

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
 Data File : BF128585.D
 Acq On : 29 May 2022 21:58
 Operator : CG\JU
 Sample : N2951-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P035-SS001-0006-02

Quant Time: May 30 00:53:12 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)

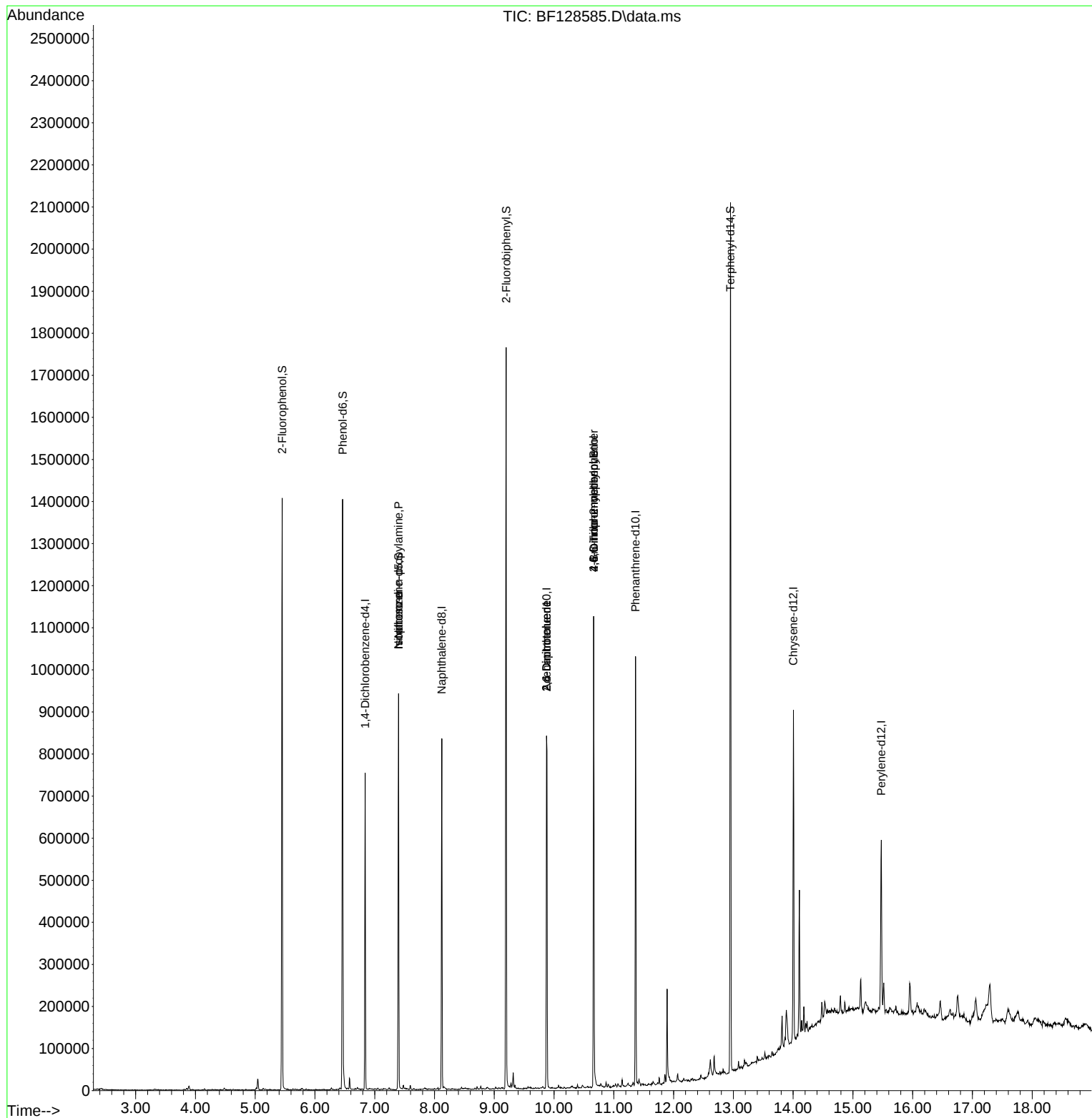
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	91760	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	316350	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	178862	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	350177	20.000	ng	0.00
76) Chrysene-d12	14.004	240	253002	20.000	ng	0.00
86) Perylene-d12	15.474	264	188683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	325576	58.771	ng	0.00
7) Phenol-d6	6.463	99	383490	54.293	ng	0.00
23) Nitrobenzene-d5	7.398	82	256185	46.717	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	116304	68.315	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	511803	46.488	ng	0.00
79) Terphenyl-d14	12.951	244	644615	49.224	ng	0.00
Target Compounds						
9) Benzaldehyde	6.387	77	271	Below Cal		Qvalue 94
19) n-Nitroso-di-n-propyla...	7.398	70	34089	7.871 ng	#	81
25) Isophorone	7.398	82	254295	25.137 ng	#	65
51) 2,6-Dinitrotoluene	9.875	165	23160	10.892 ng	#	26
57) 2,4-Dinitrotoluene	9.875	165	23160	9.104 ng	#	21
65) 4,6-Dinitro-2-methylph...	10.663	198	334	5.685 ng	#	1
67) 4-Bromophenyl-phenylether	10.663	248	7697	2.127 ng	#	1

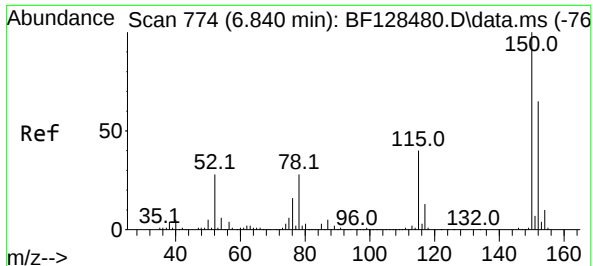
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
Data File : BF128585.D
Acq On : 29 May 2022 21:58
Operator : CG\JU
Sample : N2951-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P035-SS001-0006-02

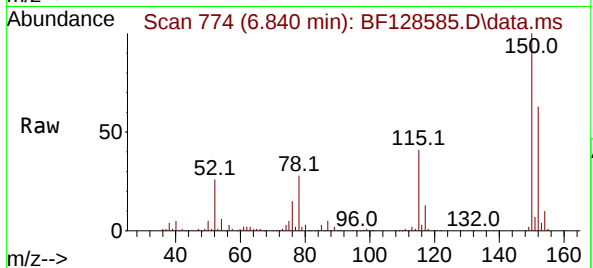
Quant Time: May 30 00:53:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 01:51:59 2022
Response via : Initial Calibration



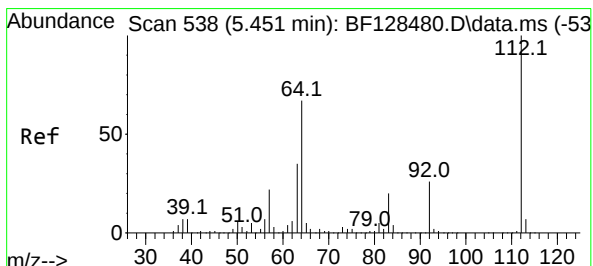
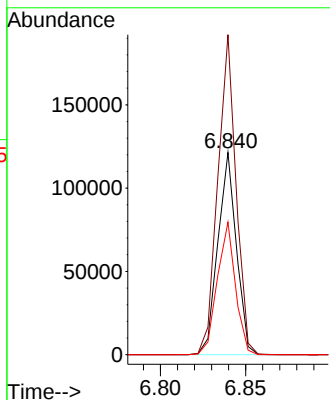
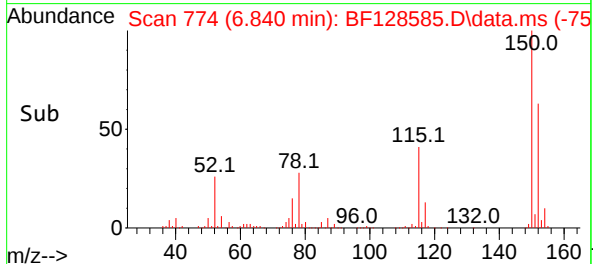


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128585.D
Acq: 29 May 2022 21:58

Instrument :
BNA_F
ClientSampleId :
P035-SS001-0006-02

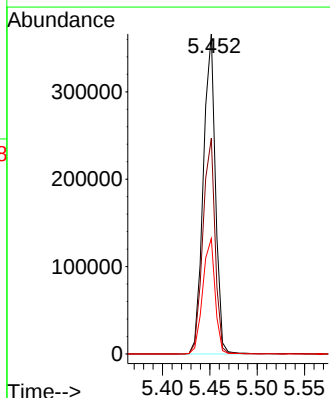
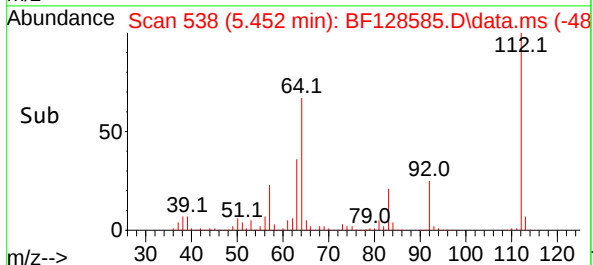
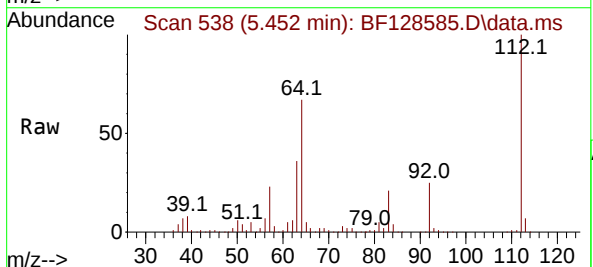


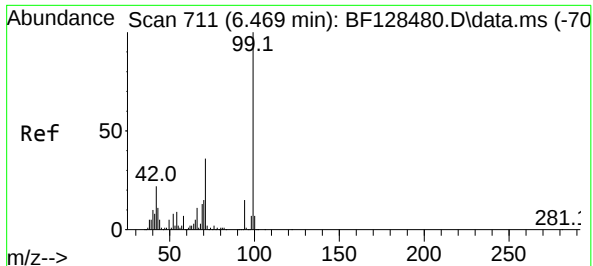
Tgt Ion:152 Resp: 91760
Ion Ratio Lower Upper
152 100
150 158.2 123.7 185.5
115 65.5 49.9 74.9



#5
2-Fluorophenol
Concen: 58.771 ng
RT: 5.452 min Scan# 538
Delta R.T. 0.000 min
Lab File: BF128585.D
Acq: 29 May 2022 21:58

Tgt Ion:112 Resp: 325576
Ion Ratio Lower Upper
112 100
64 67.4 53.3 79.9
63 36.0 28.0 42.0

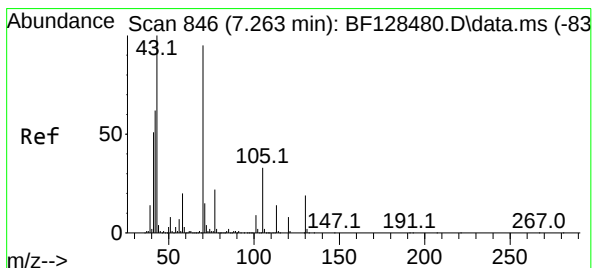
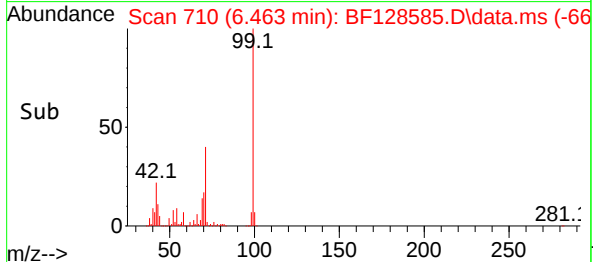
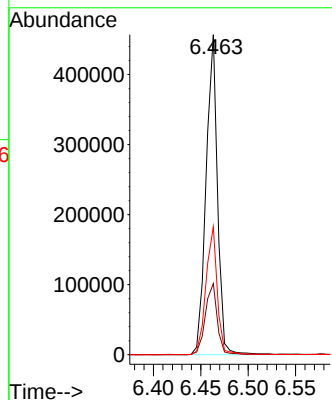
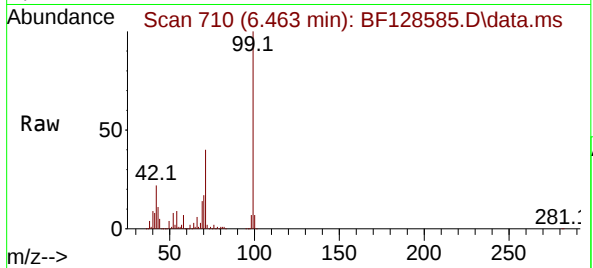




#7
Phenol-d6
Concen: 54.293 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128585.D
Acq: 29 May 2022 21:58

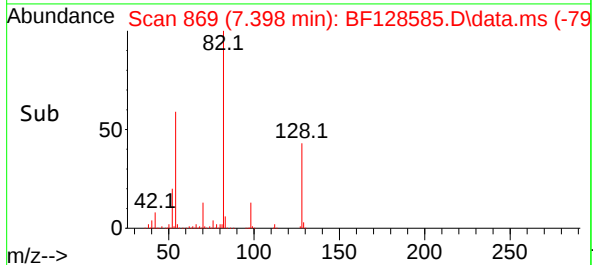
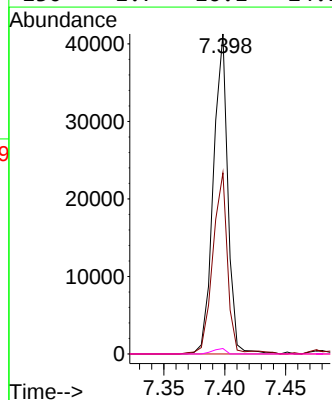
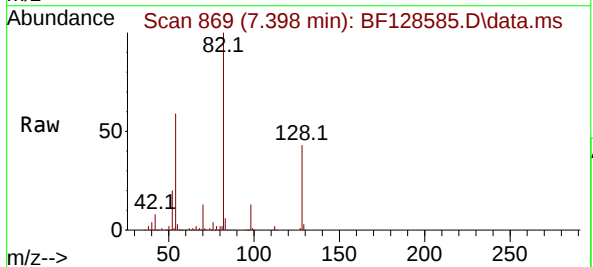
Instrument :
BNA_F
ClientSampleId :
P035-SS001-0006-02

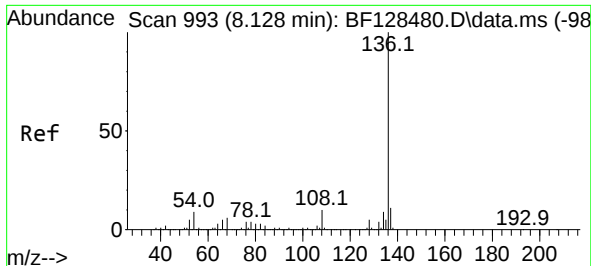
Tgt Ion: 99 Resp: 383490
Ion Ratio Lower Upper
99 100
42 22.2 17.3 25.9
71 39.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 7.871 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128585.D
Acq: 29 May 2022 21:58

Tgt Ion: 70 Resp: 34089
Ion Ratio Lower Upper
70 100
42 56.6 52.3 78.5
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#

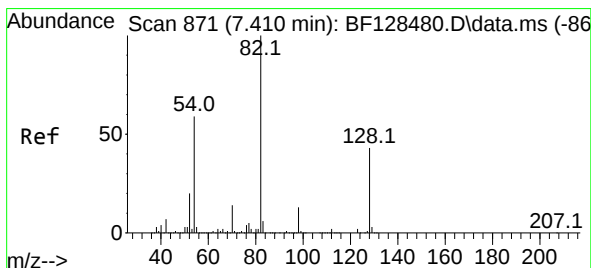
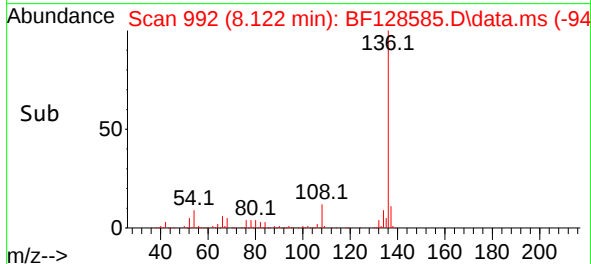
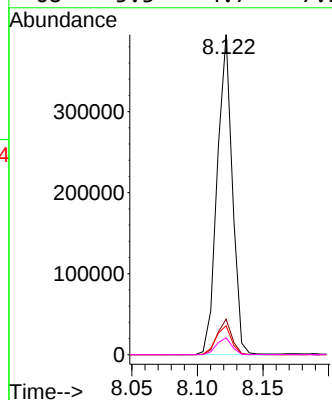
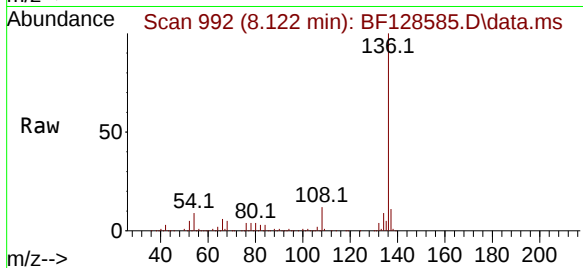




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128585.D
Acq: 29 May 2022 21:58

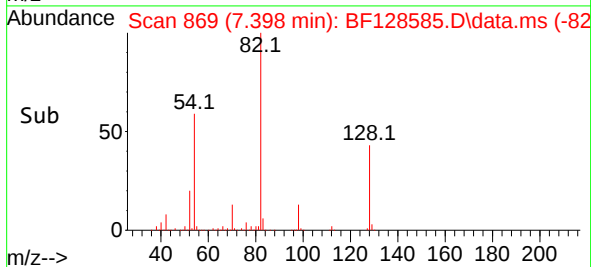
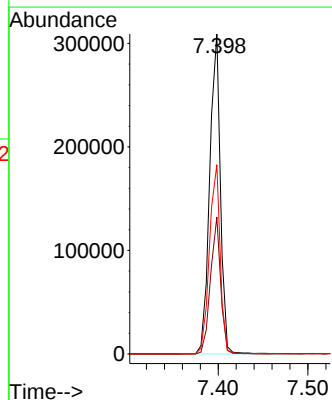
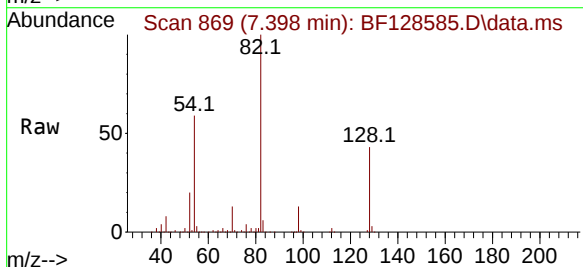
Instrument :
BNA_F
ClientSampleId :
P035-SS001-0006-02

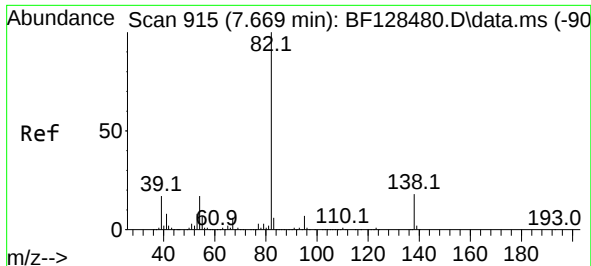
Tgt Ion:	136	Resp:	316350
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.0	7.5	11.3
68	5.3	4.7	7.1



#23
Nitrobenzene-d5
Concen: 46.717 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128585.D
Acq: 29 May 2022 21:58

Tgt Ion:	82	Resp:	256185
Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.0	51.0
54	59.1	46.9	70.3

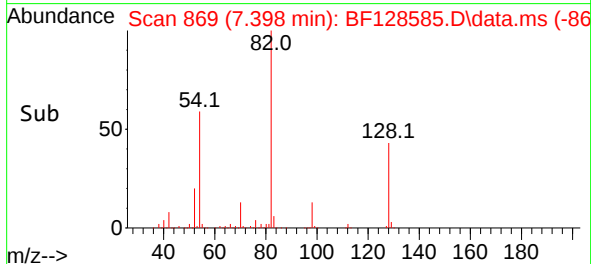
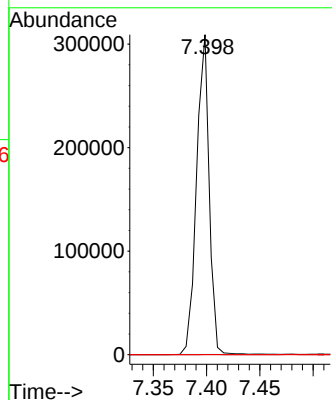
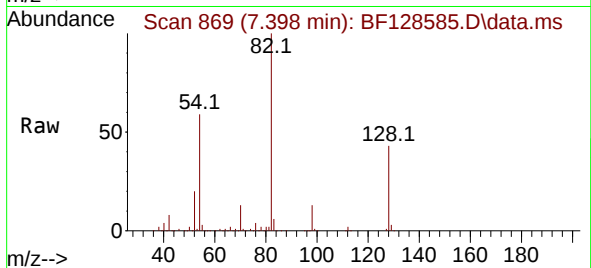




#25
Isophorone
Concen: 25.137 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.270 min
Lab File: BF128585.D
Acq: 29 May 2022 21:58

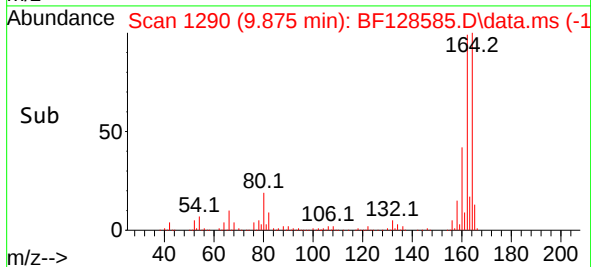
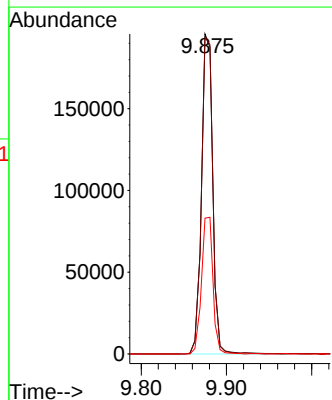
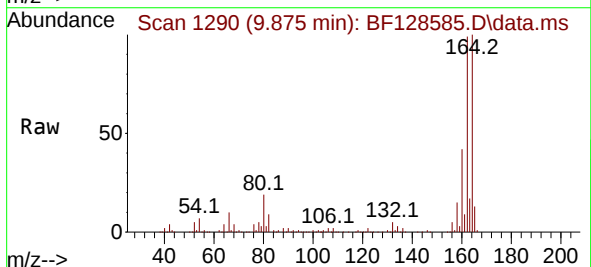
Instrument :
BNA_F
ClientSampleId :
P035-SS001-0006-02

Tgt Ion: 82 Resp: 254295
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: BF128585.D
Acq: 29 May 2022 21:58

Tgt Ion: 164 Resp: 178862
Ion Ratio Lower Upper
164 100
162 98.9 79.5 119.3
160 42.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 68.315 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128585.D

Acq: 29 May 2022 21:58

Instrument :

BNA_F

ClientSampleId :

P035-SS001-0006-02

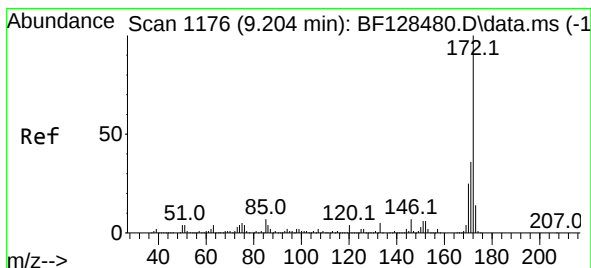
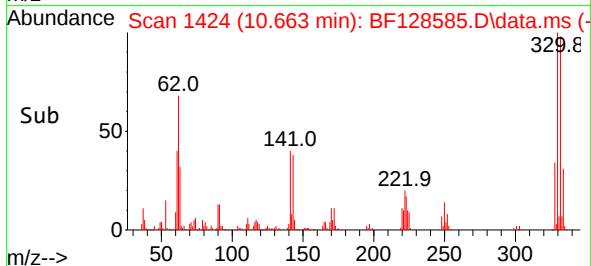
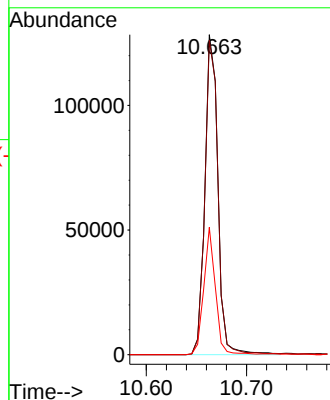
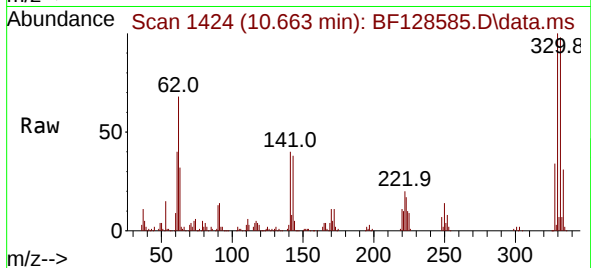
Tgt Ion:330 Resp: 116304

Ion Ratio Lower Upper

330 100

332 99.2 76.8 115.2

141 36.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 46.488 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128585.D

Acq: 29 May 2022 21:58

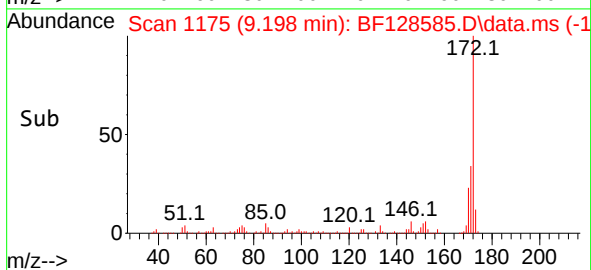
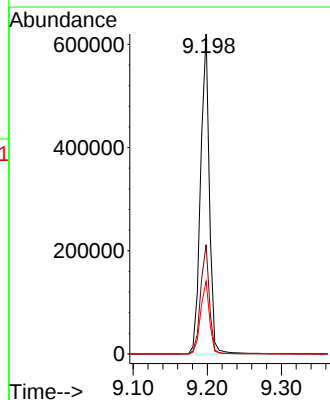
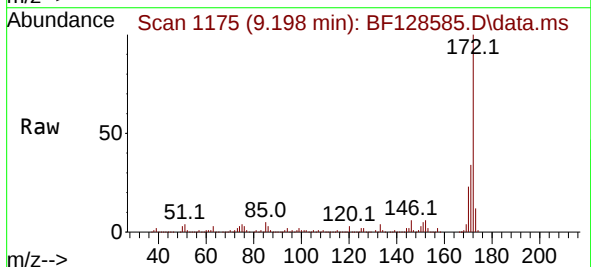
Tgt Ion:172 Resp: 511803

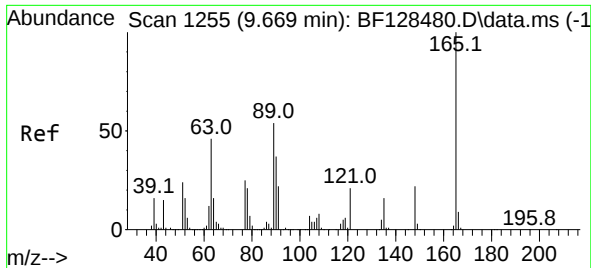
Ion Ratio Lower Upper

172 100

171 34.1 28.8 43.2

170 22.7 19.8 29.8

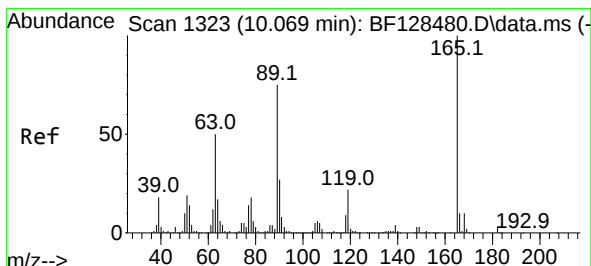
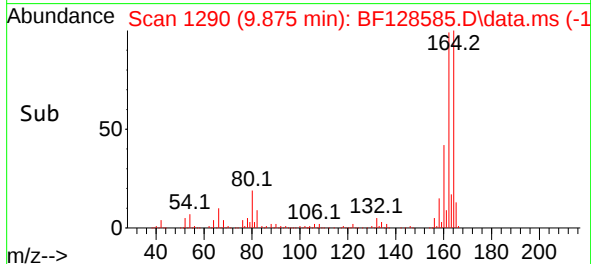
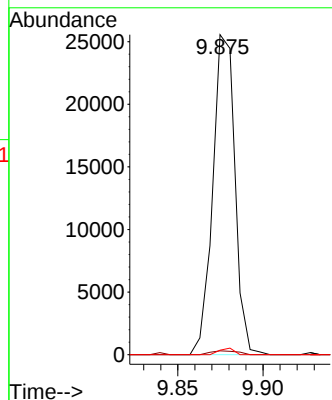
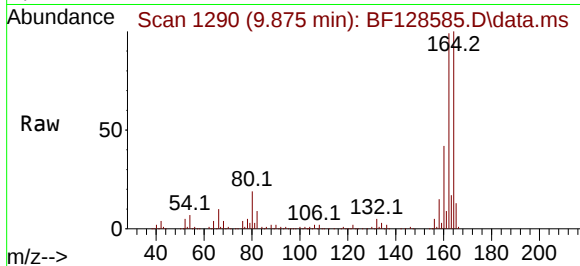




#51
2,6-Dinitrotoluene
Concen: 10.892 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128585.D
Acq: 29 May 2022 21:58

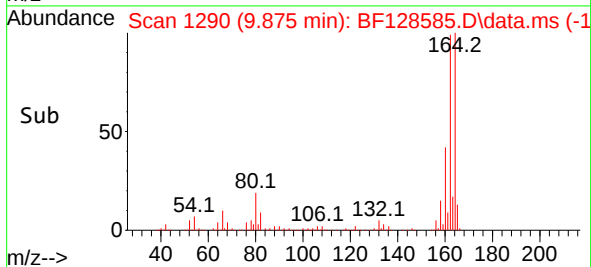
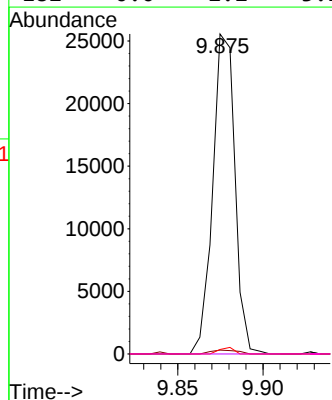
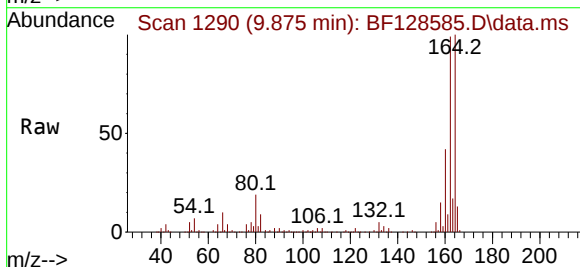
Instrument :
BNA_F
ClientSampleId :
P035-SS001-0006-02

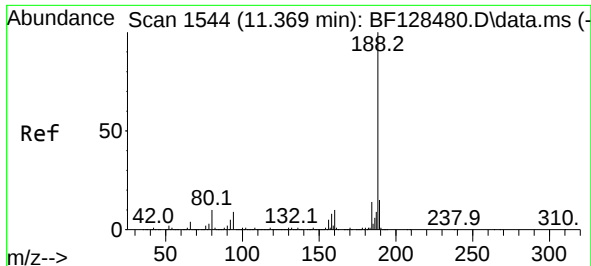
Tgt Ion:165 Resp: 23160
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 9.104 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.194 min
Lab File: BF128585.D
Acq: 29 May 2022 21:58

Tgt Ion:165 Resp: 23160
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#

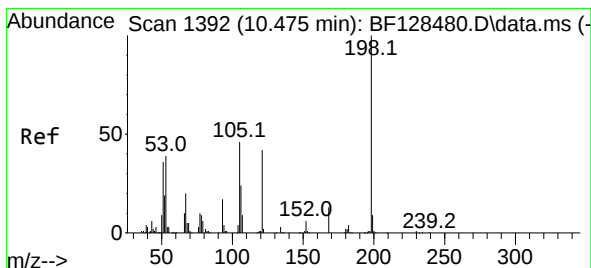
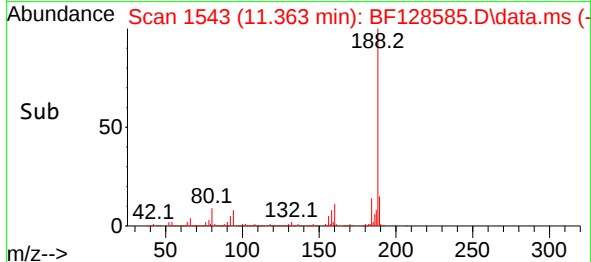
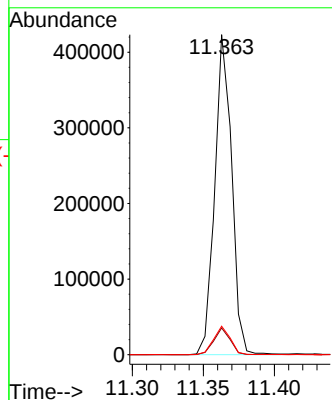
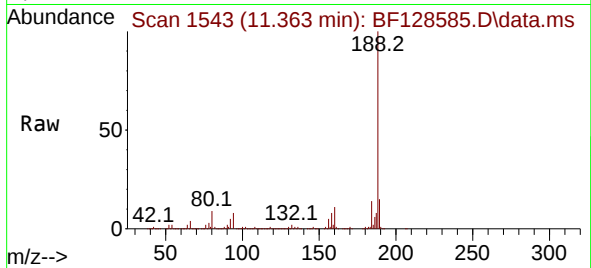




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128585.D
Acq: 29 May 2022 21:58

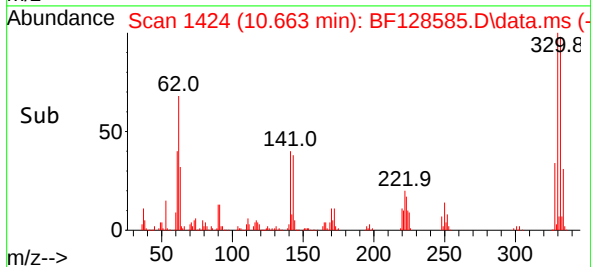
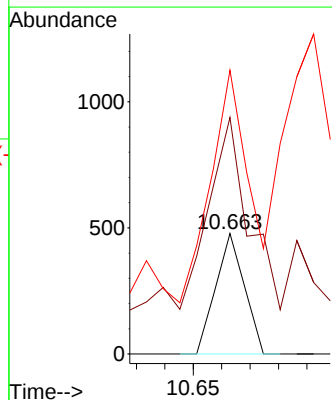
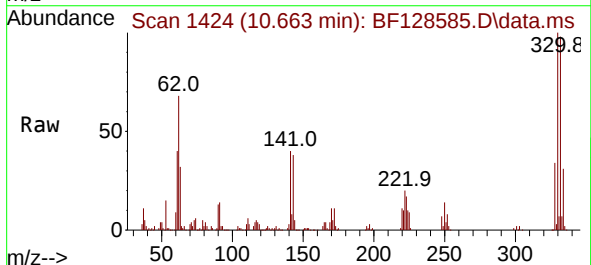
Instrument :
BNA_F
ClientSampleId :
P035-SS001-0006-02

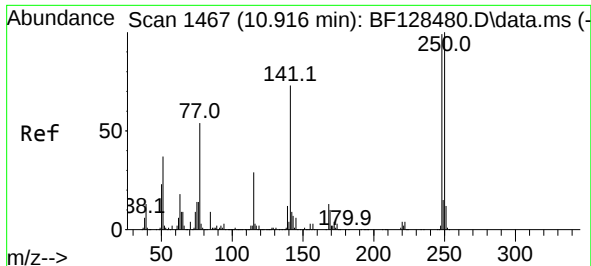
Tgt Ion:188 Resp: 350177
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 8.9 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.685 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128585.D
Acq: 29 May 2022 21:58

Tgt Ion:198 Resp: 334
Ion Ratio Lower Upper
198 100
51 196.2 37.6 77.6#
105 235.4 27.0 67.0#





#67

4-Bromophenyl-phenylether

Concen: 2.127 ng

RT: 10.663 min Scan# 1467

Delta R.T. -0.253 min

Lab File: BF128585.D

Acq: 29 May 2022 21:58

Instrument :

BNA_F

ClientSampleId :

P035-SS001-0006-02

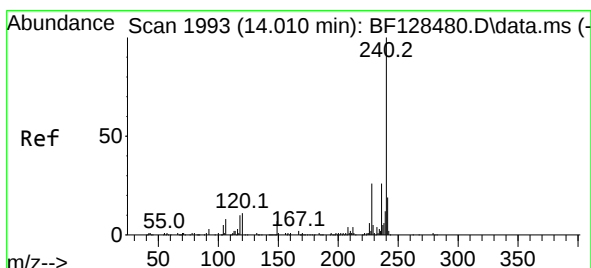
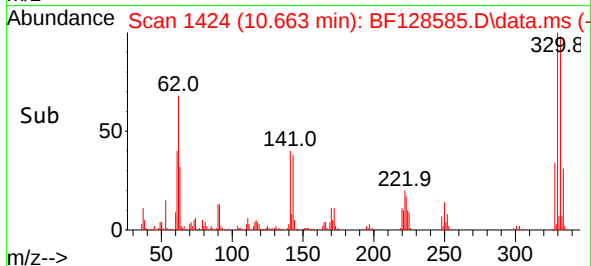
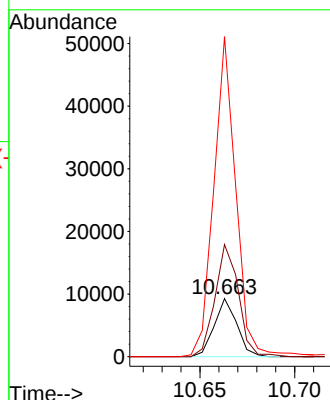
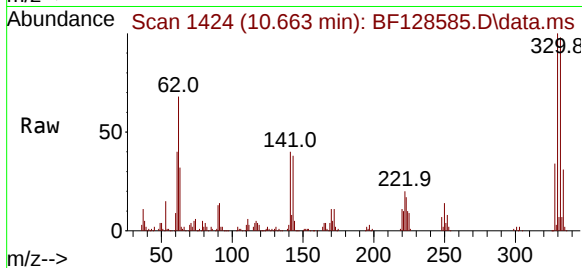
Tgt Ion:248 Resp: 7697

Ion Ratio Lower Upper

248 100

250 193.2 80.6 120.8#

141 551.3 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: BF128585.D

Acq: 29 May 2022 21:58

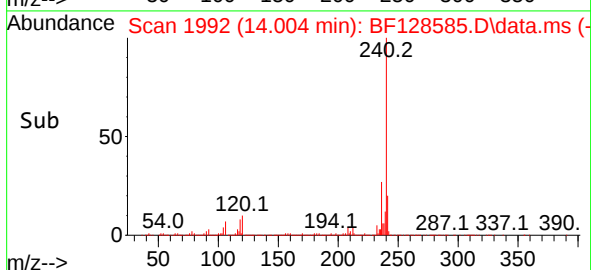
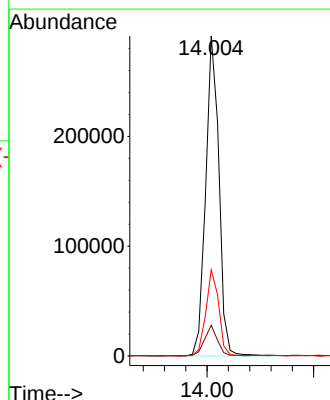
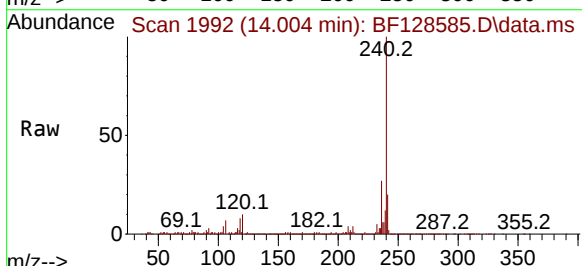
Tgt Ion:240 Resp: 253002

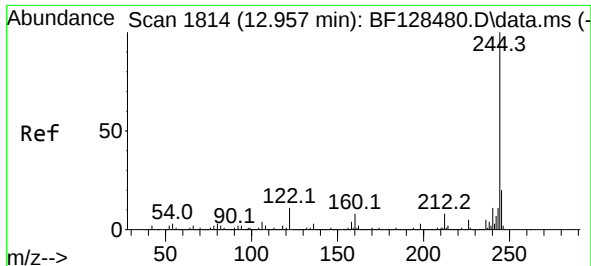
Ion Ratio Lower Upper

240 100

120 9.6 8.9 13.3

236 26.9 20.8 31.2

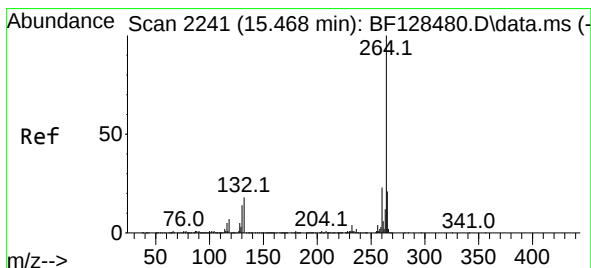
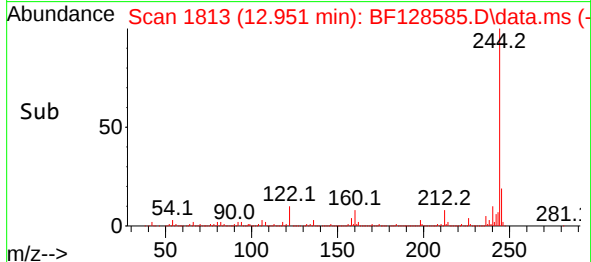
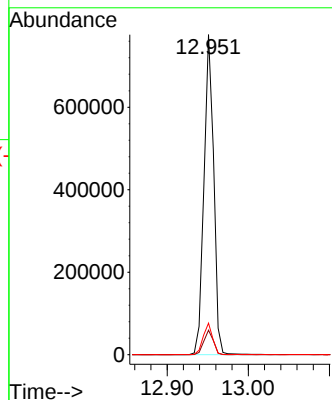
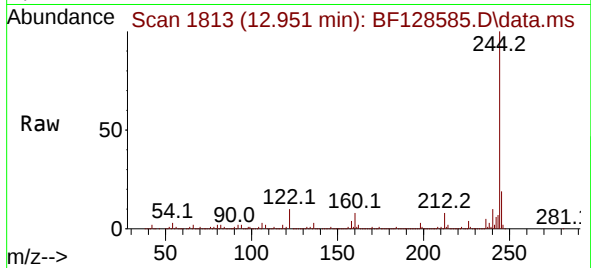




#79
 Terphenyl-d14
 Concen: 49.224 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF128585.D
 Acq: 29 May 2022 21:58

Instrument :
 BNA_F
 ClientSampleId :
 P035-SS001-0006-02

Tgt Ion:244 Resp: 644615
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 9.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2242
 Delta R.T. 0.006 min
 Lab File: BF128585.D
 Acq: 29 May 2022 21:58

Tgt Ion:264 Resp: 188683
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.0 17.2 25.8

