

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
 Data File : BF128576.D
 Acq On : 29 May 2022 17:32
 Operator : CG\JU
 Sample : N2951-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P035-SS001-0612-01

Quant Time: May 30 00:51:58 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)

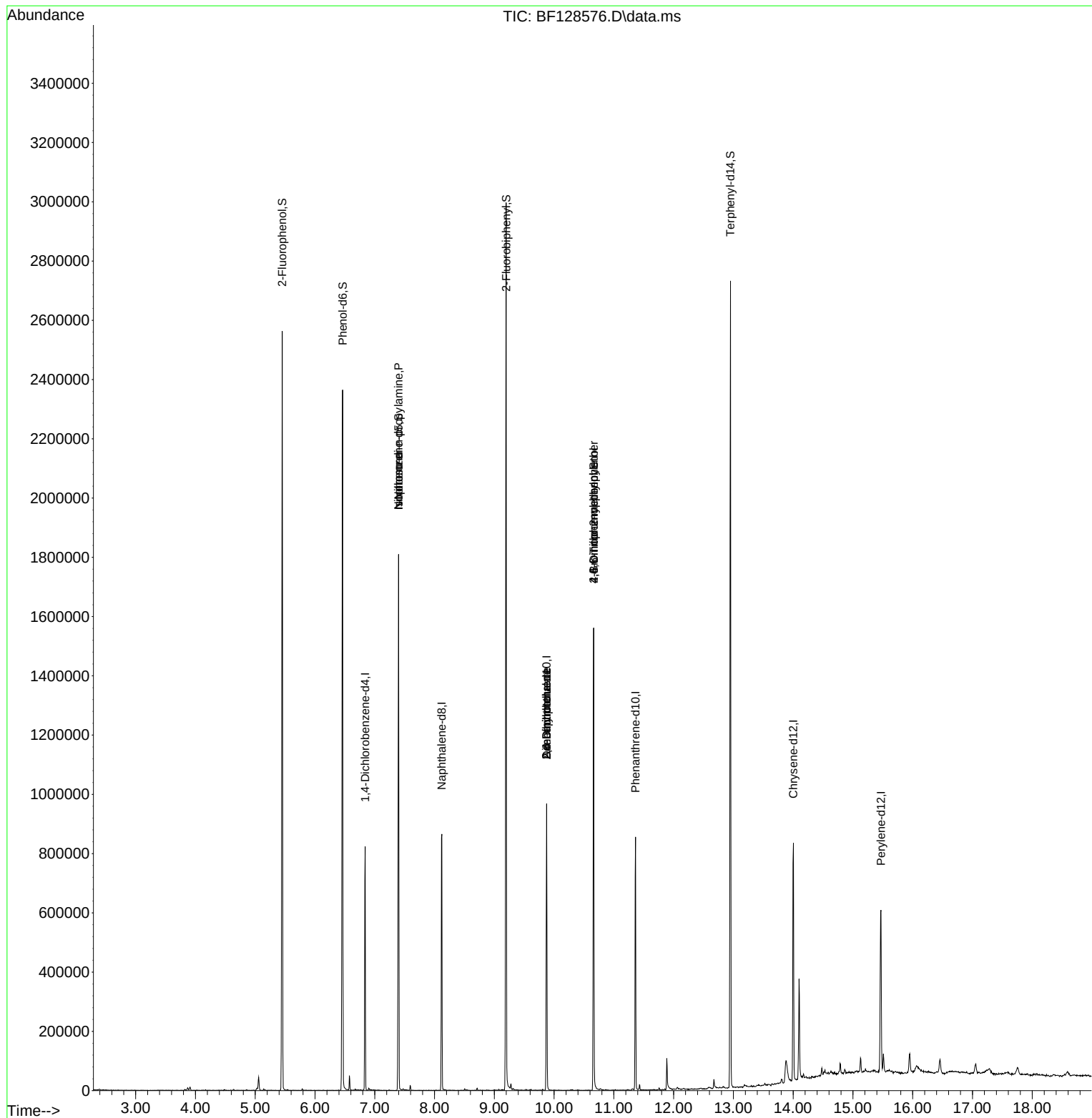
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	110410	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	374201	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	182304	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	304294	20.000	ng	0.00
76) Chrysene-d12	14.004	240	286925	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	262280	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	617980	92.711	ng	0.00
7) Phenol-d6	6.463	99	737563	86.783	ng	0.00
23) Nitrobenzene-d5	7.398	82	499677	77.032	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	171263	98.698	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	860018	76.643	ng	0.00
79) Terphenyl-d14	12.951	244	849620	57.208	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.410	77	54	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	68108	13.070	ng	# 77
25) Isophorone	7.398	82	497022	41.536	ng	# 65
50) Dimethylphthalate	9.875	163	31479	2.662	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	22723	10.485	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	22723	8.764	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	374	5.737	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	11172	3.554	ng	# 1

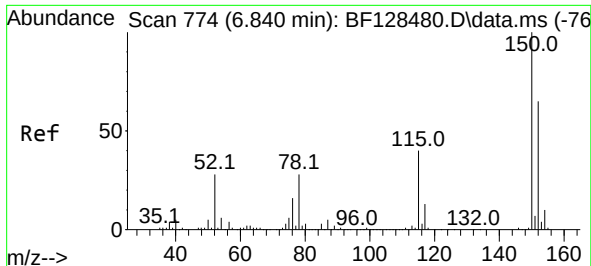
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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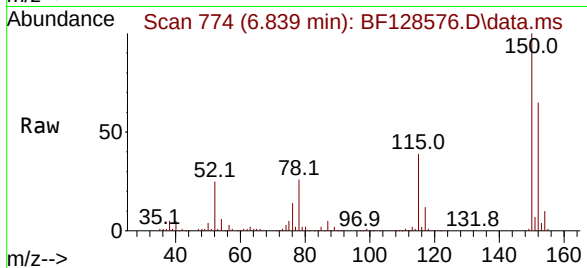
Quant Time: May 30 00:51:58 2022
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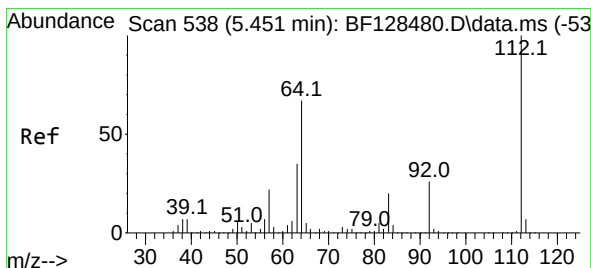
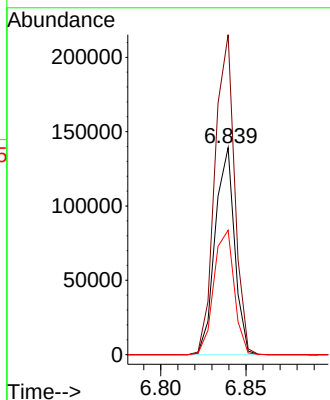
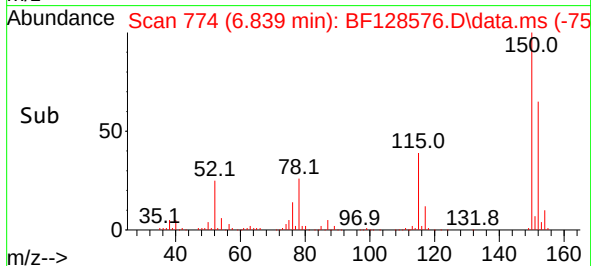


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 71
Delta R.T. -0.001 min
Lab File: BF128576.D
Acq: 29 May 2022 17:32

Instrument :
BNA_F
ClientSampleId :
P035-SS001-0612-01

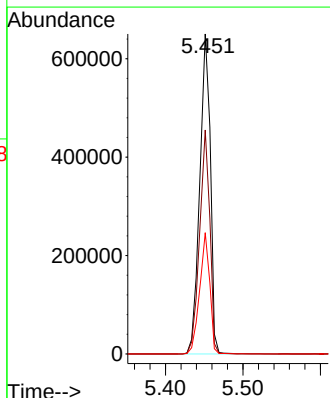
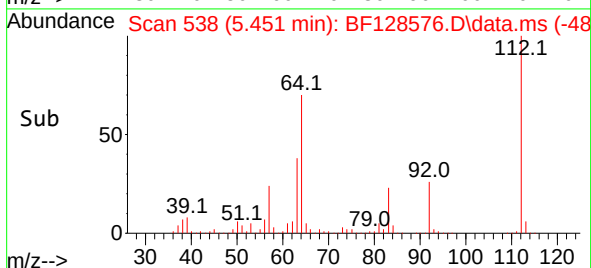
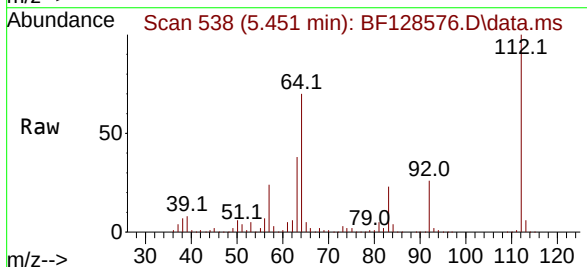


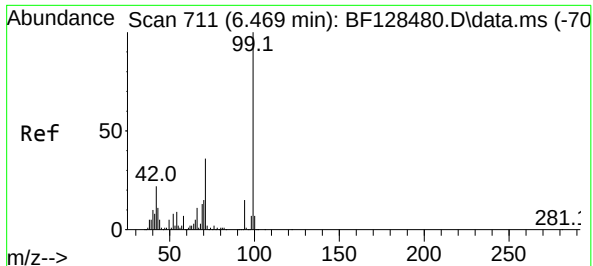
Tgt Ion:152 Resp: 110410
Ion Ratio Lower Upper
152 100
150 154.5 123.7 185.5
115 60.1 49.9 74.9



#5
2-Fluorophenol
Concen: 92.711 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF128576.D
Acq: 29 May 2022 17:32

Tgt Ion:112 Resp: 617980
Ion Ratio Lower Upper
112 100
64 70.0 53.3 79.9
63 37.9 28.0 42.0

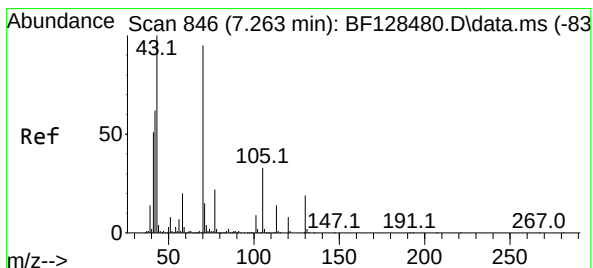
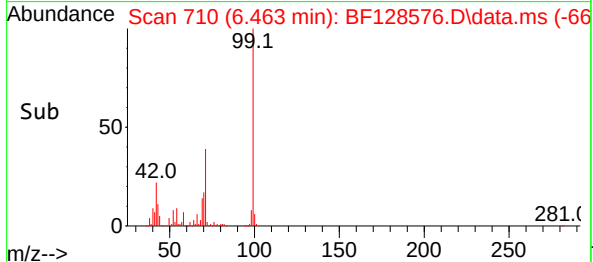
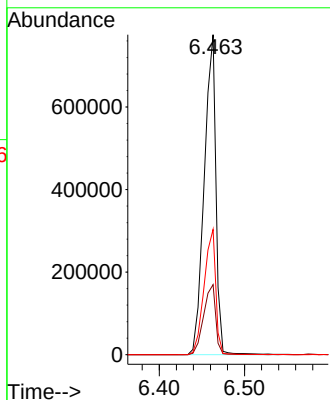
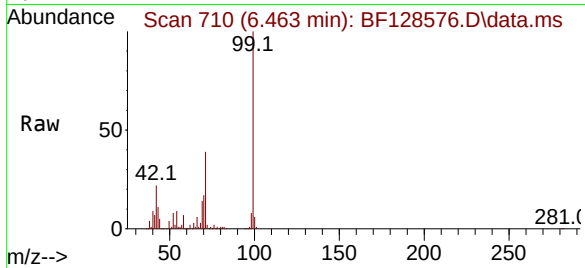




#7
Phenol-d6
Concen: 86.783 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128576.D
Acq: 29 May 2022 17:32

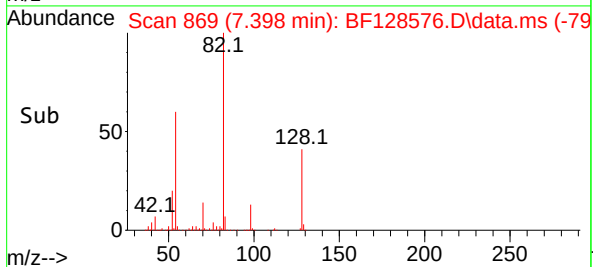
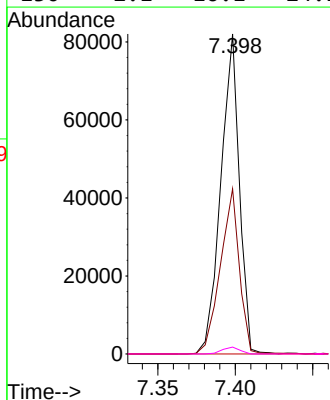
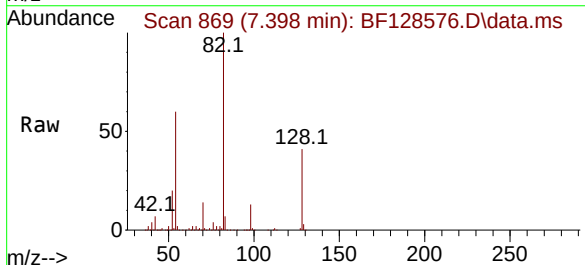
Instrument :
BNA_F
ClientSampleId :
P035-SS001-0612-01

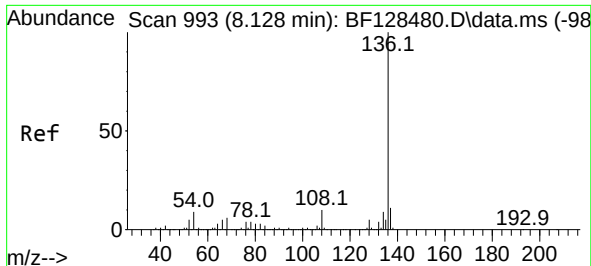
Tgt Ion: 99 Resp: 737563
Ion Ratio Lower Upper
99 100
42 21.9 17.3 25.9
71 39.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.070 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128576.D
Acq: 29 May 2022 17:32

Tgt Ion: 70 Resp: 68108
Ion Ratio Lower Upper
70 100
42 51.6 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#

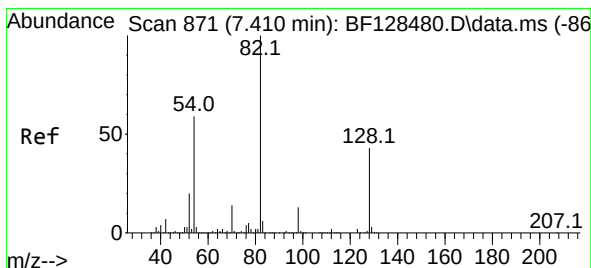
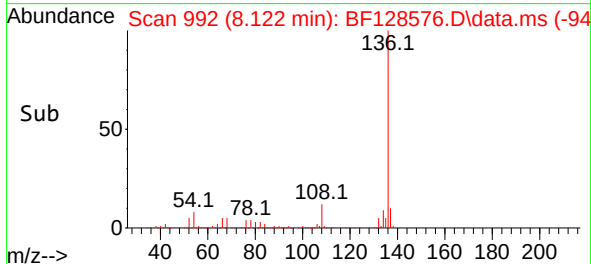
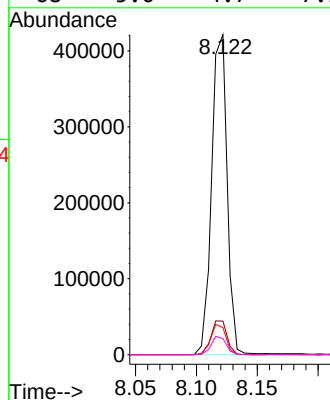
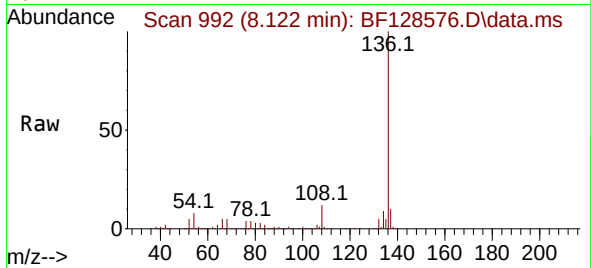




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128576.D
Acq: 29 May 2022 17:32

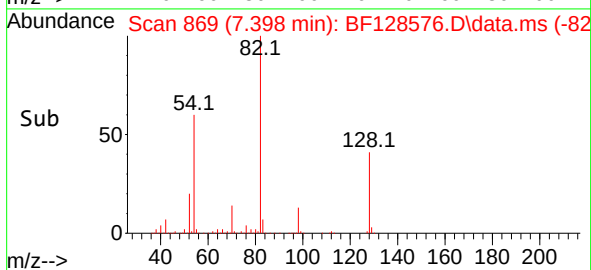
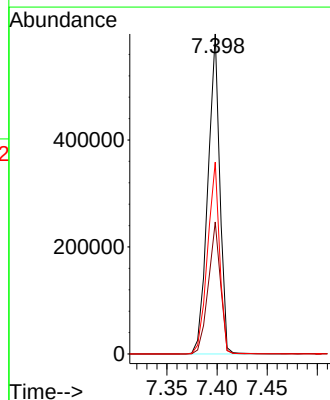
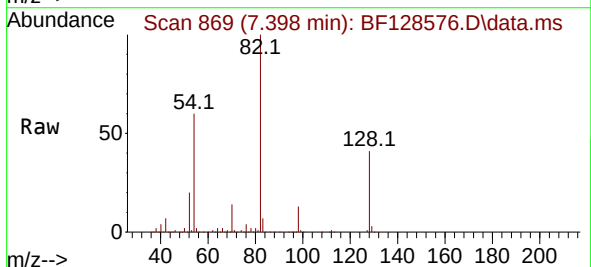
Instrument :
BNA_F
ClientSampleId :
P035-SS001-0612-01

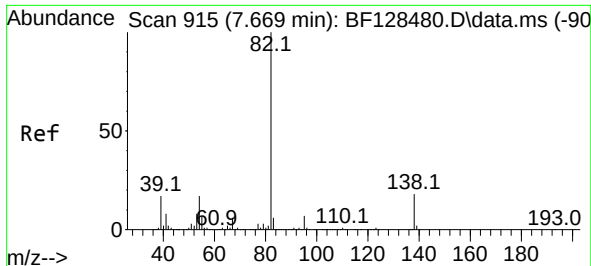
Tgt Ion:	136	Resp:	374201
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.5	7.5	11.3
68	5.0	4.7	7.1



#23
Nitrobenzene-d5
Concen: 77.032 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128576.D
Acq: 29 May 2022 17:32

Tgt Ion:	82	Resp:	499677
Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.0	51.0
54	59.9	46.9	70.3

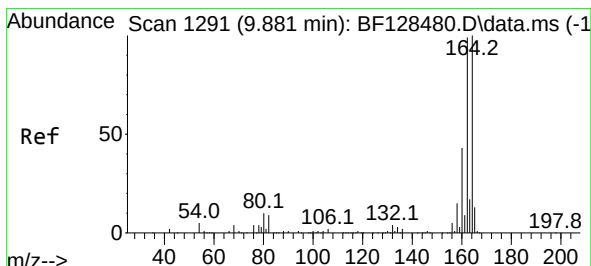
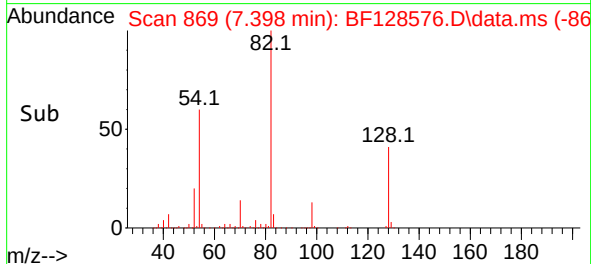
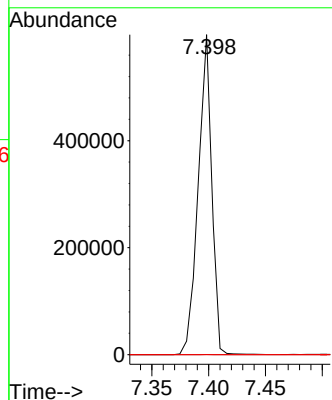
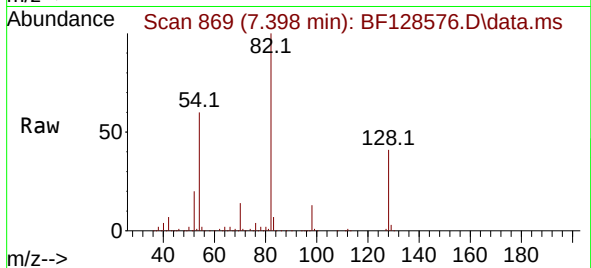




#25
Isophorone
Concen: 41.536 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.271 min
Lab File: BF128576.D
Acq: 29 May 2022 17:32

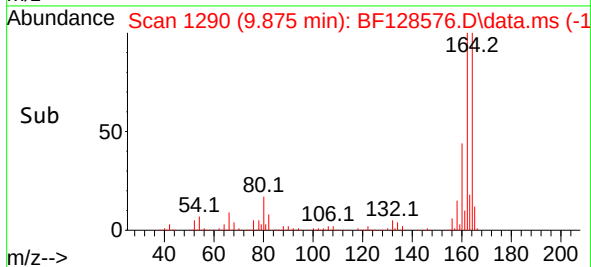
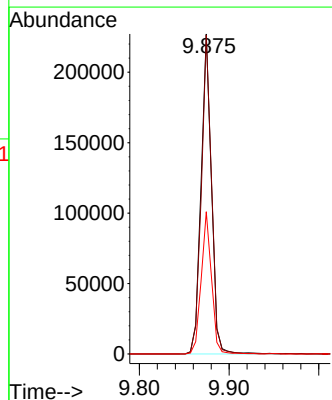
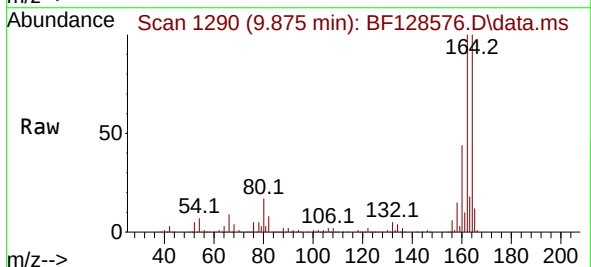
Instrument :
BNA_F
ClientSampleId :
P035-SS001-0612-01

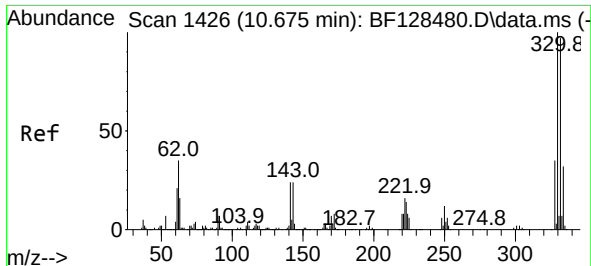
Tgt Ion: 82 Resp: 497022
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128576.D
Acq: 29 May 2022 17:32

Tgt Ion: 164 Resp: 182304
Ion Ratio Lower Upper
164 100
162 99.7 79.5 119.3
160 44.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 98.698 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128576.D

Acq: 29 May 2022 17:32

Instrument :

BNA_F

ClientSampleId :

P035-SS001-0612-01

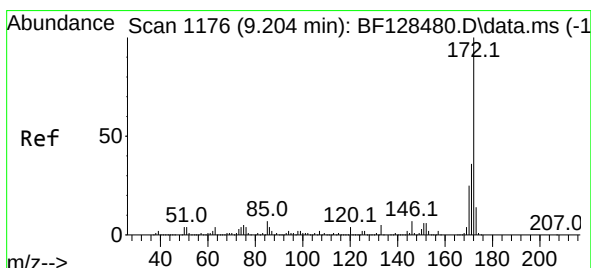
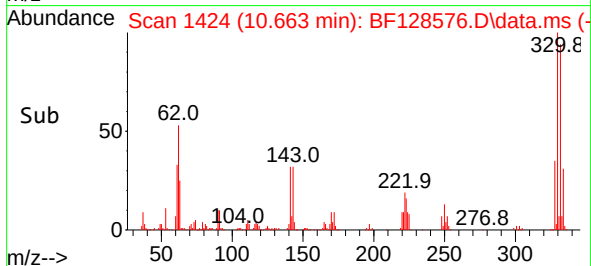
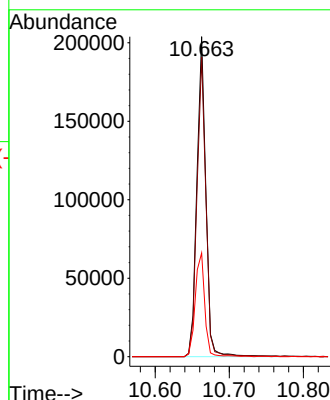
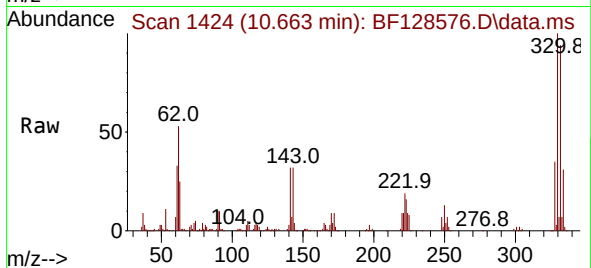
Tgt Ion:330 Resp: 171263

Ion Ratio Lower Upper

330 100

332 93.7 76.8 115.2

141 34.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 76.643 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128576.D

Acq: 29 May 2022 17:32

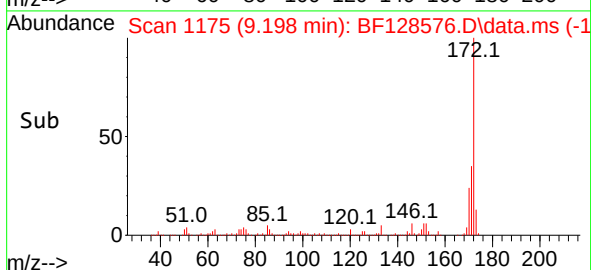
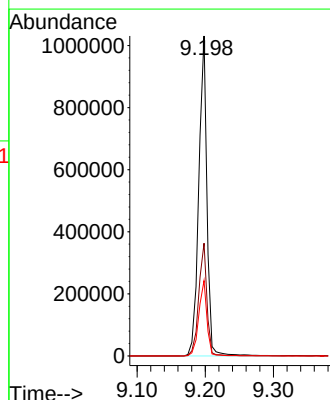
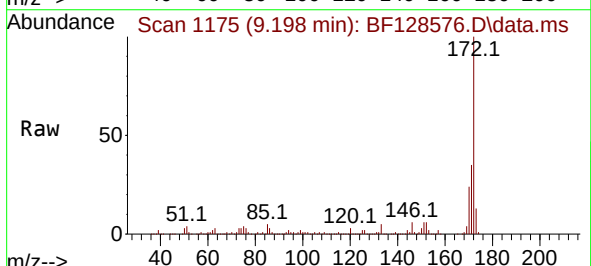
Tgt Ion:172 Resp: 860018

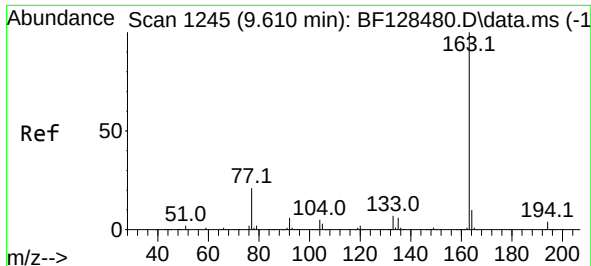
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.6 19.8 29.8

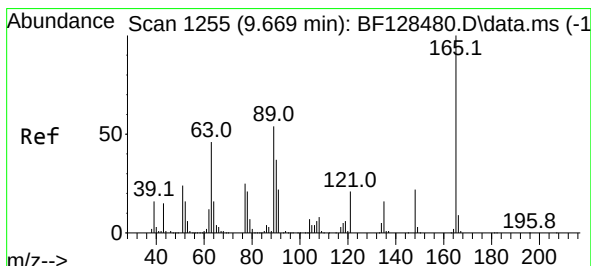
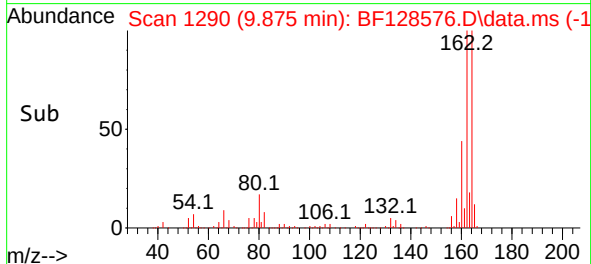
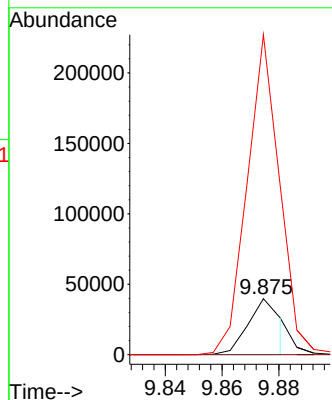
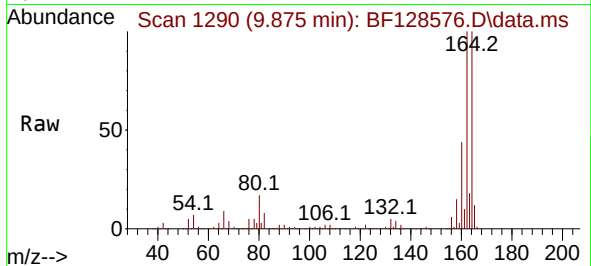




#50
Dimethylphthalate
Concen: 2.662 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128576.D
Acq: 29 May 2022 17:32

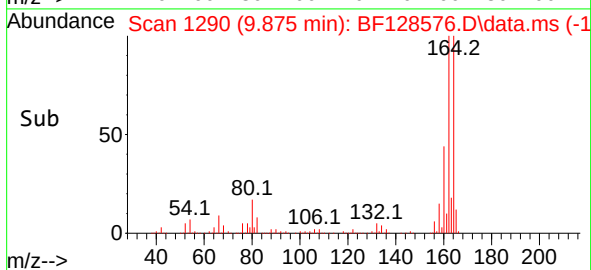
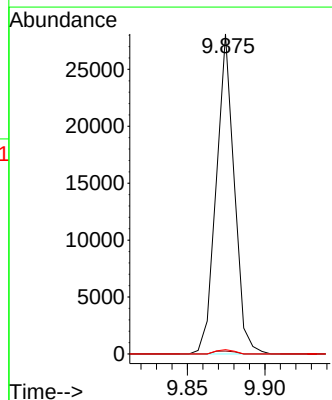
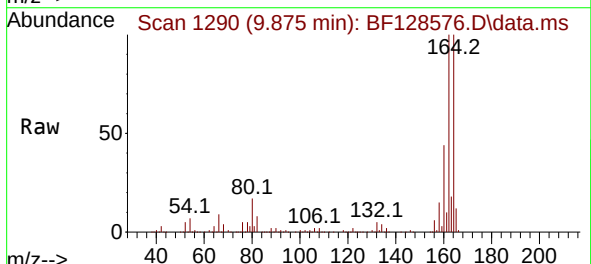
Instrument :
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P035-SS001-0612-01

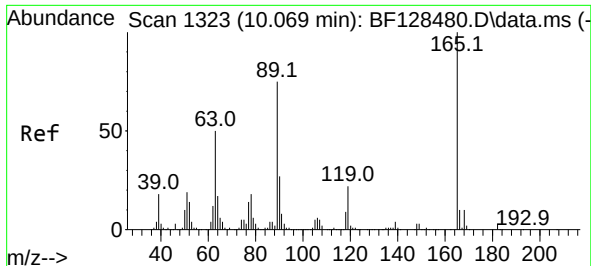
Tgt Ion:163 Resp: 31479
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 570.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.485 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128576.D
Acq: 29 May 2022 17:32

Tgt Ion:165 Resp: 22723
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.3 43.6 65.4#

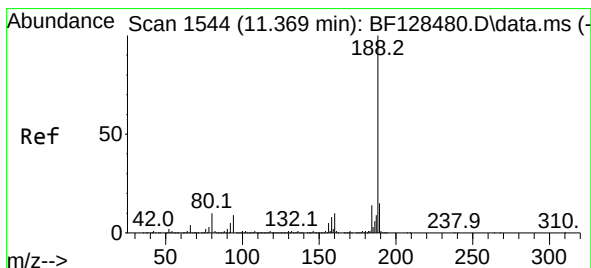
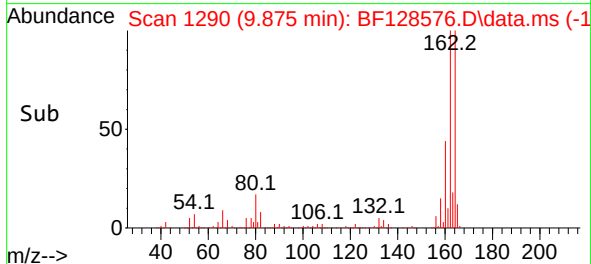
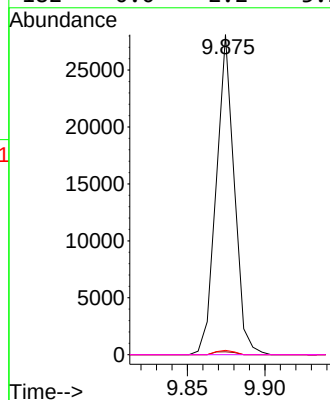
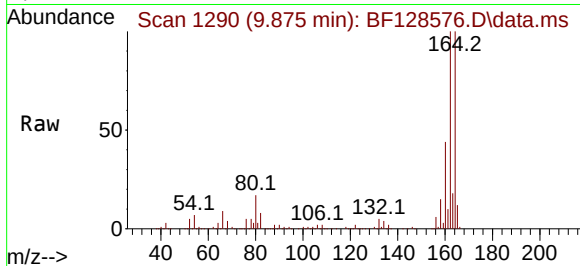




#57
2,4-Dinitrotoluene
Concen: 8.764 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128576.D
Acq: 29 May 2022 17:32

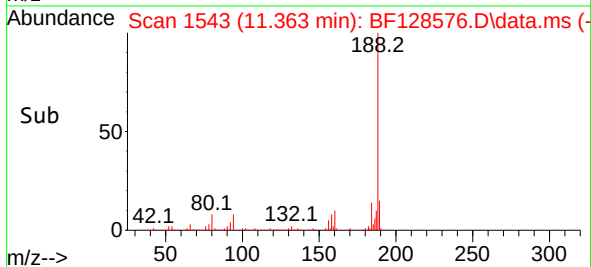
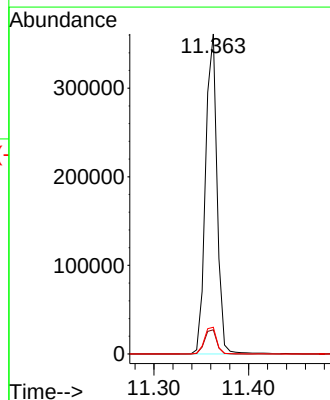
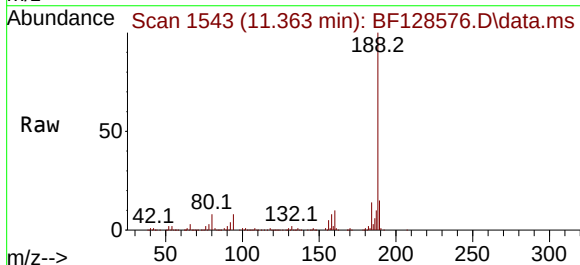
Instrument :
BNA_F
ClientSampleId :
P035-SS001-0612-01

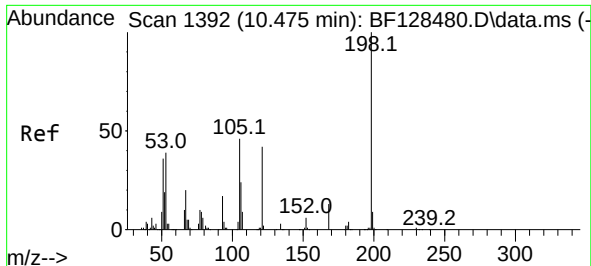
Tgt Ion:165 Resp: 22723
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128576.D
Acq: 29 May 2022 17:32

Tgt Ion:188 Resp: 304294
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 8.4 7.6 11.4





#65

4,6-Dinitro-2-methylphenol

Concen: 5.737 ng

RT: 10.663 min Scan# 1424

Delta R.T. 0.188 min

Lab File: BF128576.D

Acq: 29 May 2022 17:32

Instrument :

BNA_F

ClientSampleId :

P035-SS001-0612-01

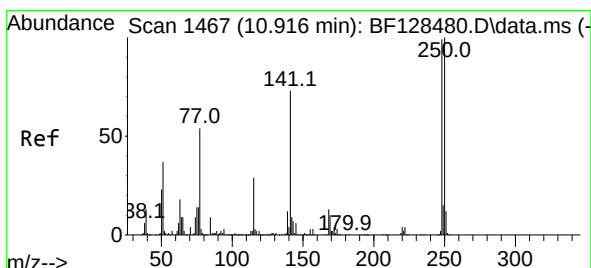
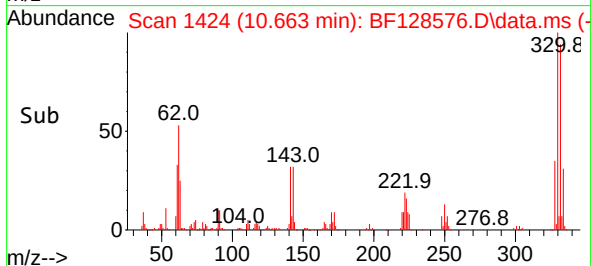
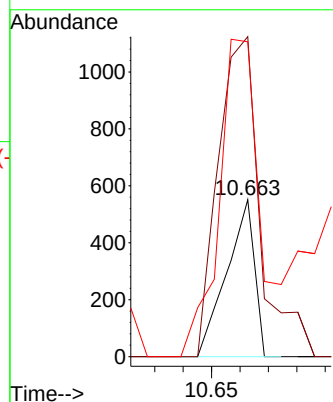
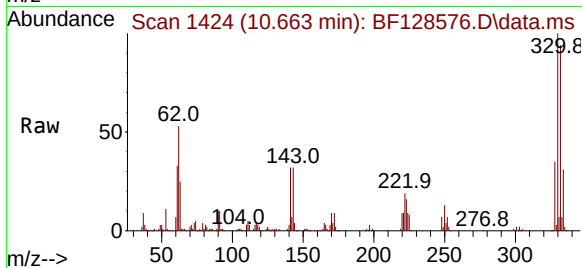
Tgt Ion:198 Resp: 374

Ion Ratio Lower Upper

198 100

51 204.0 37.6 77.6#

105 200.7 27.0 67.0#



#67

4-Bromophenyl-phenylether

Concen: 3.554 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.253 min

Lab File: BF128576.D

Acq: 29 May 2022 17:32

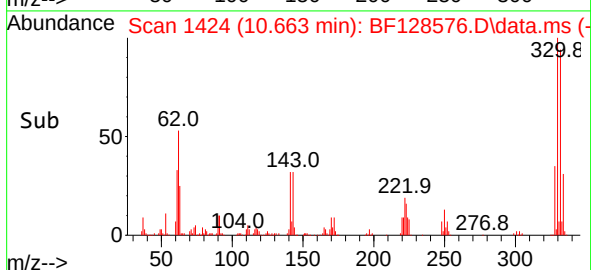
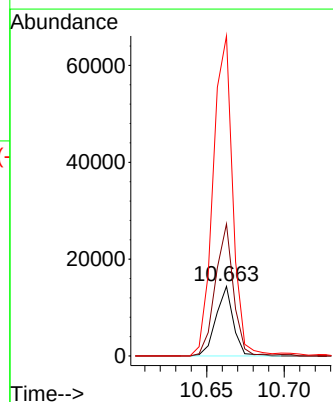
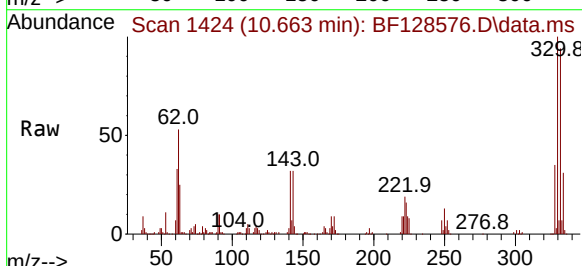
Tgt Ion:248 Resp: 11172

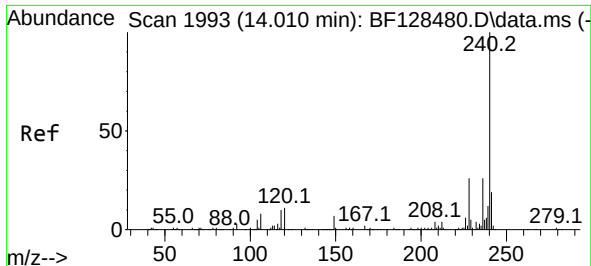
Ion Ratio Lower Upper

248 100

250 189.5 80.6 120.8#

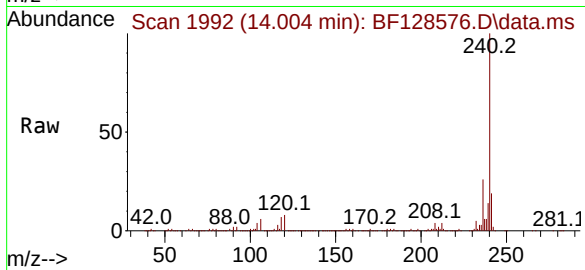
141 459.3 58.9 88.3#



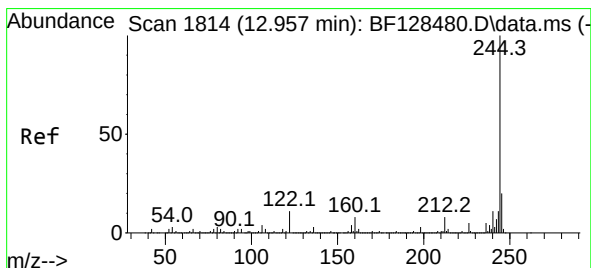
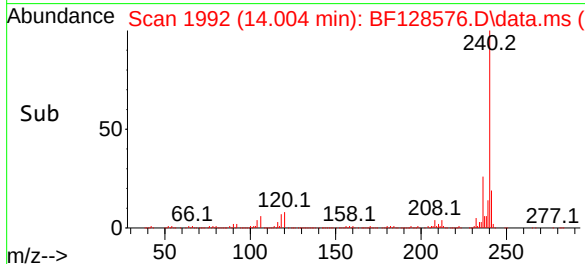
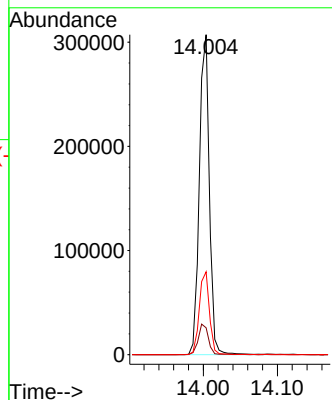


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF128576.D
Acq: 29 May 2022 17:32

Instrument :
BNA_F
ClientSampleId :
P035-SS001-0612-01

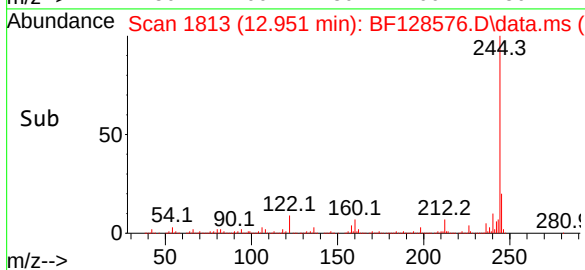
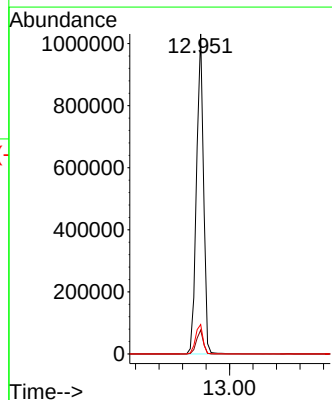
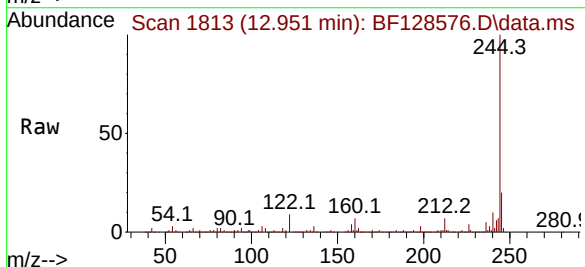


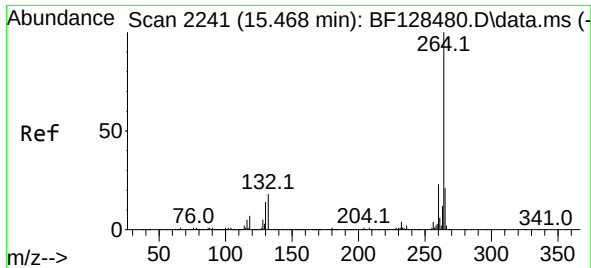
Tgt Ion:240 Resp: 286925
Ion Ratio Lower Upper
240 100
120 8.4 8.9 13.3#
236 25.9 20.8 31.2



#79
Terphenyl-d14
Concen: 57.208 ng
RT: 12.951 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF128576.D
Acq: 29 May 2022 17:32

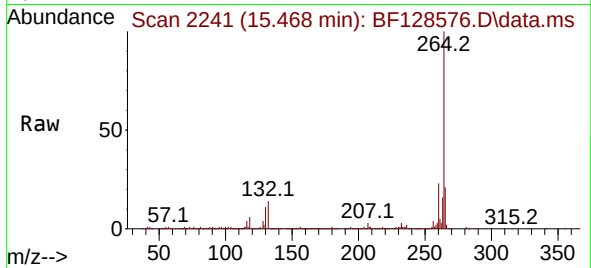
Tgt Ion:244 Resp: 849620
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 9.2 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF128576.D
 Acq: 29 May 2022 17:32

Instrument :
 BNA_F
 ClientSampleId :
 P035-SS001-0612-01



Tgt Ion:264 Resp: 262280
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.1 17.2 25.8

