

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128505.D
 Acq On : 27 May 2022 12:38
 Operator : CG\JU
 Sample : N2927-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P010-SS003-1218-01

Quant Time: May 27 23:17:56 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)

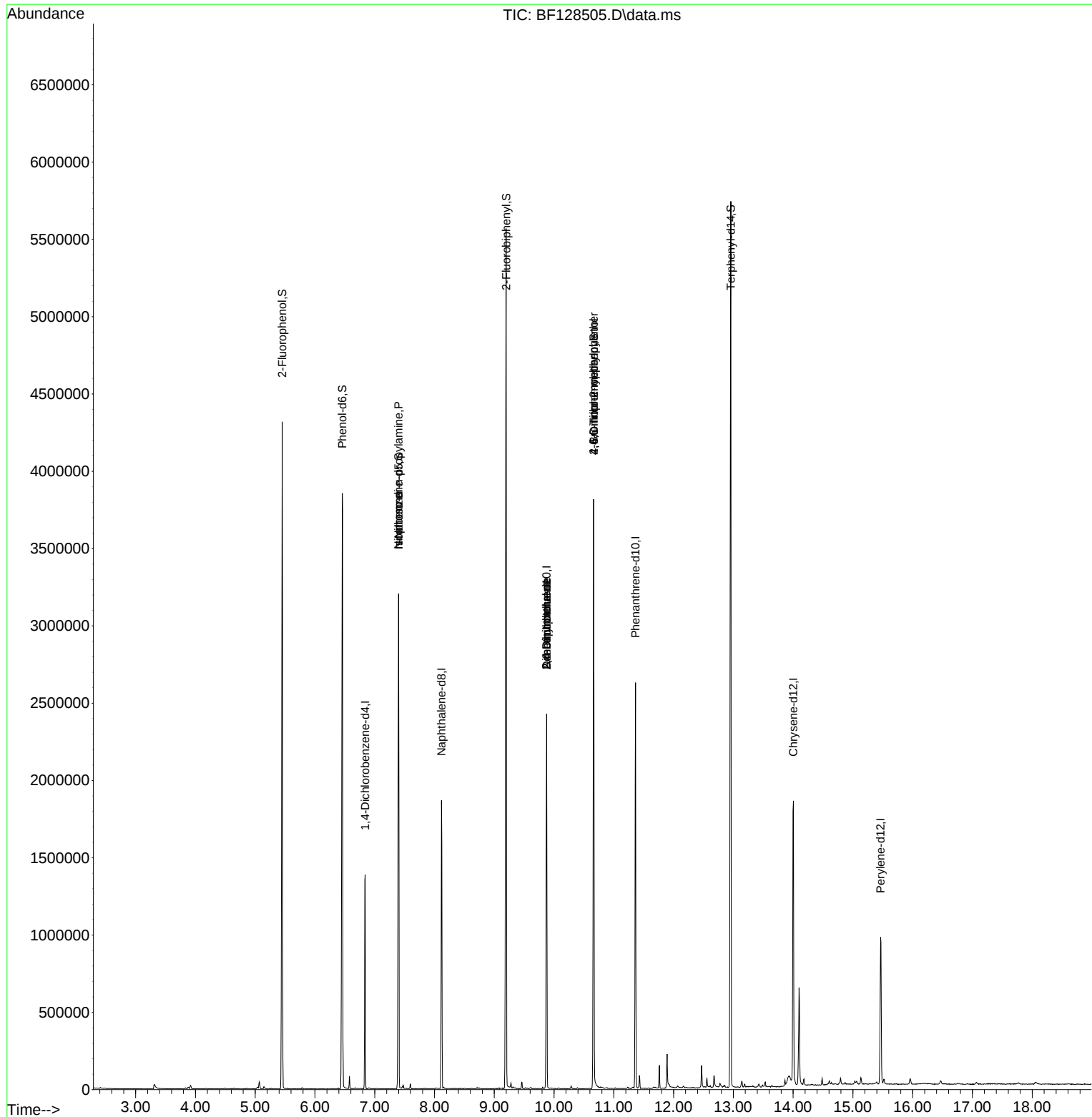
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	204787	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	812138	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	467663	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	912419	20.000	ng	0.00
76) Chrysene-d12	14.004	240	650970	20.000	ng	0.00
86) Perylene-d12	15.463	264	438547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1225801	99.148	ng	0.00
7) Phenol-d6	6.457	99	1561172	99.036	ng	-0.01
23) Nitrobenzene-d5	7.398	82	1018413	72.340	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	460067	103.354	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1860053	64.618	ng	0.00
79) Terphenyl-d14	12.957	244	2109529	62.607	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.387	77	325	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	138606	14.341	ng	# 78
25) Isophorone	7.398	82	1016763	39.151	ng	# 65
50) Dimethylphthalate	9.875	163	84181	2.775	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	60141	10.817	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	60141	9.042	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	1134	5.740	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	30901	3.278	ng	# 1

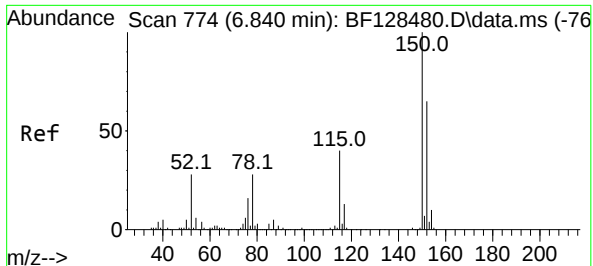
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
Data File : BF128505.D
Acq On : 27 May 2022 12:38
Operator : CG\JU
Sample : N2927-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P010-SS003-1218-01

Quant Time: May 27 23:17:56 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

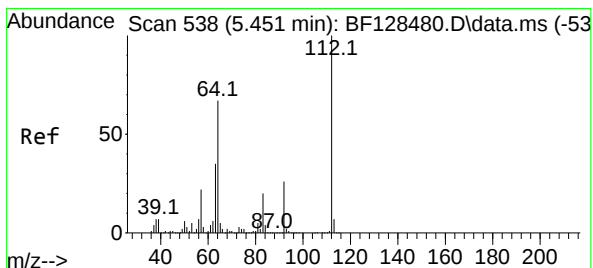
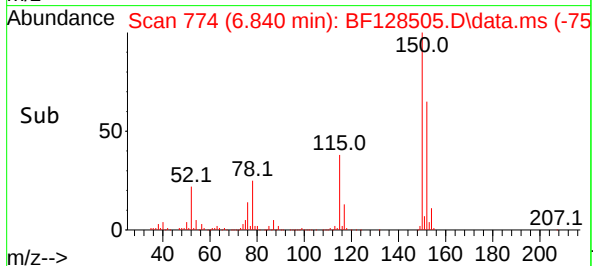
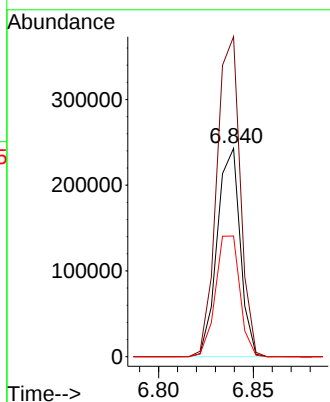
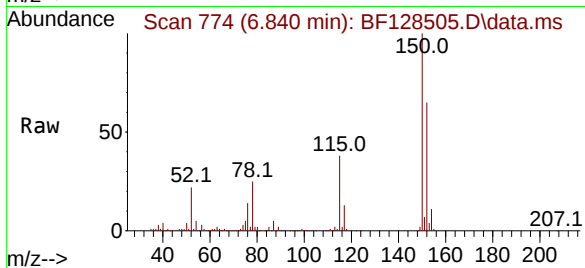




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF128505.D
Acq: 27 May 2022 12:38

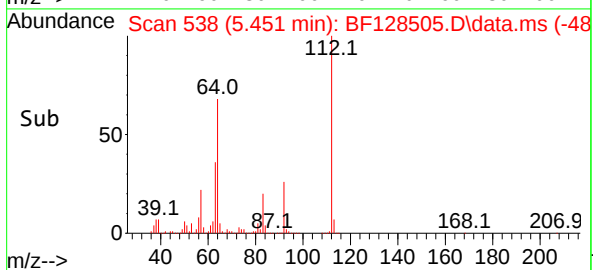
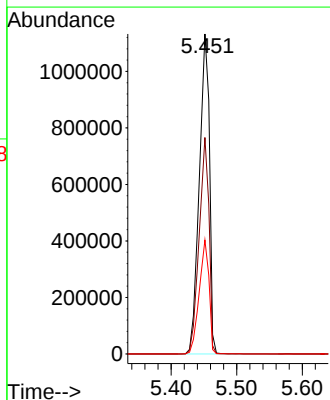
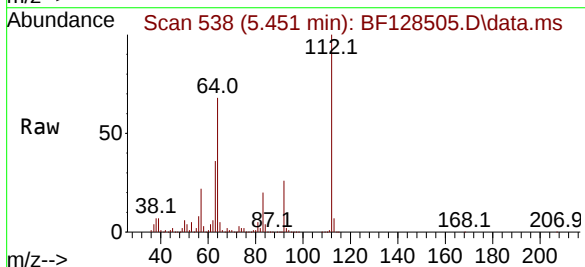
Instrument :
BNA_F
ClientSampleId :
P010-SS003-1218-01

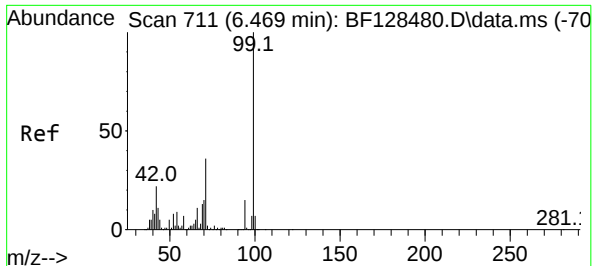
Tgt Ion:152 Resp: 204787
Ion Ratio Lower Upper
152 100
150 153.6 123.7 185.5
115 57.9 49.9 74.9



#5
2-Fluorophenol
Concen: 99.148 ng
RT: 5.451 min Scan# 538
Delta R.T. 0.000 min
Lab File: BF128505.D
Acq: 27 May 2022 12:38

Tgt Ion:112 Resp: 1225801
Ion Ratio Lower Upper
112 100
64 67.7 53.3 79.9
63 35.6 28.0 42.0



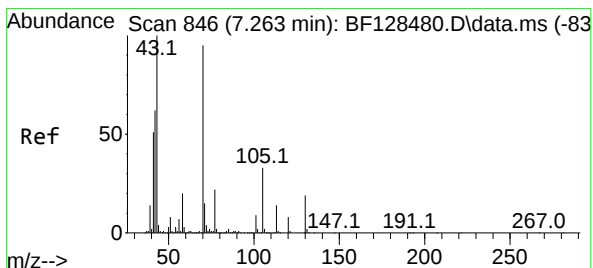
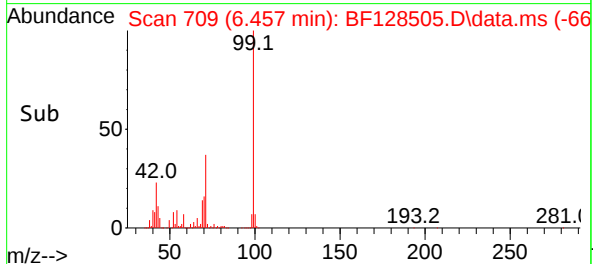
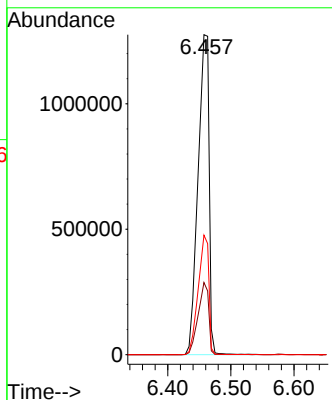
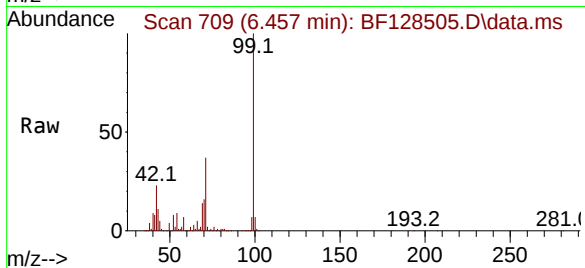


#7
Phenol-d6
Concen: 99.036 ng
RT: 6.457 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF128505.D
Acq: 27 May 2022 12:38

Instrument :
BNA_F
ClientSampleId :
P010-SS003-1218-01

Tgt Ion: 99 Resp: 1561172

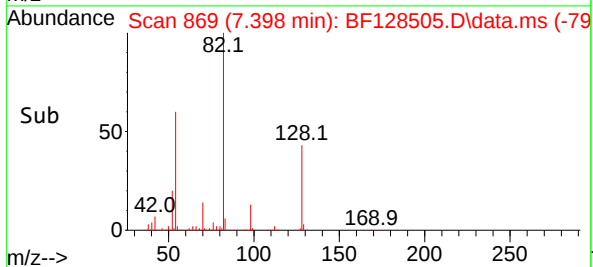
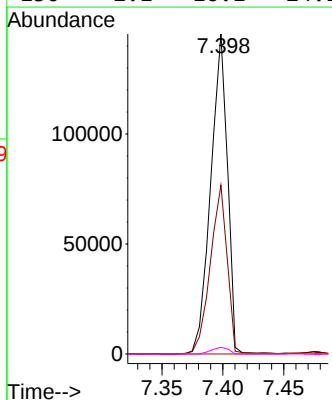
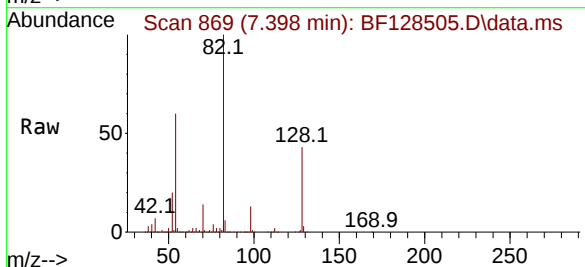
Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.3	25.9
71	37.3	28.9	43.3

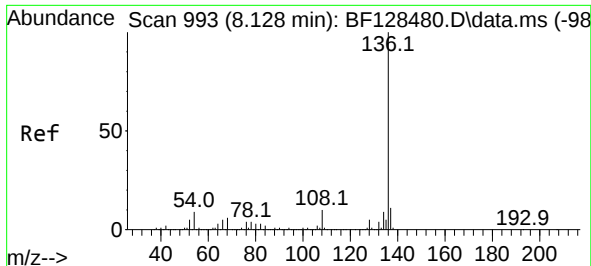


#19
n-Nitroso-di-n-propylamine
Concen: 14.341 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128505.D
Acq: 27 May 2022 12:38

Tgt Ion: 70 Resp: 138606

Ion	Ratio	Lower	Upper
70	100		
42	52.8	52.3	78.5
101	0.0	7.5	11.3#
130	2.1	16.1	24.1#

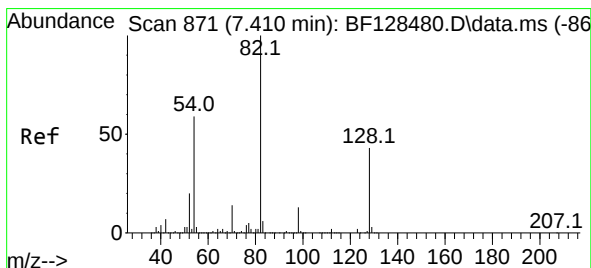
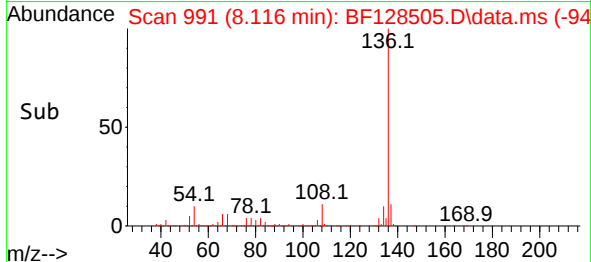
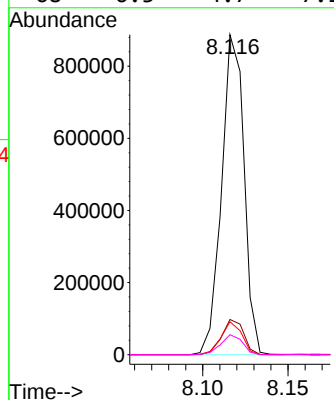
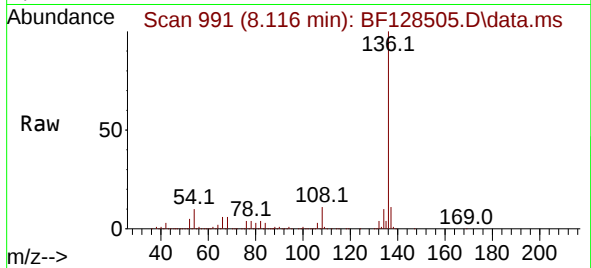




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128505.D
Acq: 27 May 2022 12:38

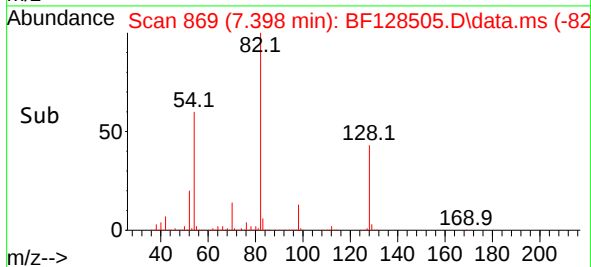
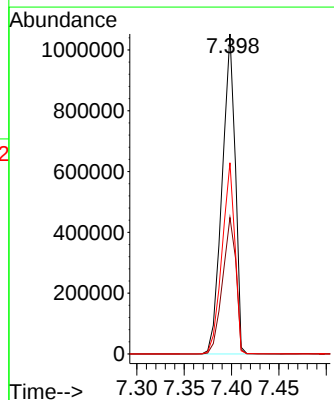
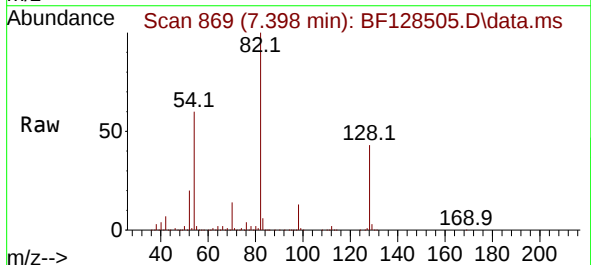
Instrument :
BNA_F
ClientSampleId :
P010-SS003-1218-01

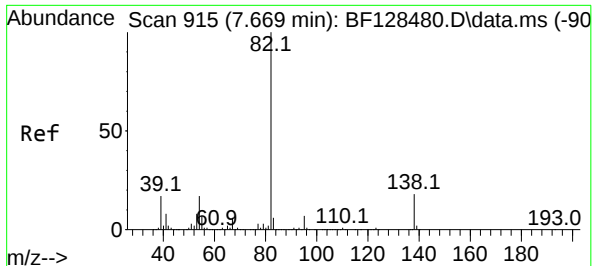
Tgt Ion:136 Resp: 812138
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.3 7.5 11.3
68 6.3 4.7 7.1



#23
Nitrobenzene-d5
Concen: 72.340 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128505.D
Acq: 27 May 2022 12:38

Tgt Ion: 82 Resp: 1018413
Ion Ratio Lower Upper
82 100
128 42.6 34.0 51.0
54 59.8 46.9 70.3

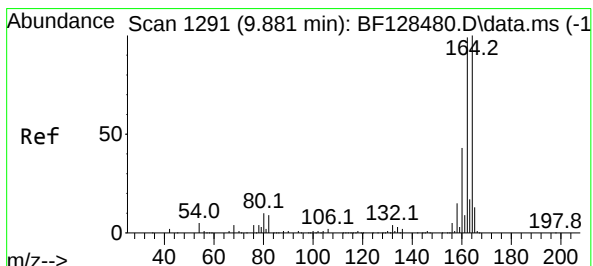
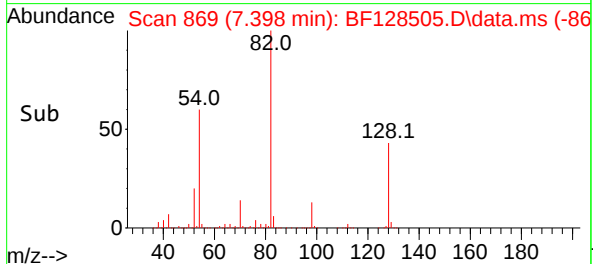
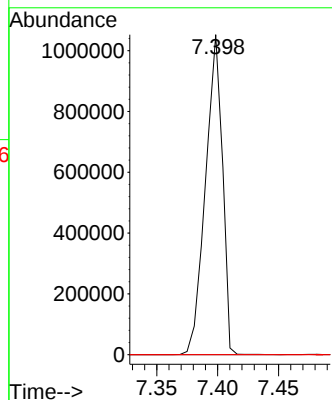
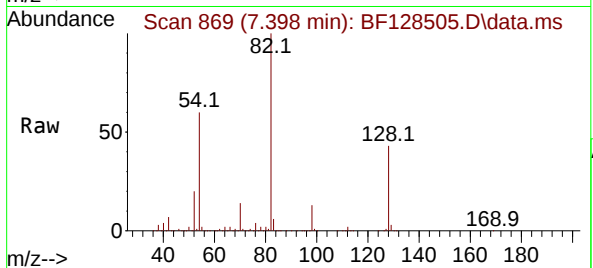




#25
Isophorone
Concen: 39.151 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128505.D
Acq: 27 May 2022 12:38

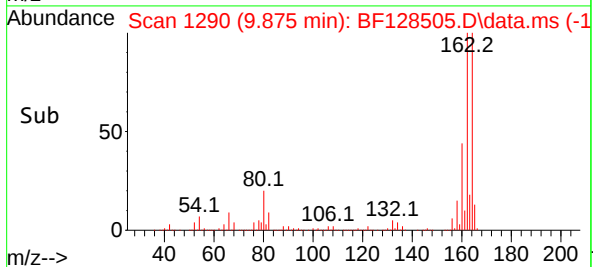
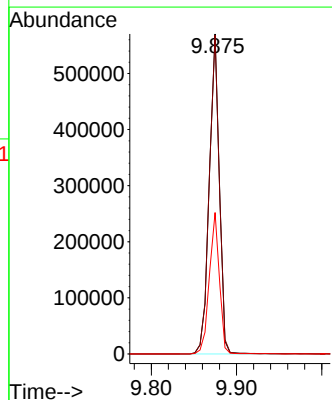
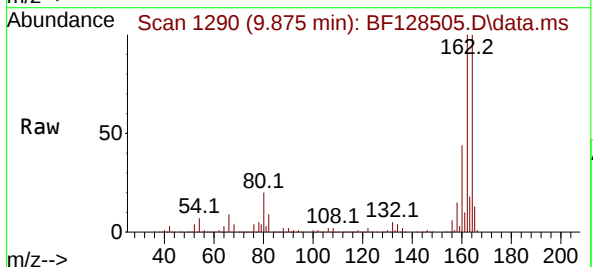
Instrument :
BNA_F
ClientSampleId :
P010-SS003-1218-01

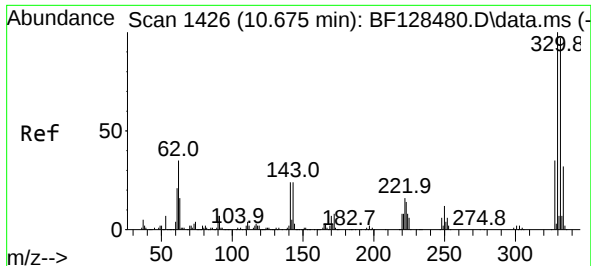
Tgt Ion: 82 Resp: 1016763
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128505.D
Acq: 27 May 2022 12:38

Tgt Ion:164 Resp: 467663
Ion Ratio Lower Upper
164 100
162 99.7 79.5 119.3
160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 103.354 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128505.D

Acq: 27 May 2022 12:38

Instrument :

BNA_F

ClientSampleId :

P010-SS003-1218-01

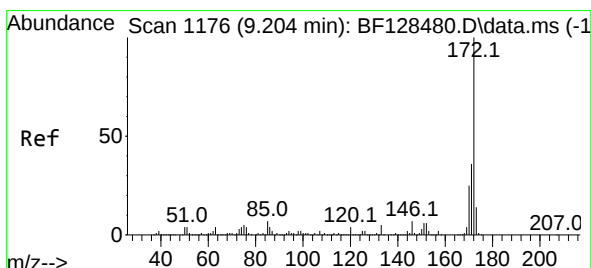
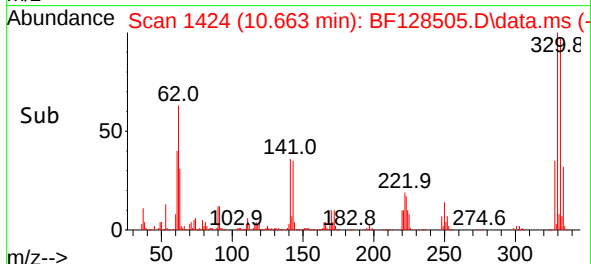
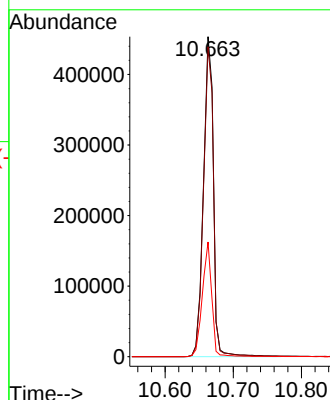
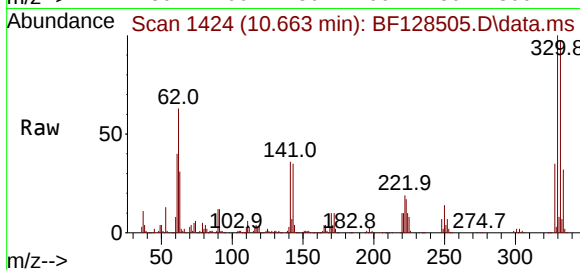
Tgt Ion:330 Resp: 460067

Ion Ratio Lower Upper

330 100

332 97.5 76.8 115.2

141 34.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 64.618 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128505.D

Acq: 27 May 2022 12:38

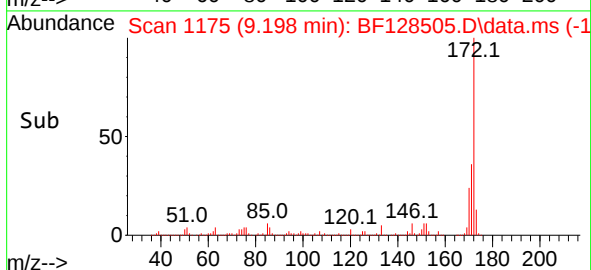
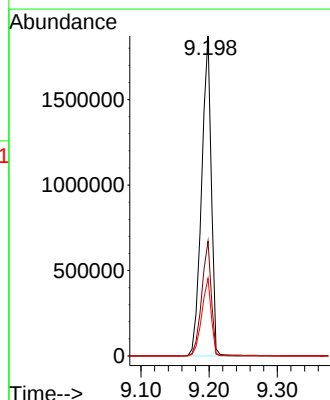
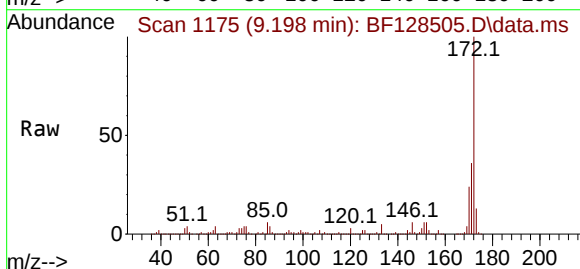
Tgt Ion:172 Resp: 1860053

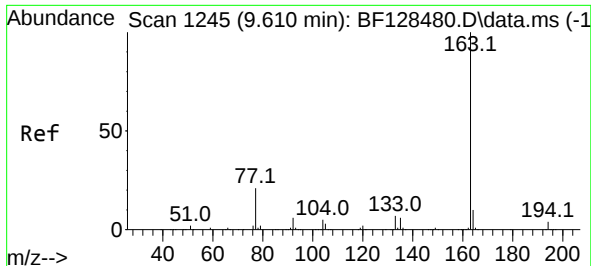
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.2 19.8 29.8

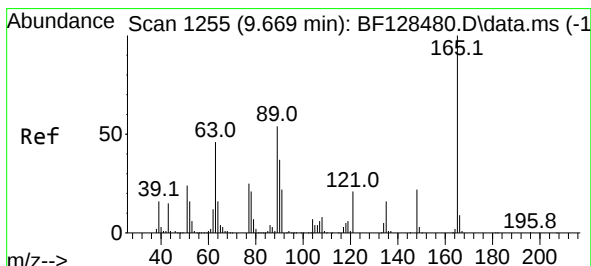
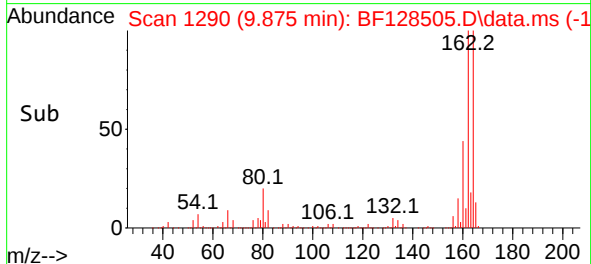
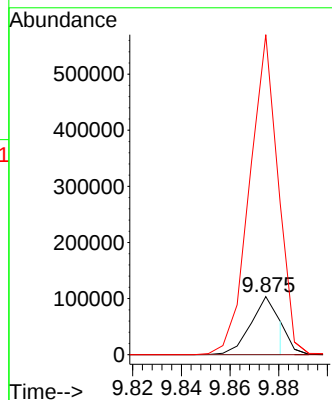
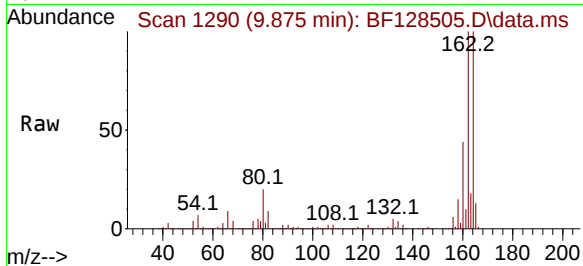




#50
Dimethylphthalate
Concen: 2.775 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128505.D
Acq: 27 May 2022 12:38

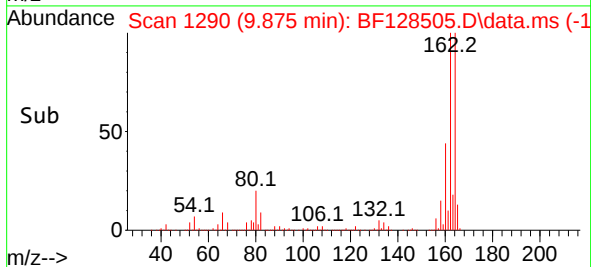
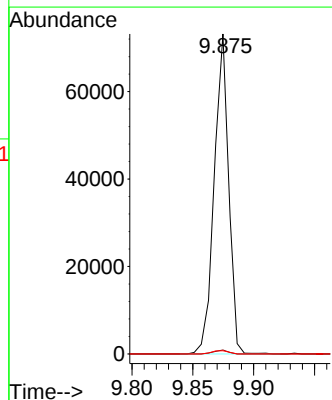
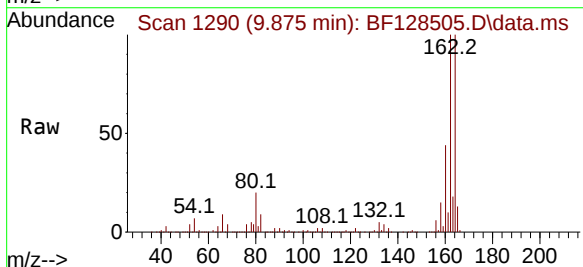
Instrument :
BNA_F
ClientSampleId :
P010-SS003-1218-01

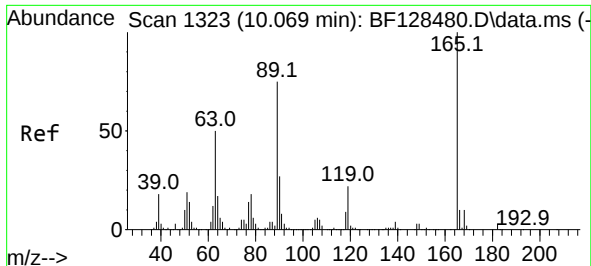
Tgt Ion:163 Resp: 84181
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 550.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.817 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128505.D
Acq: 27 May 2022 12:38

Tgt Ion:165 Resp: 60141
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.0 43.6 65.4#

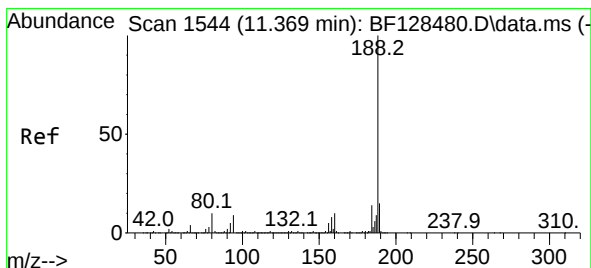
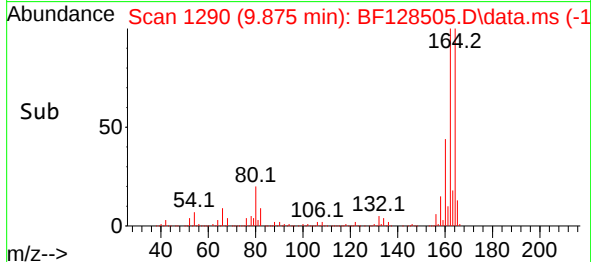
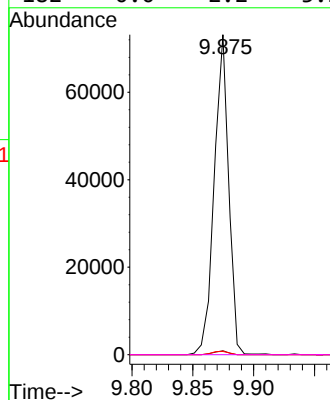
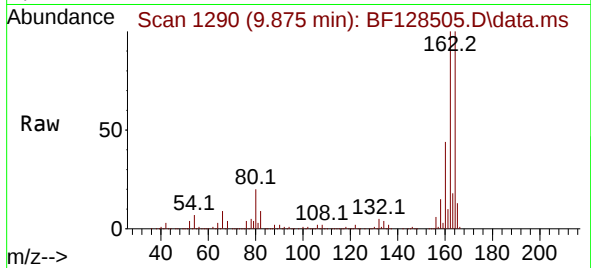




#57
2,4-Dinitrotoluene
Concen: 9.042 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128505.D
Acq: 27 May 2022 12:38

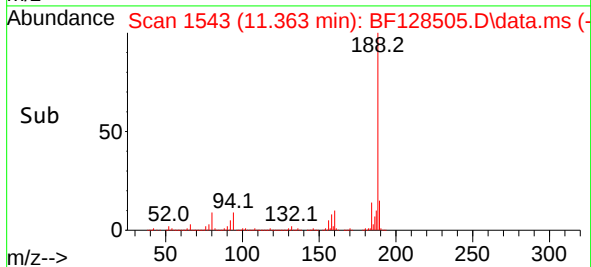
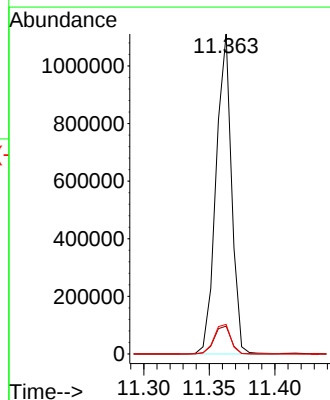
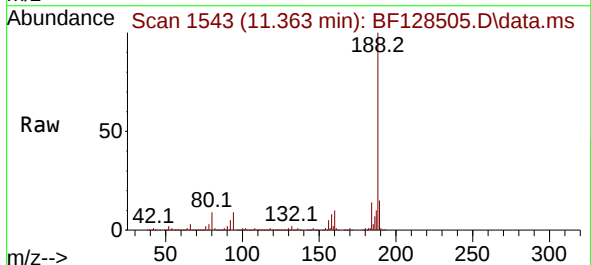
Instrument :
BNA_F
ClientSampleId :
P010-SS003-1218-01

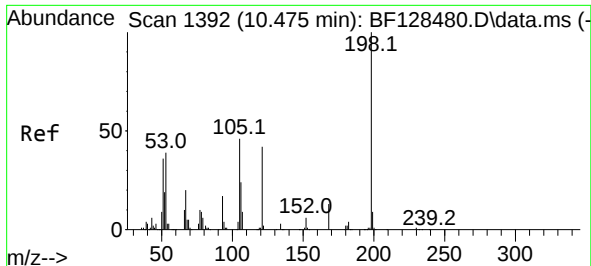
Tgt Ion:165 Resp: 60141
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.0 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128505.D
Acq: 27 May 2022 12:38

Tgt Ion:188 Resp: 912419
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.2 7.6 11.4

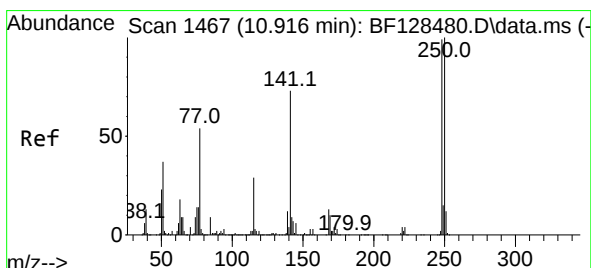
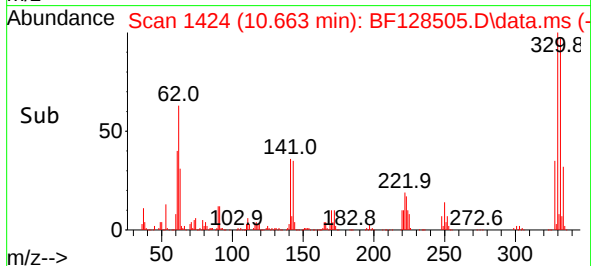
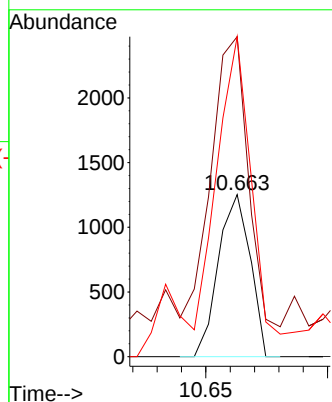
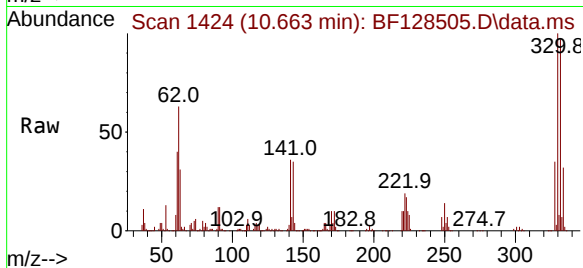




#65
4,6-Dinitro-2-methylphenol
Concen: 5.740 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128505.D
Acq: 27 May 2022 12:38

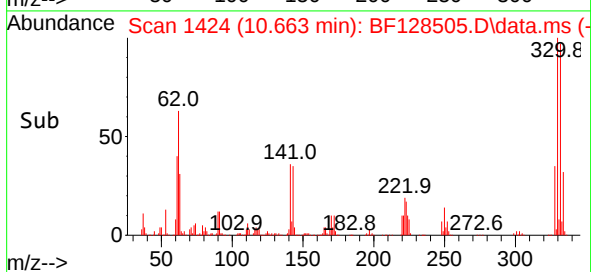
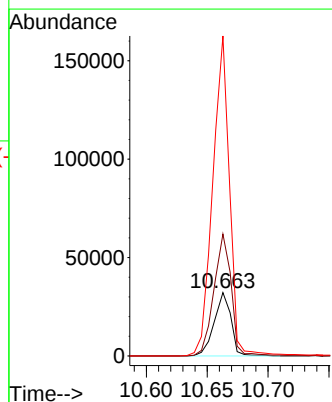
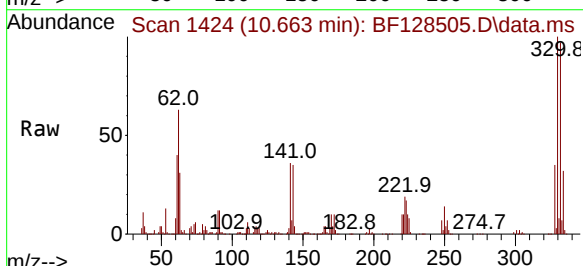
Instrument :
BNA_F
ClientSampleId :
P010-SS003-1218-01

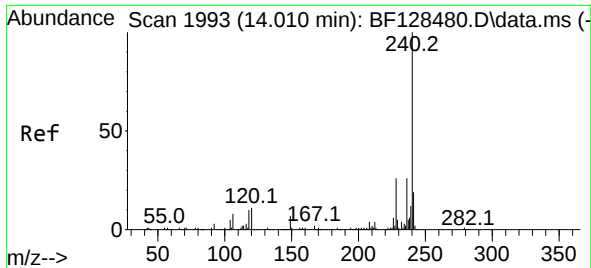
Tgt Ion:198 Resp: 1134
Ion Ratio Lower Upper
198 100
51 197.4 37.6 77.6#
105 197.3 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.278 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128505.D
Acq: 27 May 2022 12:38

Tgt Ion:248 Resp: 30901
Ion Ratio Lower Upper
248 100
250 192.6 80.6 120.8#
141 505.3 58.9 88.3#

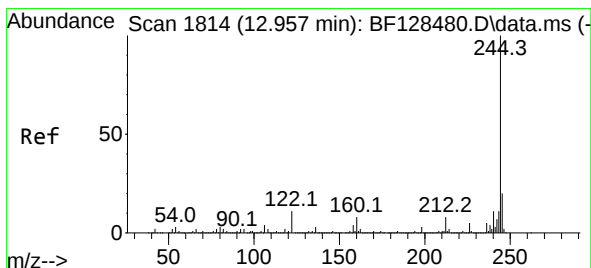
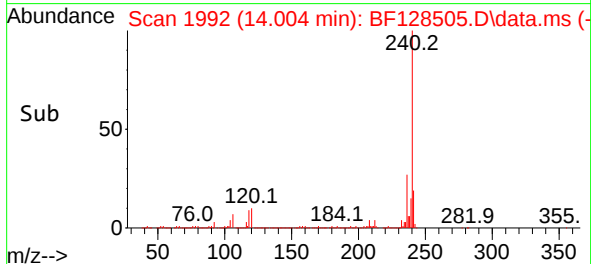
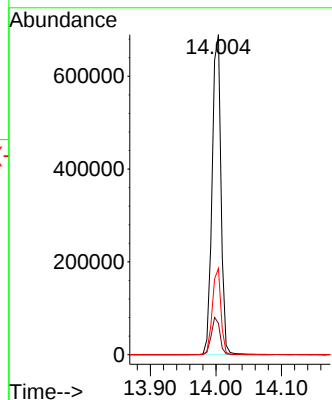
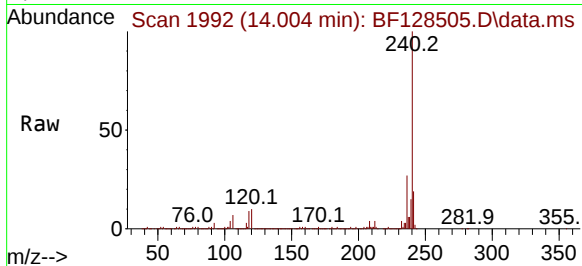




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF128505.D
Acq: 27 May 2022 12:38

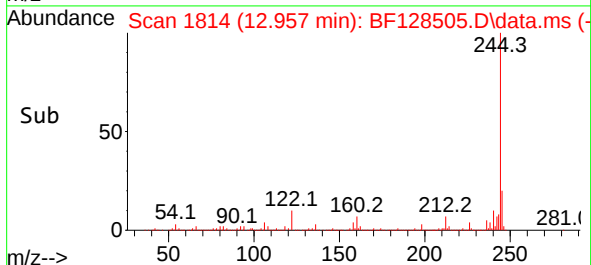
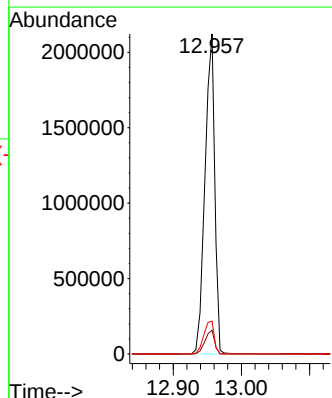
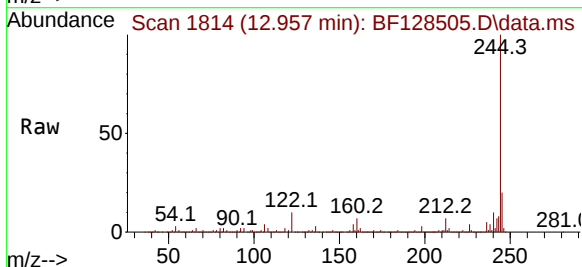
Instrument :
BNA_F
ClientSampleId :
P010-SS003-1218-01

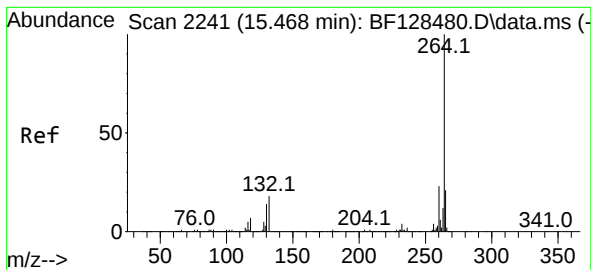
Tgt Ion:240 Resp: 650970
Ion Ratio Lower Upper
240 100
120 9.8 8.9 13.3
236 27.0 20.8 31.2



#79
Terphenyl-d14
Concen: 62.607 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF128505.D
Acq: 27 May 2022 12:38

Tgt Ion:244 Resp: 2109529
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 10.3 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128505.D

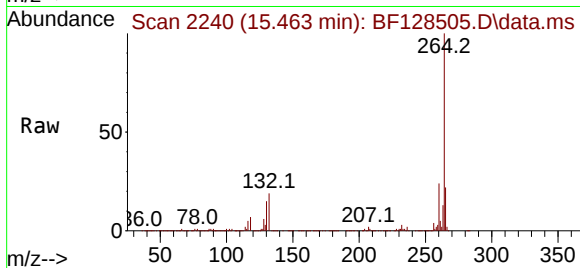
Acq: 27 May 2022 12:38

Instrument :

BNA_F

ClientSampleId :

P010-SS003-1218-01



Tgt Ion:264 Resp: 438547

Ion Ratio Lower Upper

264 100

260 24.2 18.4 27.6

265 22.1 17.2 25.8

