

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128534.D
 Acq On : 28 May 2022 03:31
 Operator : CG\JU
 Sample : N2924-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P024-SS009-0006-01

Quant Time: May 28 04:01:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

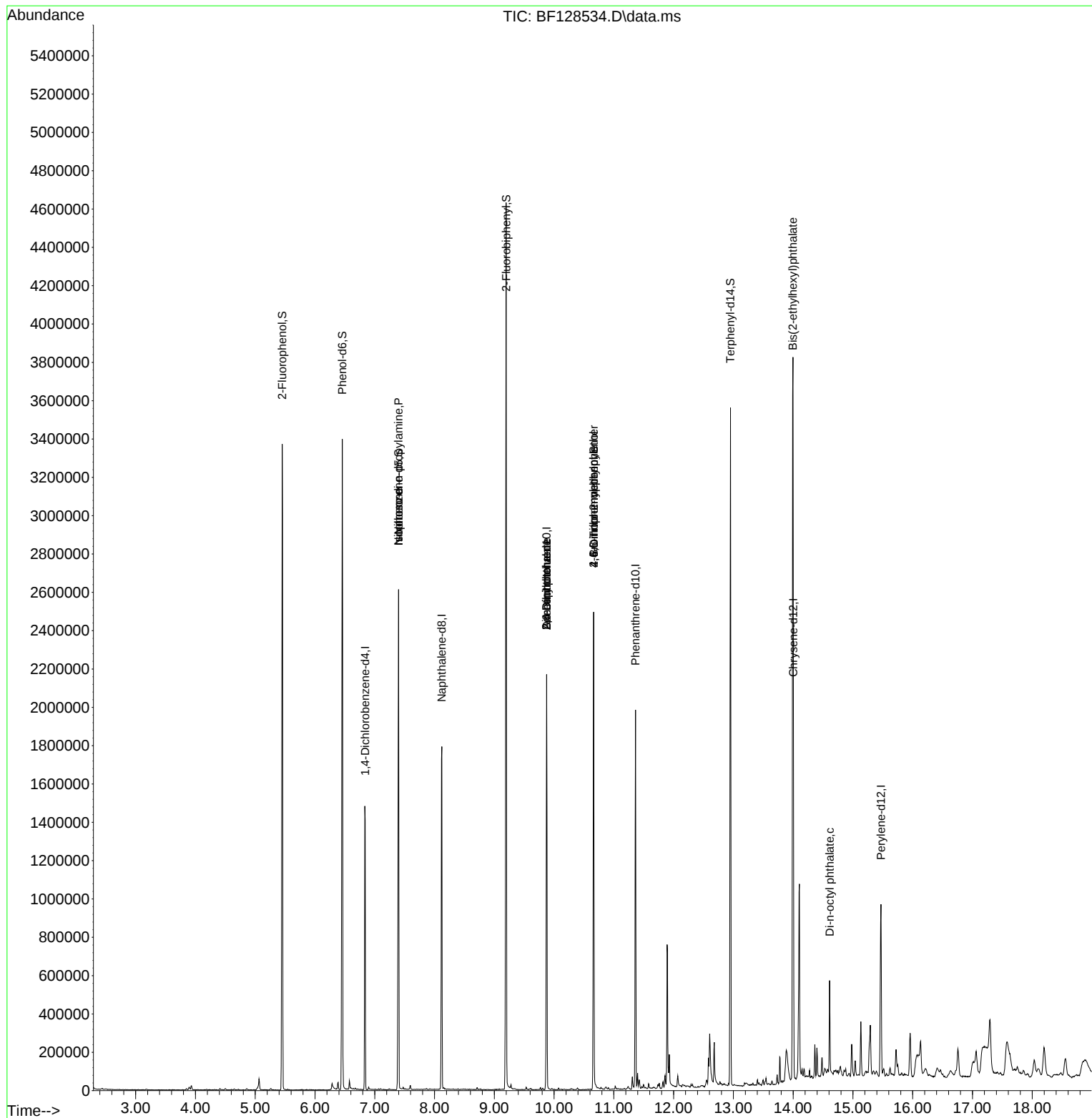
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	216647	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	804739	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	419289	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	676715	20.000	ng	0.00
76) Chrysene-d12	14.004	240	376676	20.000	ng	0.00
86) Perylene-d12	15.468	264	410631	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	917593	70.156	ng	0.00
7) Phenol-d6	6.457	99	1162668	69.719	ng	-0.01
23) Nitrobenzene-d5	7.398	82	776605	55.671	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	271236	67.963	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1411907	54.708	ng	0.00
79) Terphenyl-d14	12.951	244	1118714	57.378	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.387	77	6416	Below Cal		93
19) n-Nitroso-di-n-propyla...	7.398	70	107133	10.478 ng	#	78
25) Isophorone	7.398	82	770866	29.955 ng	#	65
50) Dimethylphthalate	9.875	163	73844	2.715 ng	#	1
51) 2,6-Dinitrotoluene	9.875	165	54739	10.982 ng	#	25
57) 2,4-Dinitrotoluene	9.875	165	54739	9.179 ng	#	21
65) 4,6-Dinitro-2-methylph...	10.663	198	594	5.670 ng	#	1
67) 4-Bromophenyl-phenylether	10.663	248	18331	2.622 ng	#	1
84) Bis(2-ethylhexyl)phtha...	13.992	149	931966	64.377 ng		99
85) Di-n-octyl phthalate	14.610	149	212246	8.329 ng	#	97

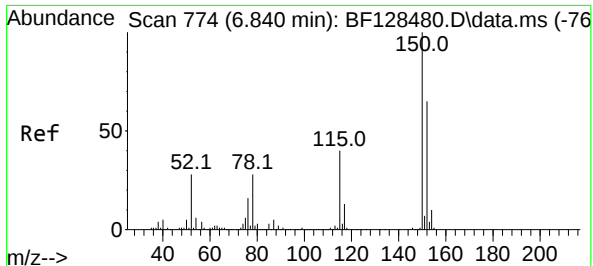
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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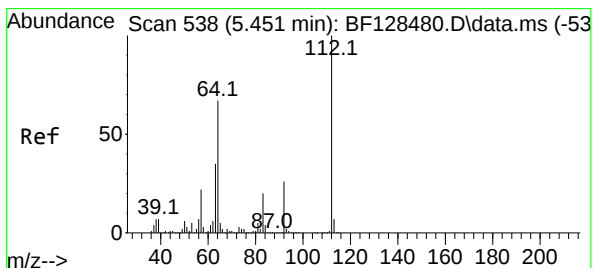
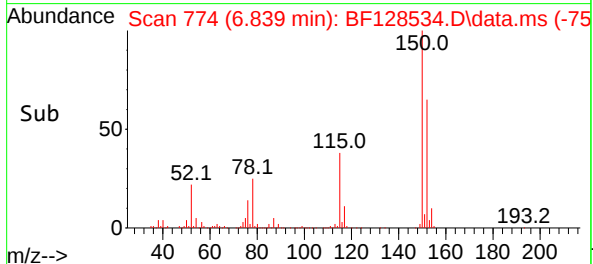
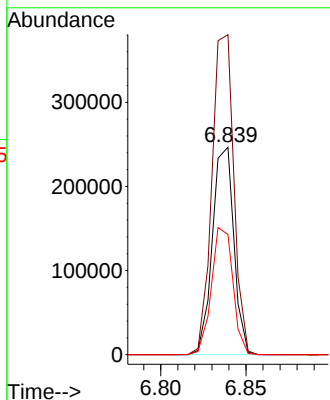
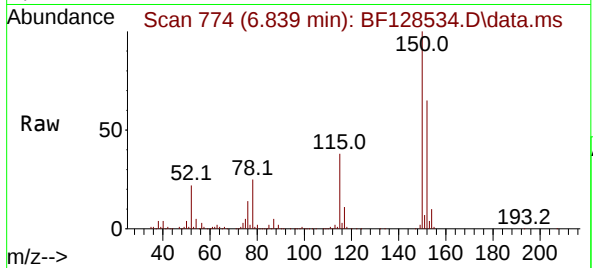




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128534.D
Acq: 28 May 2022 03:31

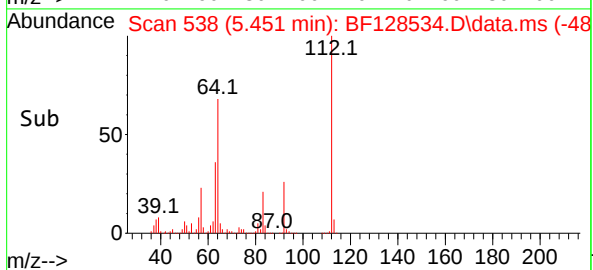
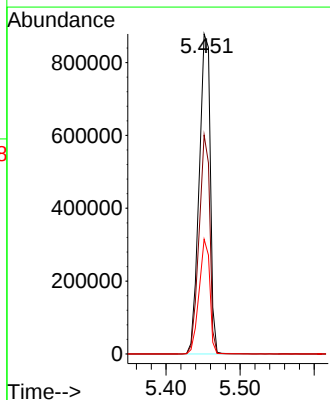
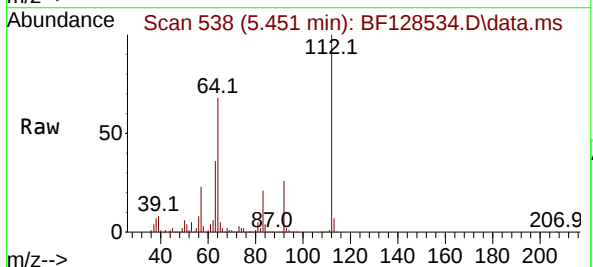
Instrument :
BNA_F
ClientSampleId :
P024-SS009-0006-01

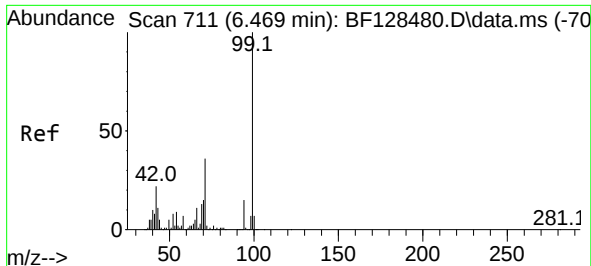
Tgt Ion:152 Resp: 216647
Ion Ratio Lower Upper
152 100
150 154.2 123.7 185.5
115 57.9 49.9 74.9



#5
2-Fluorophenol
Concen: 70.156 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF128534.D
Acq: 28 May 2022 03:31

Tgt Ion:112 Resp: 917593
Ion Ratio Lower Upper
112 100
64 68.5 53.3 79.9
63 35.9 28.0 42.0



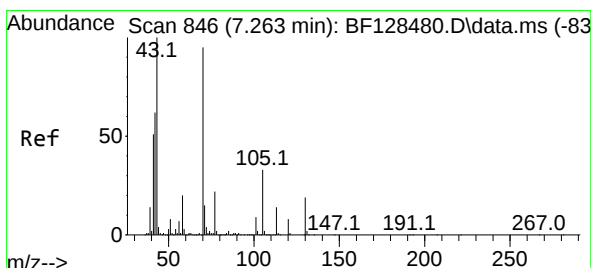
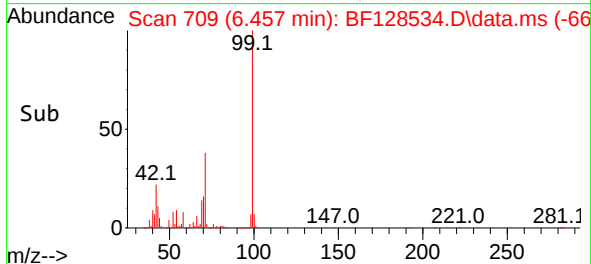
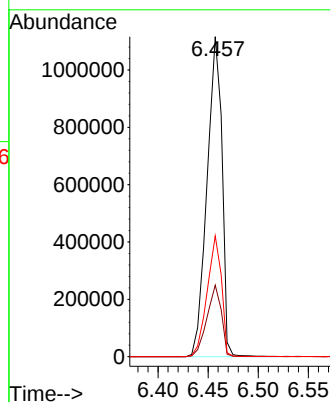
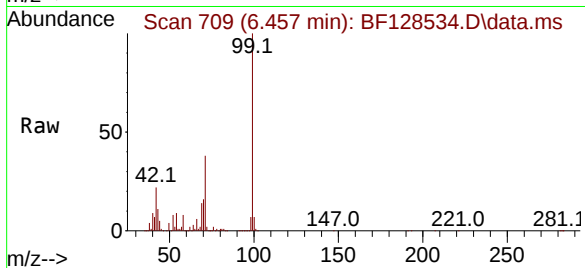


#7
Phenol-d6
Concen: 69.719 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF128534.D
Acq: 28 May 2022 03:31

Instrument :
BNA_F
ClientSampleId :
P024-SS009-0006-01

Tgt Ion: 99 Resp: 1162668

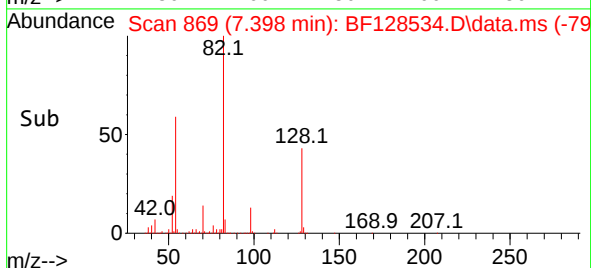
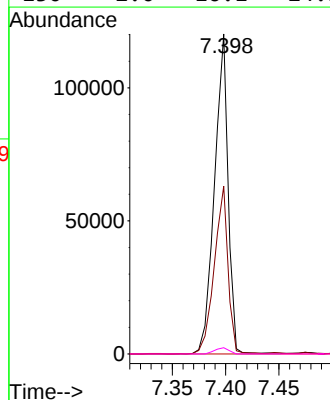
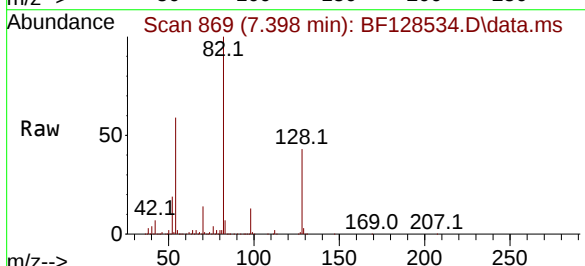
Ion	Ratio	Lower	Upper
99	100		
42	22.3	17.3	25.9
71	37.7	28.9	43.3

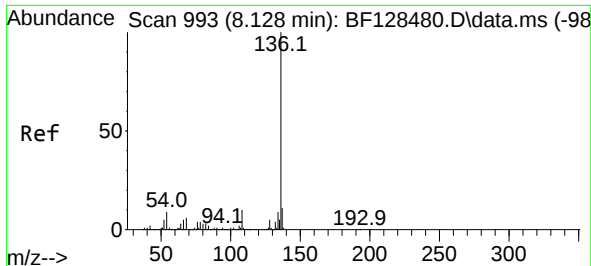


#19
n-Nitroso-di-n-propylamine
Concen: 10.478 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128534.D
Acq: 28 May 2022 03:31

Tgt Ion: 70 Resp: 107133

Ion	Ratio	Lower	Upper
70	100		
42	52.5	52.3	78.5
101	0.0	7.5	11.3#
130	2.0	16.1	24.1#

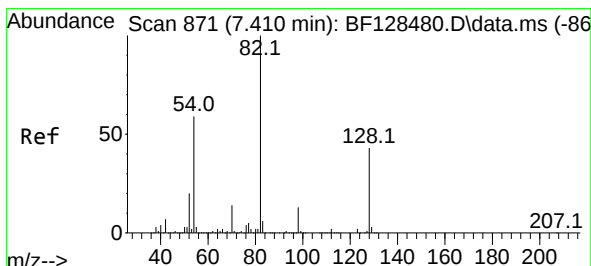
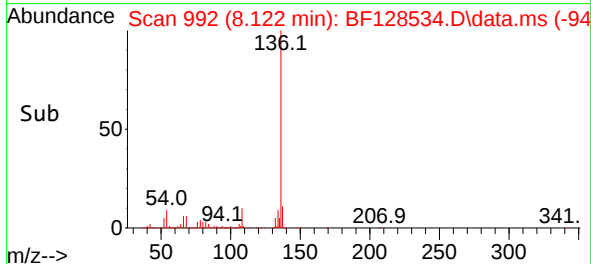
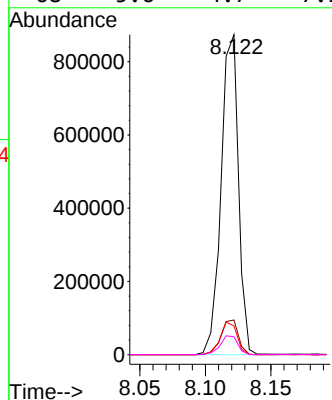
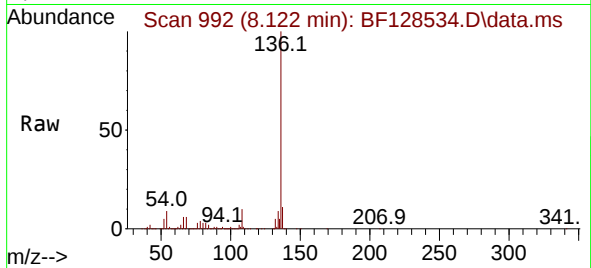




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128534.D
Acq: 28 May 2022 03:31

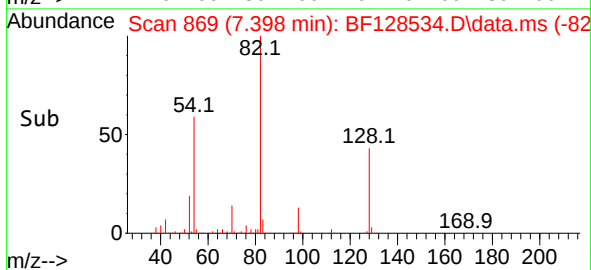
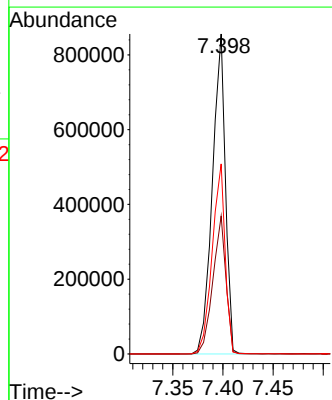
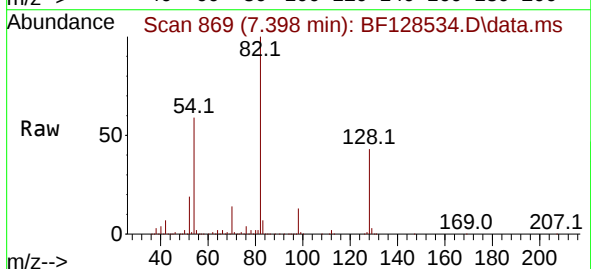
Instrument :
BNA_F
ClientSampleId :
P024-SS009-0006-01

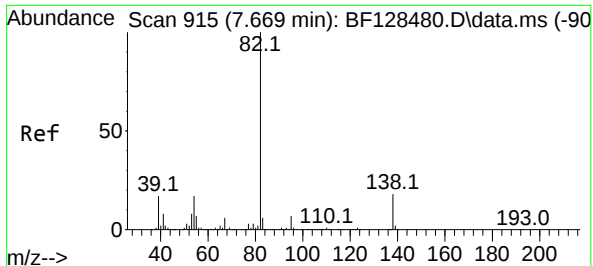
Tgt Ion:136 Resp: 804739
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.0 7.5 11.3
68 5.6 4.7 7.1



#23
Nitrobenzene-d5
Concen: 55.671 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128534.D
Acq: 28 May 2022 03:31

Tgt Ion: 82 Resp: 776605
Ion Ratio Lower Upper
82 100
128 43.1 34.0 51.0
54 59.4 46.9 70.3

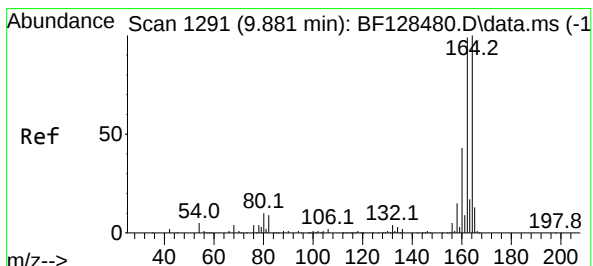
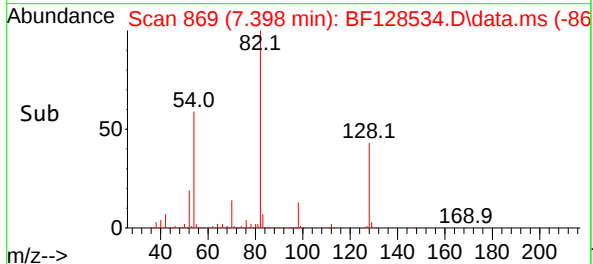
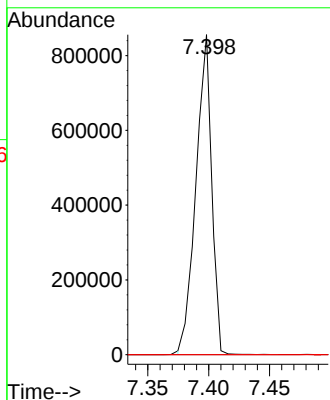
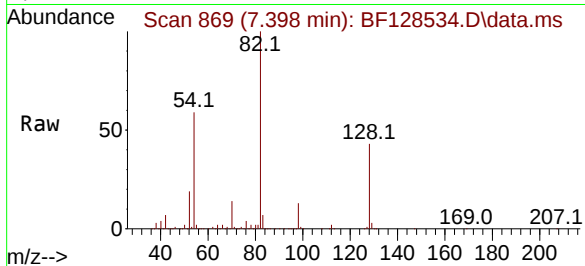




#25
Isophorone
Concen: 29.955 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128534.D
Acq: 28 May 2022 03:31

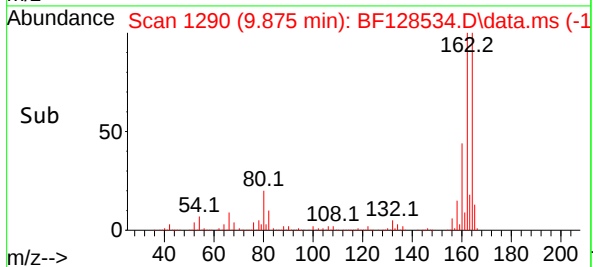
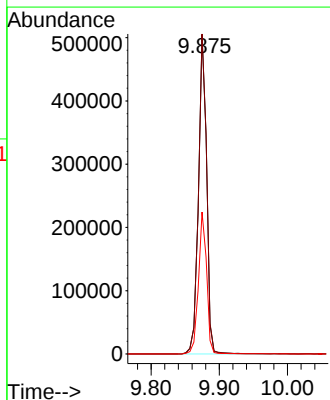
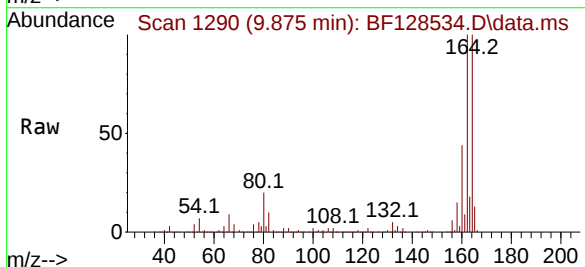
Instrument :
BNA_F
ClientSampleId :
P024-SS009-0006-01

Tgt Ion: 82 Resp: 770866
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128534.D
Acq: 28 May 2022 03:31

Tgt Ion:164 Resp: 419289
Ion Ratio Lower Upper
164 100
162 100.2 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 67.963 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128534.D

Acq: 28 May 2022 03:31

Instrument :

BNA_F

ClientSampleId :

P024-SS009-0006-01

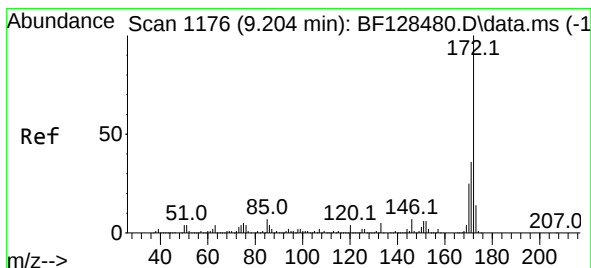
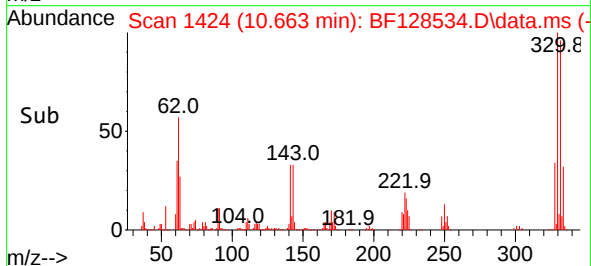
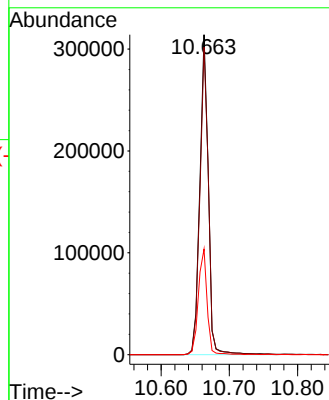
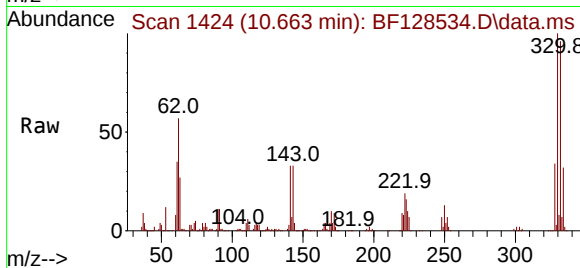
Tgt Ion:330 Resp: 271236

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

141 34.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 54.708 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128534.D

Acq: 28 May 2022 03:31

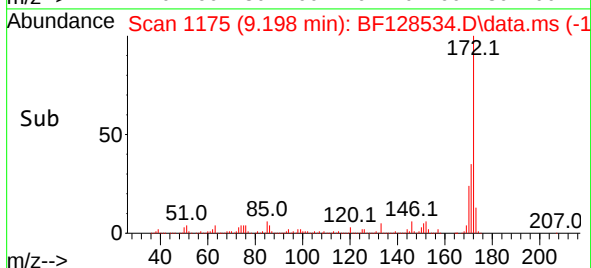
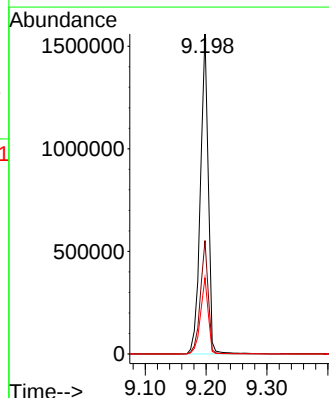
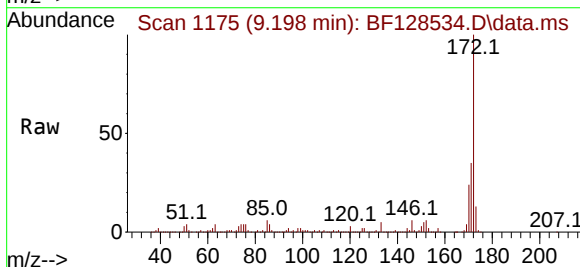
Tgt Ion:172 Resp: 1411907

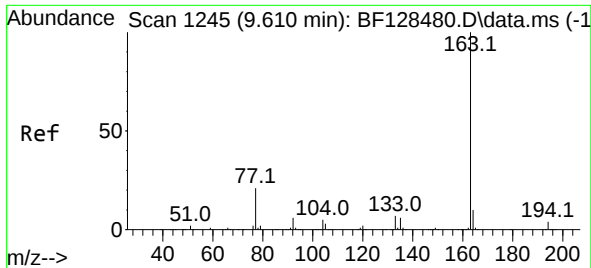
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.8 19.8 29.8

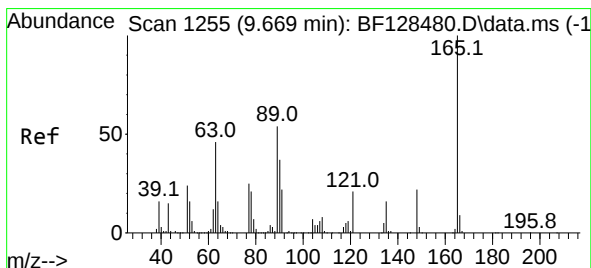
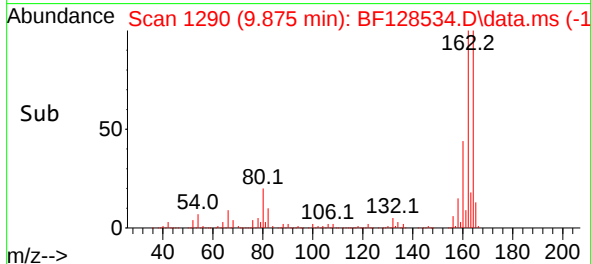
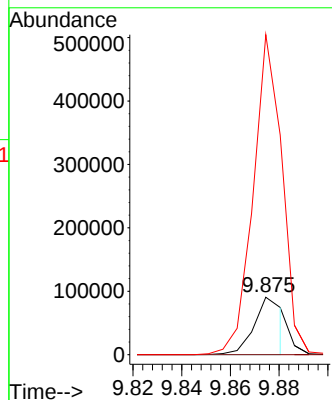
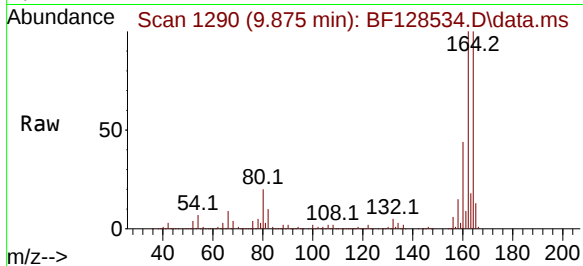




#50
Dimethylphthalate
Concen: 2.715 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128534.D
Acq: 28 May 2022 03:31

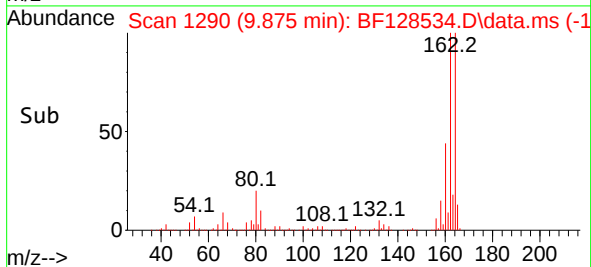
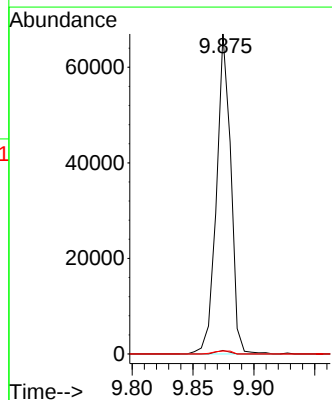
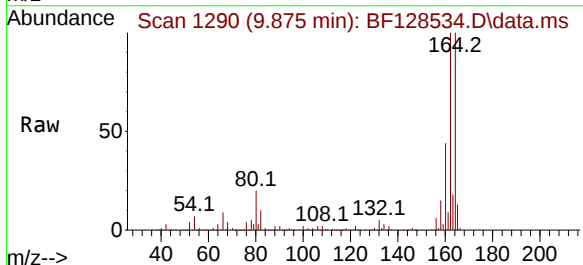
Instrument :
BNA_F
ClientSampleId :
P024-SS009-0006-01

Tgt Ion:163 Resp: 73844
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 557.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.982 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128534.D
Acq: 28 May 2022 03:31

Tgt Ion:165 Resp: 54739
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 0.9 43.6 65.4#

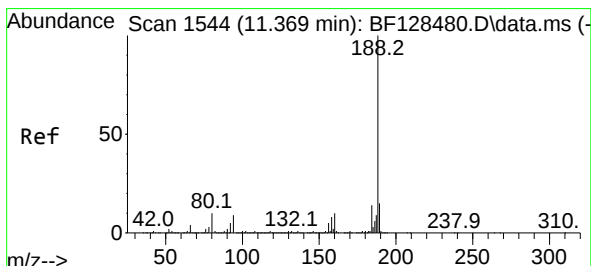
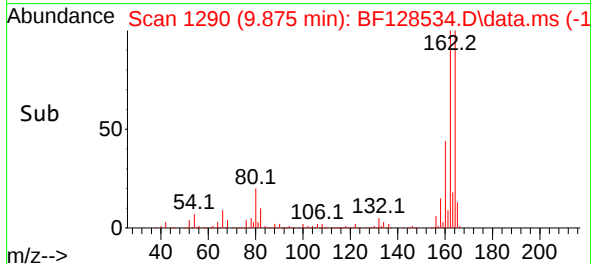
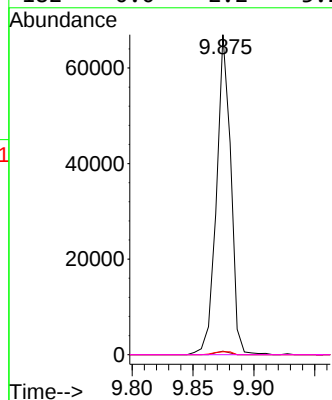
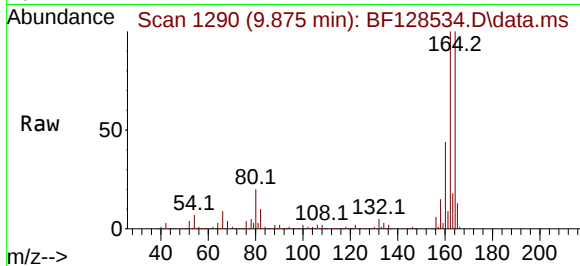




#57
2,4-Dinitrotoluene
Concen: 9.179 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128534.D
Acq: 28 May 2022 03:31

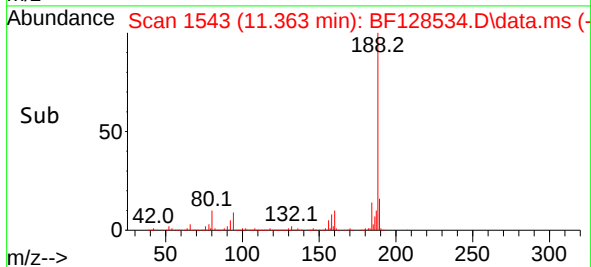
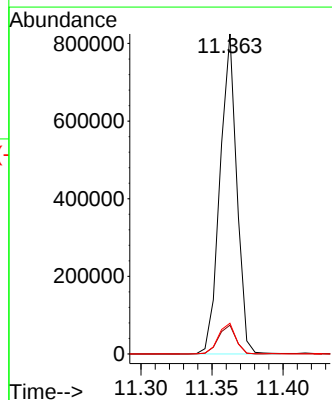
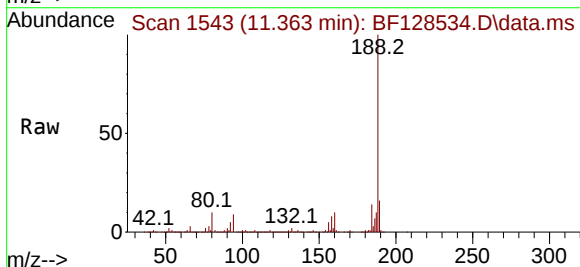
Instrument :
BNA_F
ClientSampleId :
P024-SS009-0006-01

Tgt Ion:165 Resp: 54739
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 0.9 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128534.D
Acq: 28 May 2022 03:31

Tgt Ion:188 Resp: 676715
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.6 7.6 11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 5.670 ng

RT: 10.663 min Scan# 1424

Delta R.T. 0.188 min

Lab File: BF128534.D

Acq: 28 May 2022 03:31

Instrument :

BNA_F

ClientSampleId :

P024-SS009-0006-01

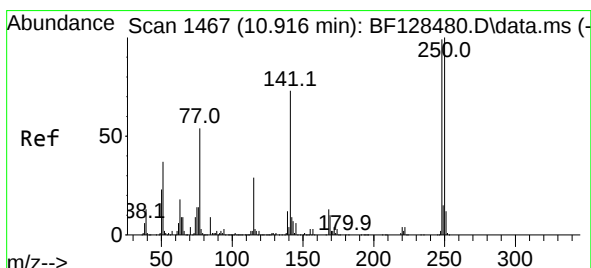
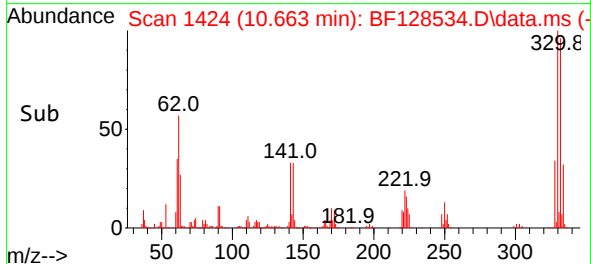
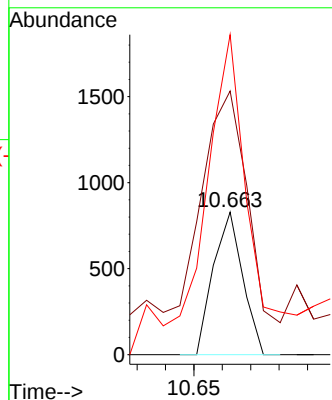
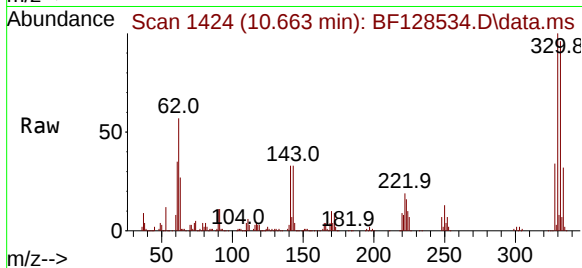
Tgt Ion:198 Resp: 594

Ion Ratio Lower Upper

198 100

51 184.9 37.6 77.6#

105 224.4 27.0 67.0#



#67

4-Bromophenyl-phenylether

Concen: 2.622 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.253 min

Lab File: BF128534.D

Acq: 28 May 2022 03:31

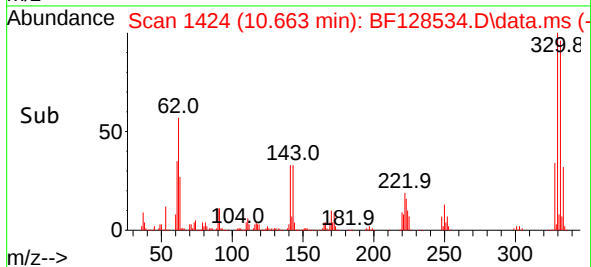
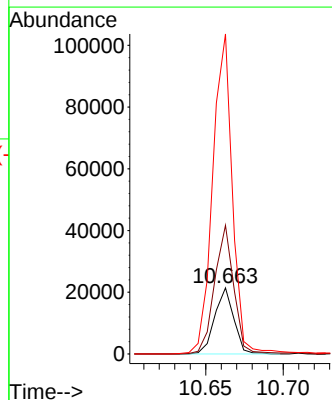
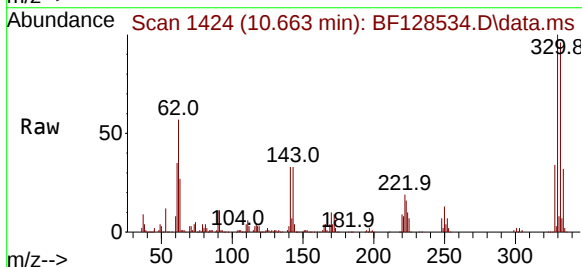
Tgt Ion:248 Resp: 18331

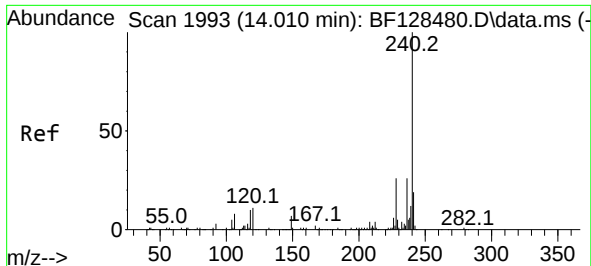
Ion Ratio Lower Upper

248 100

250 194.6 80.6 120.8#

141 483.8 58.9 88.3#

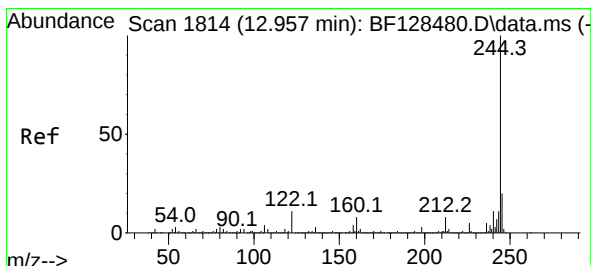
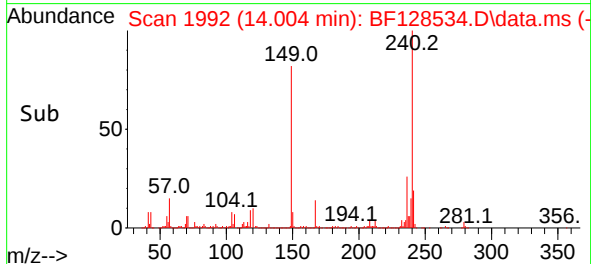
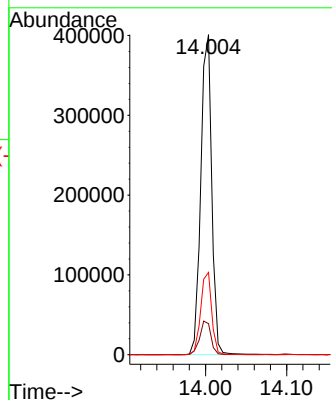
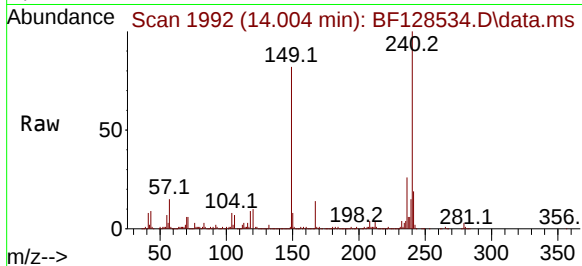




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128534.D
Acq: 28 May 2022 03:31

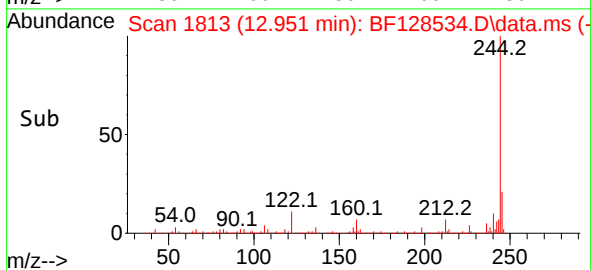
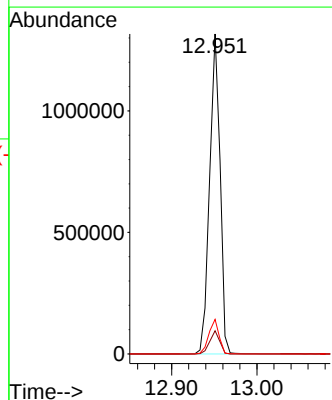
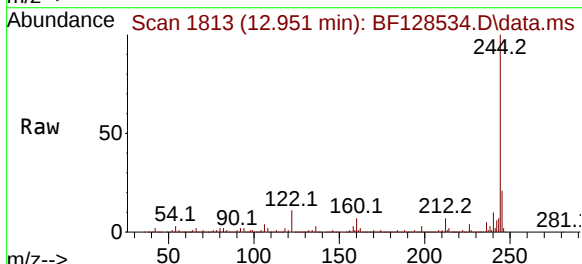
Instrument :
BNA_F
ClientSampleId :
P024-SS009-0006-01

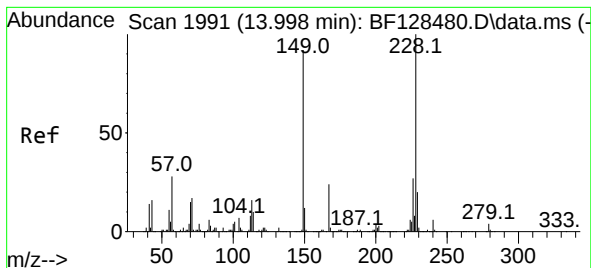
Tgt Ion:240 Resp: 376676
Ion Ratio Lower Upper
240 100
120 9.7 8.9 13.3
236 25.7 20.8 31.2



#79
Terphenyl-d14
Concen: 57.378 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128534.D
Acq: 28 May 2022 03:31

Tgt Ion:244 Resp: 1118714
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 10.8 8.8 13.2

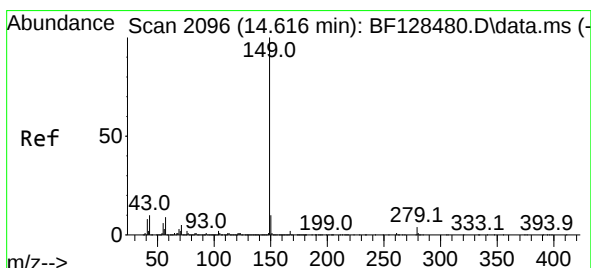
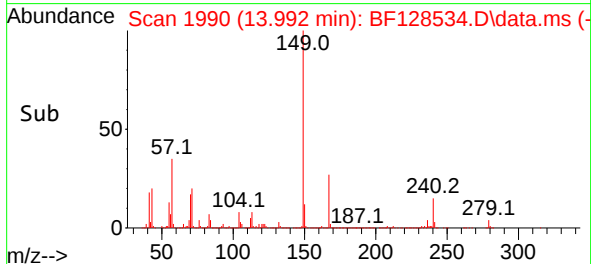
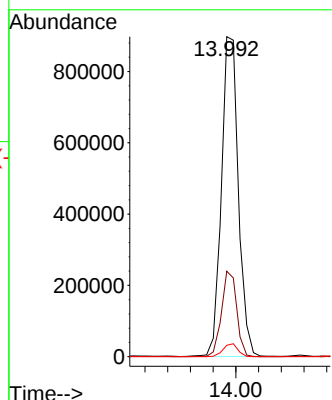
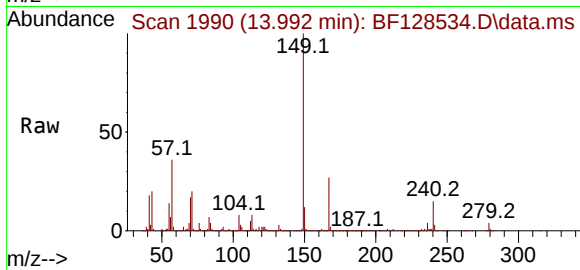




#84
Bis(2-ethylhexyl)phthalate
Concen: 64.377 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128534.D
Acq: 28 May 2022 03:31

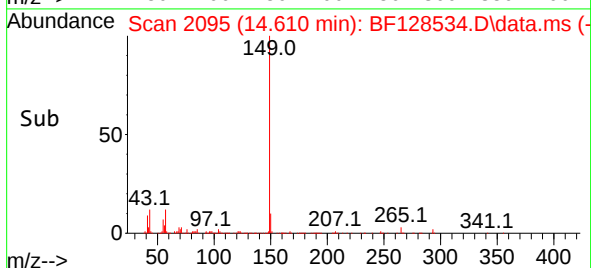
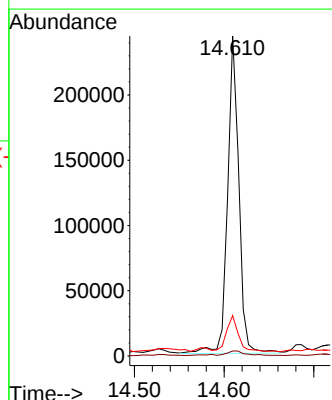
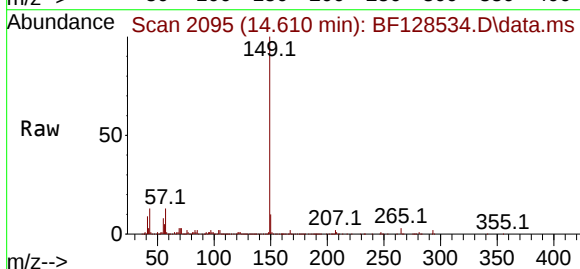
Instrument :
BNA_F
ClientSampleId :
P024-SS009-0006-01

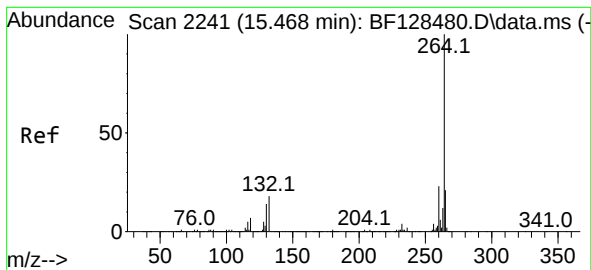
Tgt Ion:149 Resp: 931966
Ion Ratio Lower Upper
149 100
167 26.7 21.0 31.4
279 3.6 3.1 4.7



#85
Di-n-octyl phthalate
Concen: 8.329 ng
RT: 14.610 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BF128534.D
Acq: 28 May 2022 03:31

Tgt Ion:149 Resp: 212246
Ion Ratio Lower Upper
149 100
167 2.6 1.3 1.9#
43 12.6 9.2 13.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF128534.D

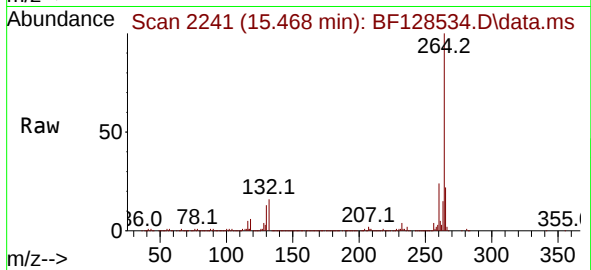
Acq: 28 May 2022 03:31

Instrument :

BNA_F

ClientSampleId :

P024-SS009-0006-01



Tgt Ion:264 Resp: 410631

Ion Ratio Lower Upper

264 100

260 23.9 18.4 27.6

265 21.8 17.2 25.8

