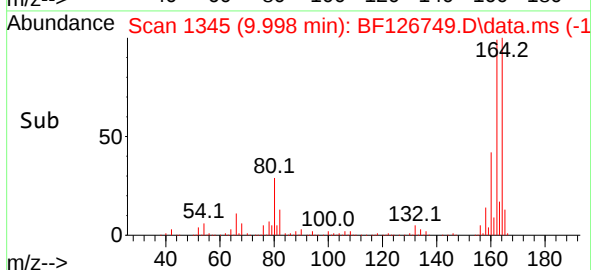
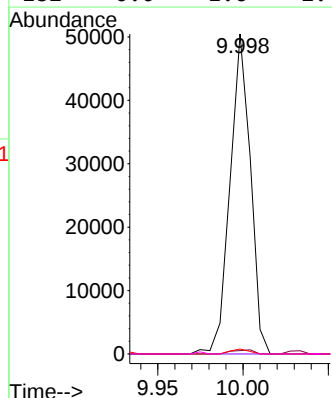
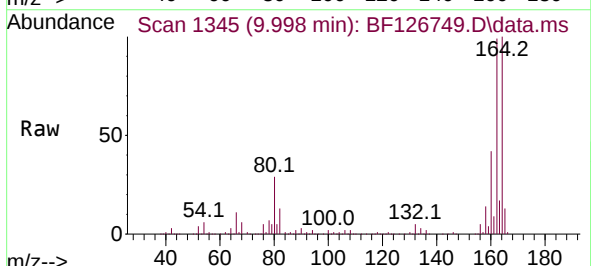
Ion Ratio Lower Upper

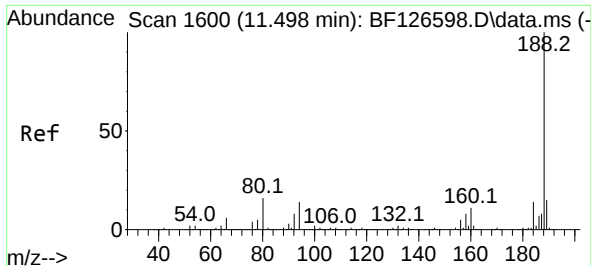
165 100

63 1.1 43.0 64.6#

89 1.6 71.0 106.4#

182 0.0 1.6 2.4#

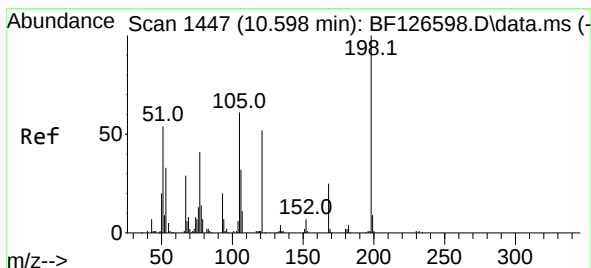
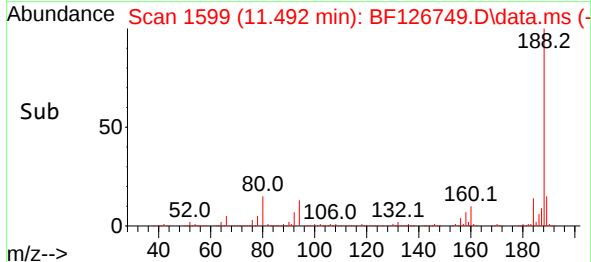
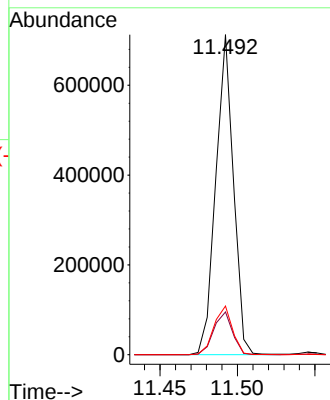
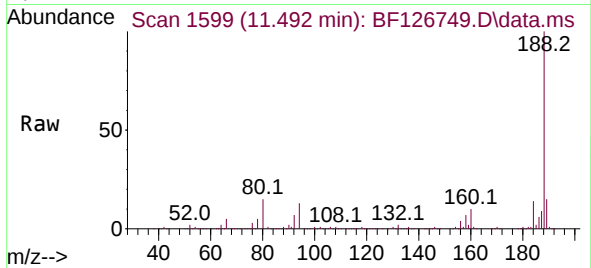




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126749.D
Acq: 31 Jan 2022 14:25

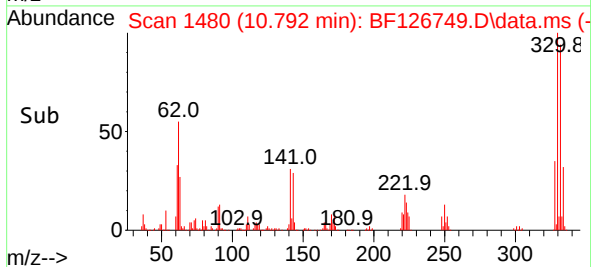
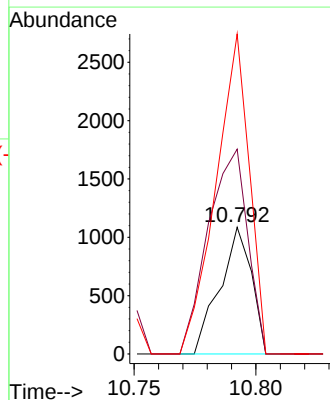
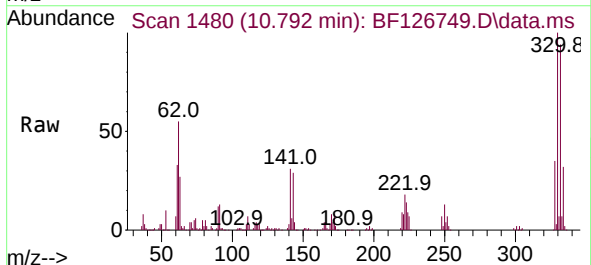
Instrument :
BNA_F
ClientSampleId :
CC-9

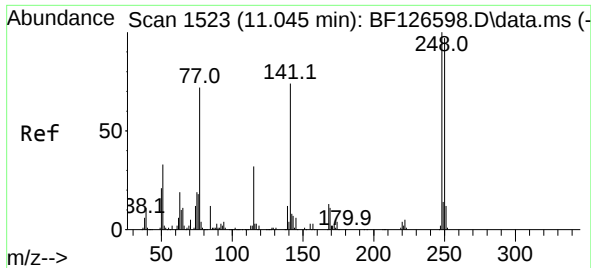
Tgt Ion:188 Resp: 564669
Ion Ratio Lower Upper
188 100
94 13.3 10.1 15.1
80 15.2 11.8 17.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.680 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.200 min
Lab File: BF126749.D
Acq: 31 Jan 2022 14:25

Tgt Ion:198 Resp: 984
Ion Ratio Lower Upper
198 100
51 161.6 32.0 72.0#
105 252.6 32.7 72.7#

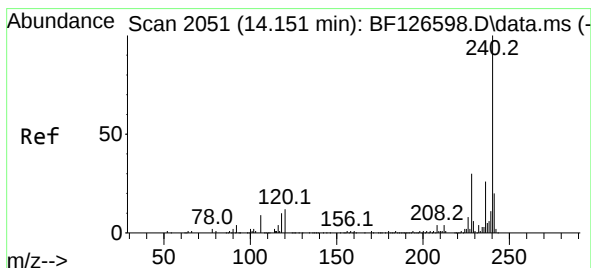
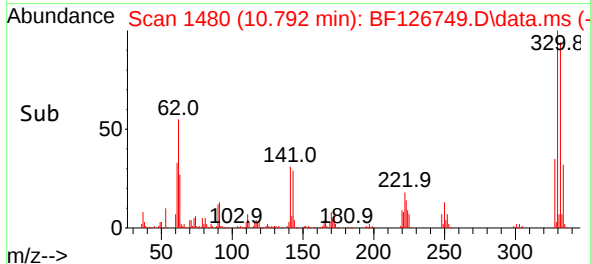
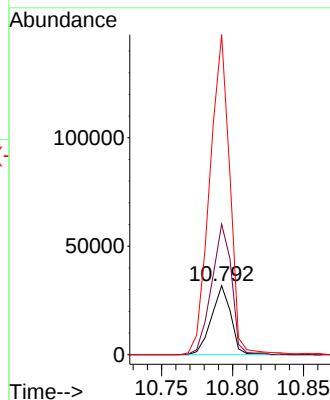
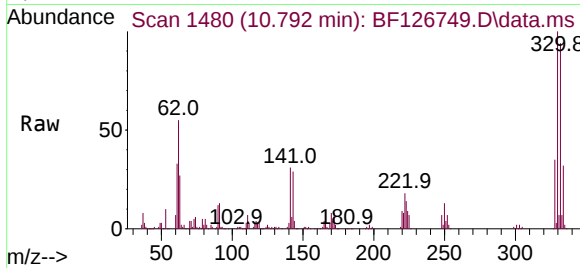




#67
4-Bromophenyl-phenylether
Concen: 4.637 ng
RT: 10.792 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF126749.D
Acq: 31 Jan 2022 14:25

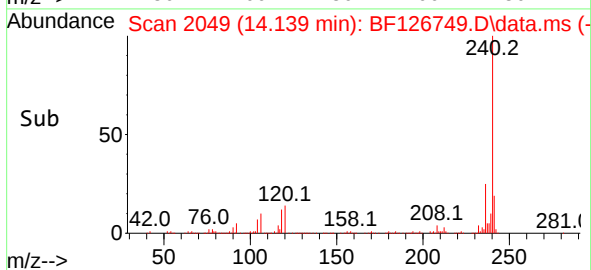
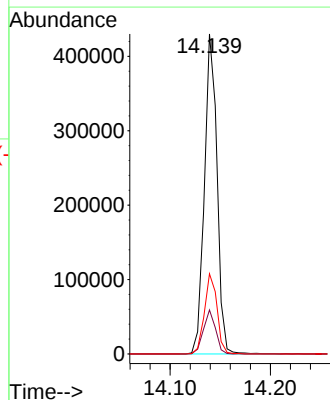
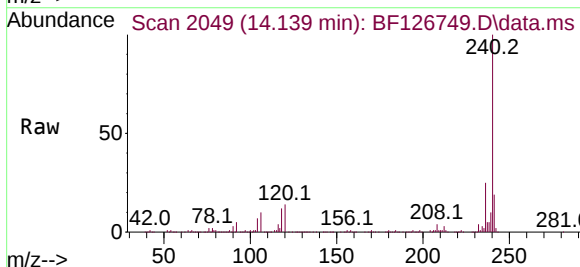
Instrument :
BNA_F
ClientSampleId :
CC-9

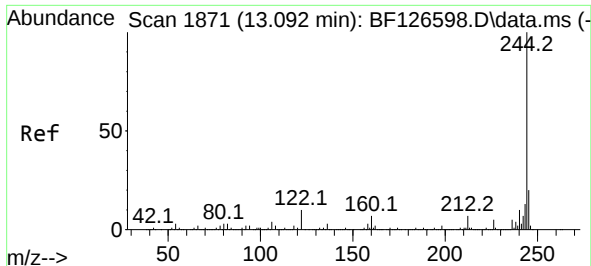
Tgt Ion:248 Resp: 30180
Ion Ratio Lower Upper
248 100
250 189.5 76.2 114.4#
141 464.5 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF126749.D
Acq: 31 Jan 2022 14:25

Tgt Ion:240 Resp: 377620
Ion Ratio Lower Upper
240 100
120 13.8 14.4 21.6#
236 25.1 20.5 30.7

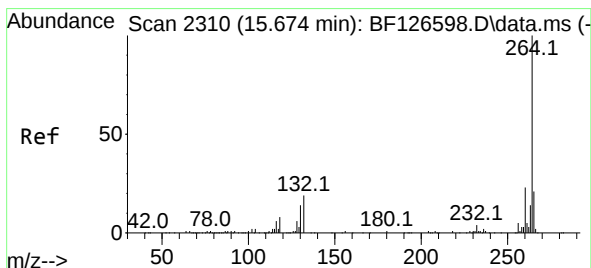
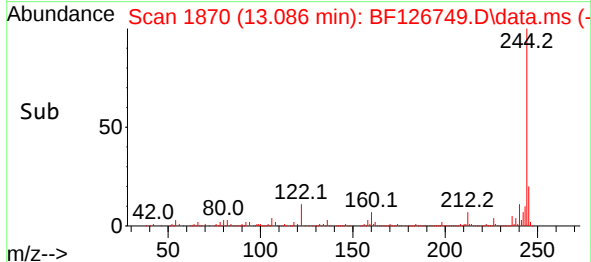
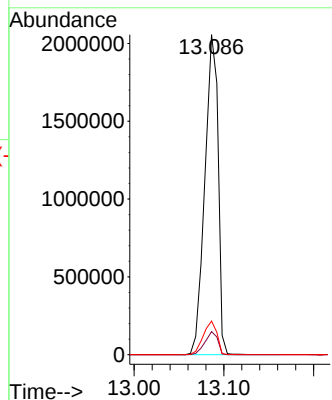
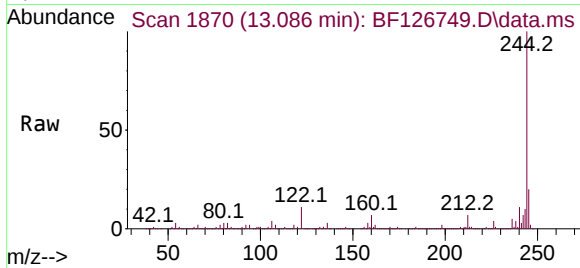




#79
 Terphenyl-d14
 Concen: 93.865 ng
 RT: 13.086 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF126749.D
 Acq: 31 Jan 2022 14:25

Instrument :
 BNA_F
 ClientSampleId :
 CC-9

Tgt Ion:244 Resp: 2113274
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.0 7.4
 122 10.5 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.663 min Scan# 2308
 Delta R.T. 0.000 min
 Lab File: BF126749.D
 Acq: 31 Jan 2022 14:25

Tgt Ion:264 Resp: 272378
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.2 28.8
 265 20.2 17.4 26.2

