

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128504.D
 Acq On : 27 May 2022 12:09
 Operator : CG\JU
 Sample : N2922-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P024-SS001-2430-02

Quant Time: May 27 23:17:49 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)

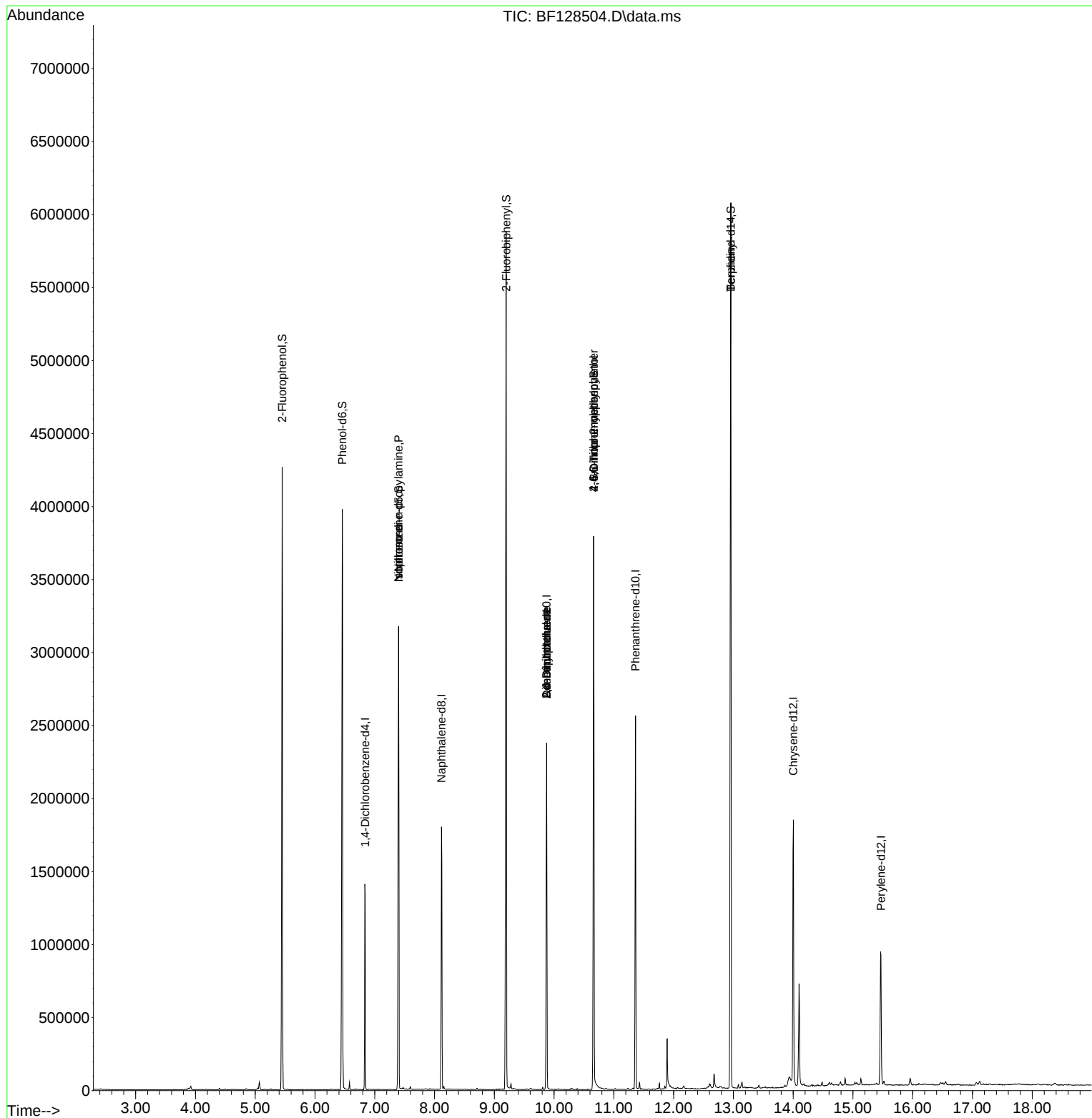
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	203691	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	791526	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	460421	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	894444	20.000	ng	0.00
76) Chrysene-d12	14.004	240	619960	20.000	ng	0.00
86) Perylene-d12	15.468	264	421930	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1215702	98.860	ng	0.00
7) Phenol-d6	6.457	99	1554133	99.120	ng	-0.01
23) Nitrobenzene-d5	7.398	82	1017346	74.146	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	469328	107.093	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1910748	67.423	ng	0.00
79) Terphenyl-d14	12.957	244	2288404	71.313	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.381	77	241	Below Cal	#	43
19) n-Nitroso-di-n-propyla...	7.398	70	138444	14.401	ng	# 79
25) Isophorone	7.398	82	1016377	40.155	ng	# 65
50) Dimethylphthalate	9.875	163	82000	2.746	ng	# 1
51) 2,6-Dinitrotoluene	9.875	165	59182	10.812	ng	# 25
57) 2,4-Dinitrotoluene	9.875	165	59182	9.038	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	1106	5.739	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	30889	3.343	ng	# 1
77) Benzidine	12.957	184	31723	2.218	ng	# 92

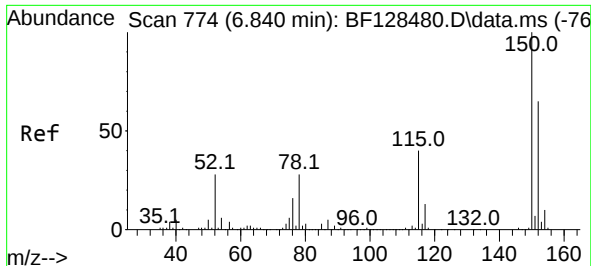
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
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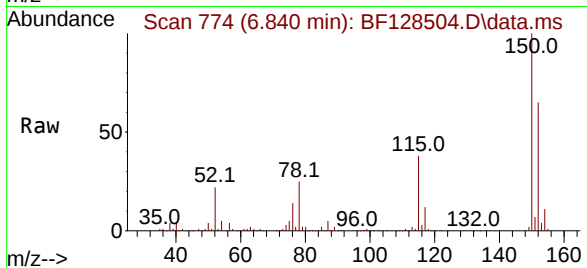
Quant Time: May 27 23:17:49 2022
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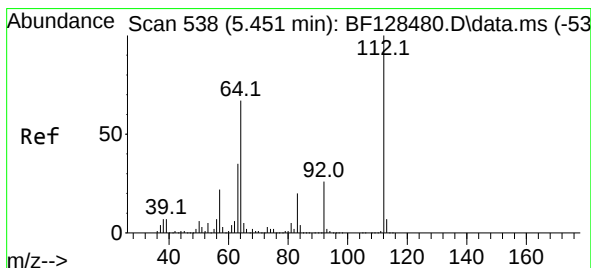
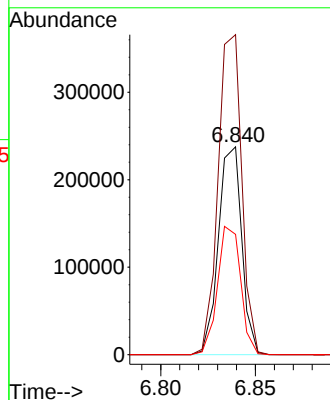
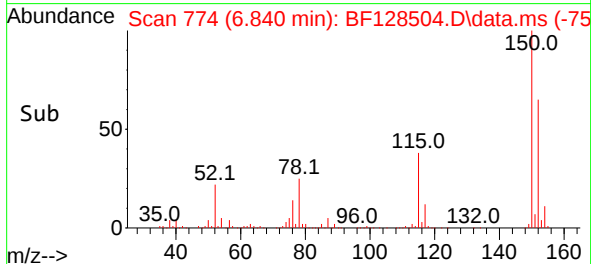


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128504.D
Acq: 27 May 2022 12:09

Instrument :
BNA_F
ClientSampleId :
P024-SS001-2430-02

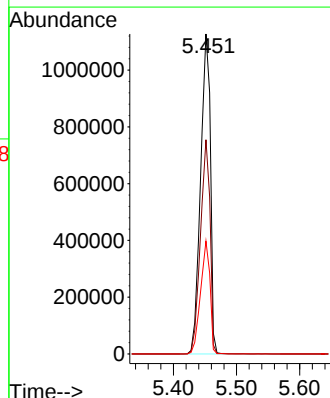
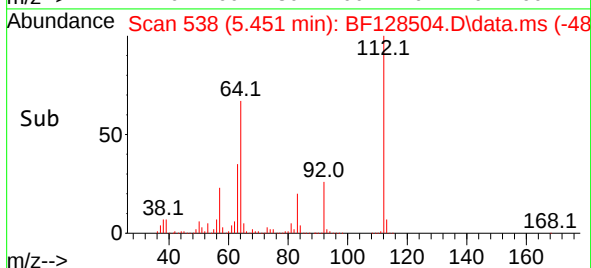
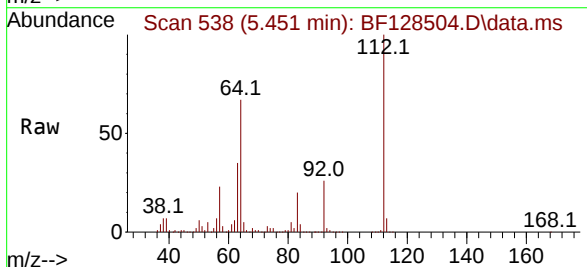


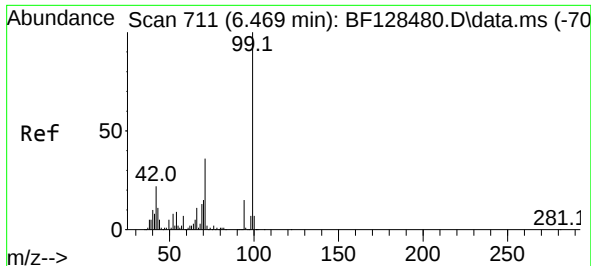
Tgt Ion:152 Resp: 203691
Ion Ratio Lower Upper
152 100
150 154.0 123.7 185.5
115 57.9 49.9 74.9



#5
2-Fluorophenol
Concen: 98.860 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.000 min
Lab File: BF128504.D
Acq: 27 May 2022 12:09

Tgt Ion:112 Resp: 1215702
Ion Ratio Lower Upper
112 100
64 67.0 53.3 79.9
63 35.2 28.0 42.0



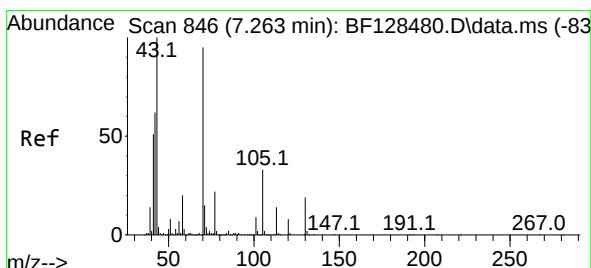
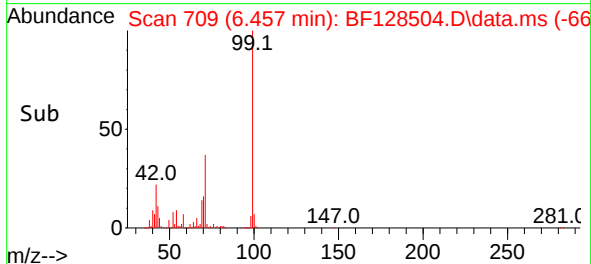
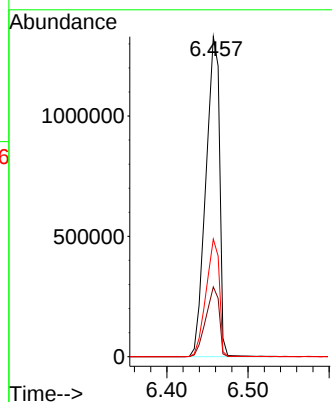
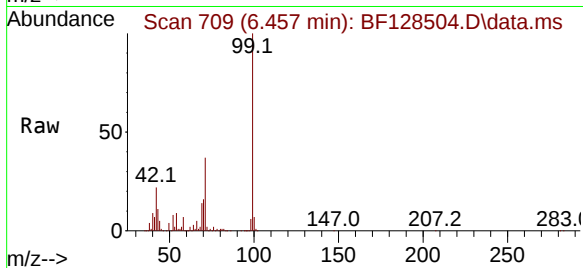


#7
Phenol-d6
Concen: 99.120 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF128504.D
Acq: 27 May 2022 12:09

Instrument :
BNA_F
ClientSampleId :
P024-SS001-2430-02

Tgt Ion: 99 Resp: 1554133

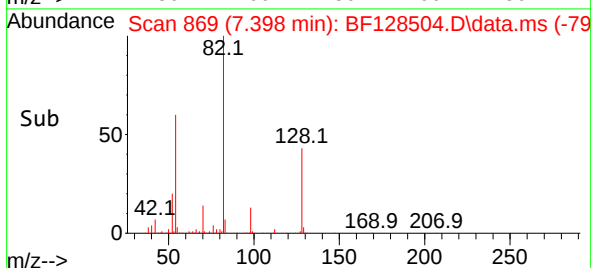
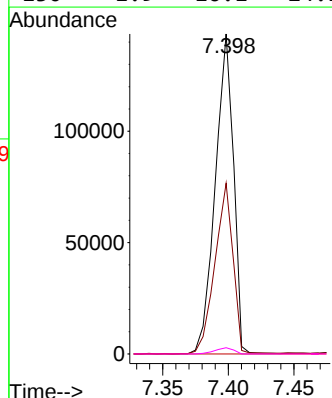
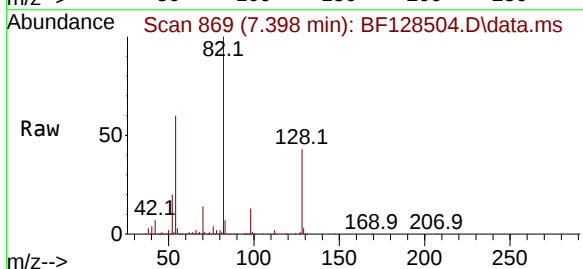
Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.3	25.9
71	36.7	28.9	43.3

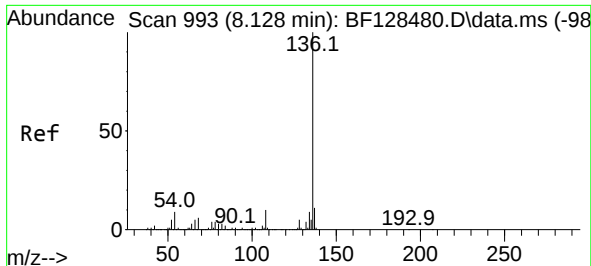


#19
n-Nitroso-di-n-propylamine
Concen: 14.401 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.135 min
Lab File: BF128504.D
Acq: 27 May 2022 12:09

Tgt Ion: 70 Resp: 138444

Ion	Ratio	Lower	Upper
70	100		
42	53.3	52.3	78.5
101	0.0	7.5	11.3#
130	1.9	16.1	24.1#



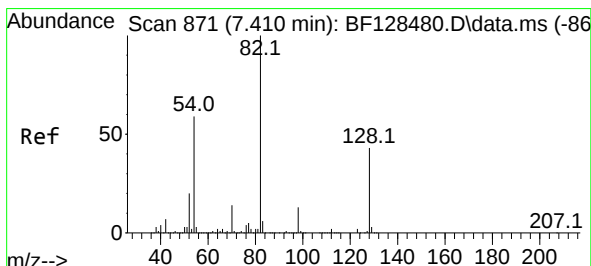
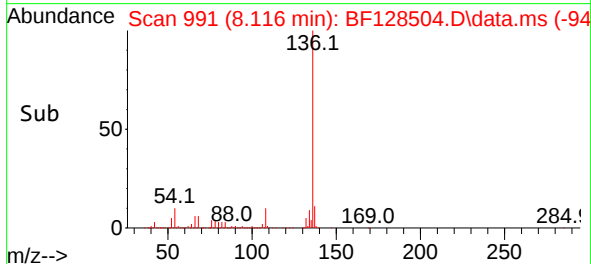
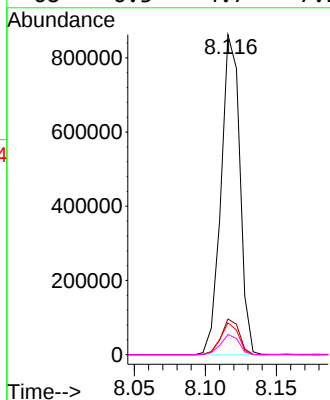
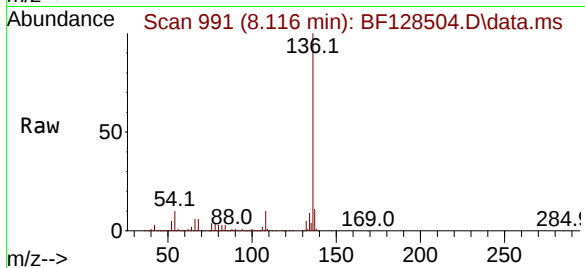


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF128504.D
Acq: 27 May 2022 12:09

Instrument :
BNA_F
ClientSampleId :
P024-SS001-2430-02

Tgt Ion:136 Resp: 791526

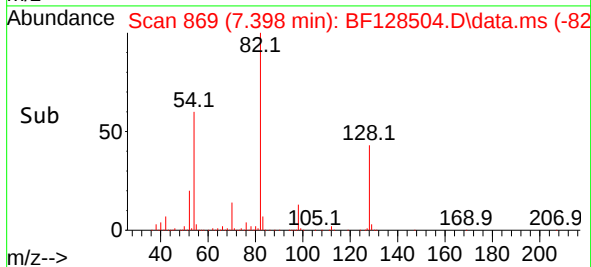
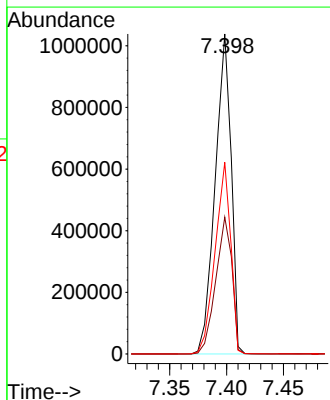
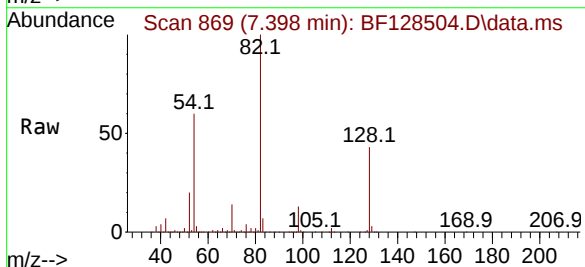
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.9	7.5	11.3
68	6.3	4.7	7.1

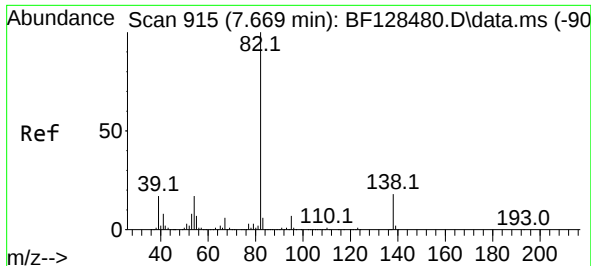


#23
Nitrobenzene-d5
Concen: 74.146 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF128504.D
Acq: 27 May 2022 12:09

Tgt Ion: 82 Resp: 1017346

Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.0	51.0
54	59.9	46.9	70.3

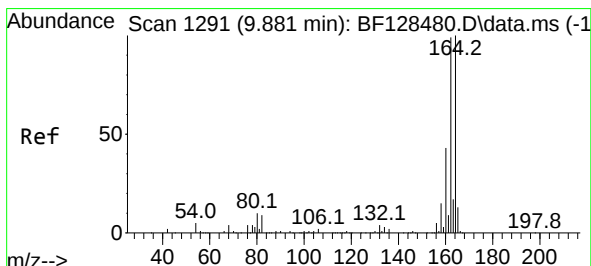
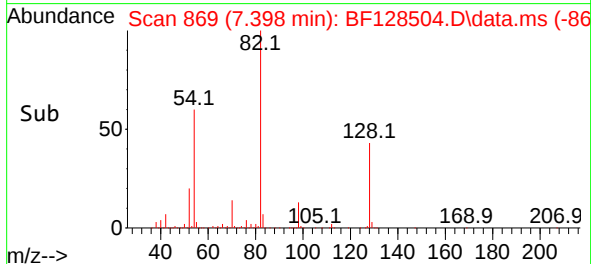
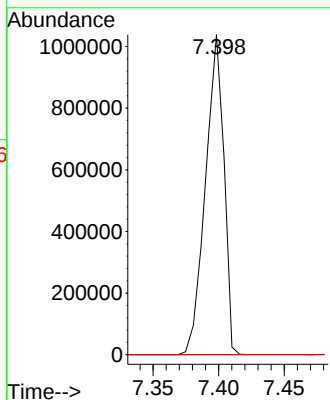
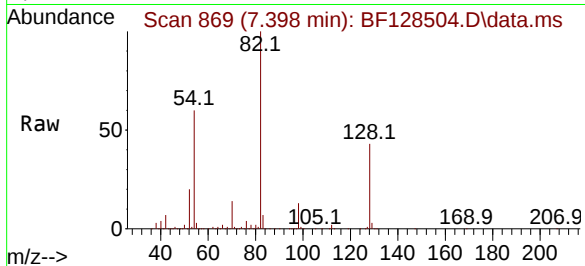




#25
Isophorone
Concen: 40.155 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128504.D
Acq: 27 May 2022 12:09

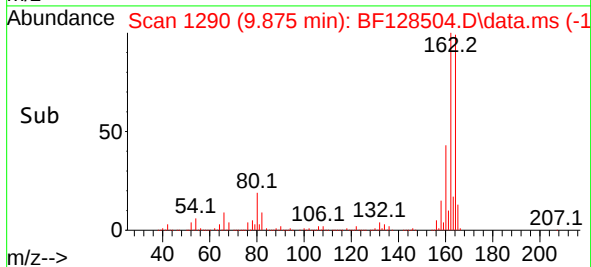
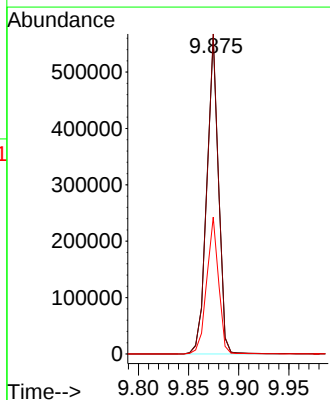
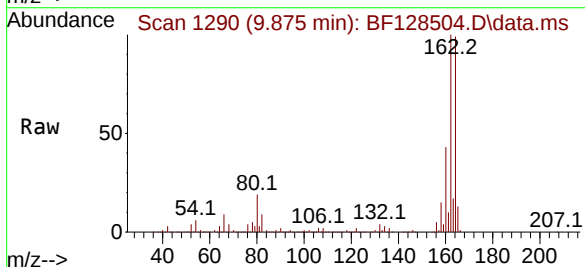
Instrument :
BNA_F
ClientSampleId :
P024-SS001-2430-02

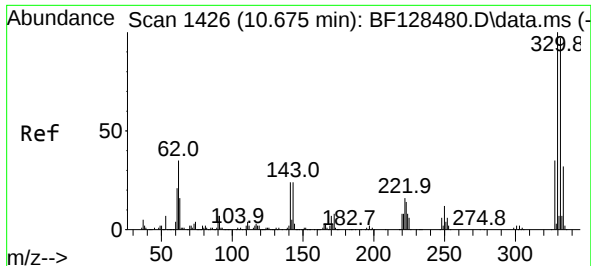
Tgt Ion: 82 Resp: 1016377
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128504.D
Acq: 27 May 2022 12:09

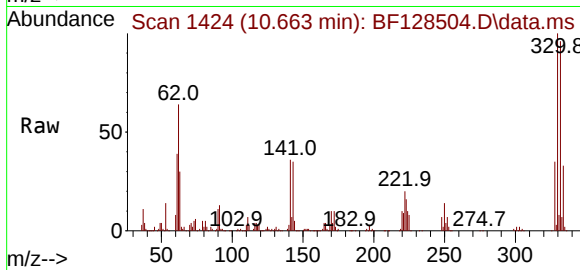
Tgt Ion:164 Resp: 460421
Ion Ratio Lower Upper
164 100
162 101.2 79.5 119.3
160 43.3 34.2 51.4



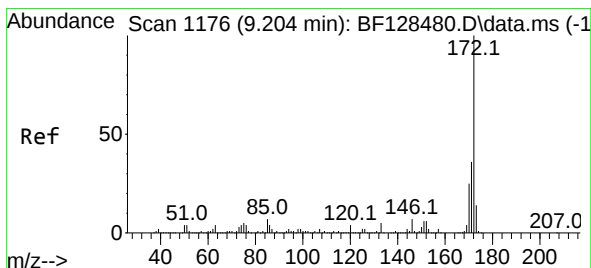
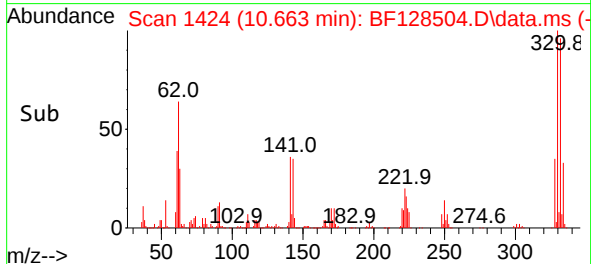
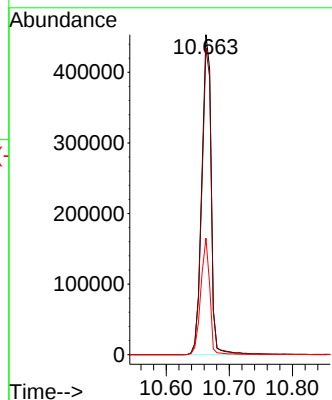


#42
 2,4,6-Tribromophenol
 Concen: 107.093 ng
 RT: 10.663 min Scan# 1424
 Delta R.T. -0.012 min
 Lab File: BF128504.D
 Acq: 27 May 2022 12:09

Instrument :
 BNA_F
 ClientSampleId :
 P024-SS001-2430-02

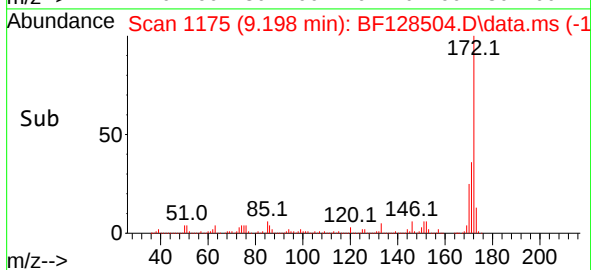
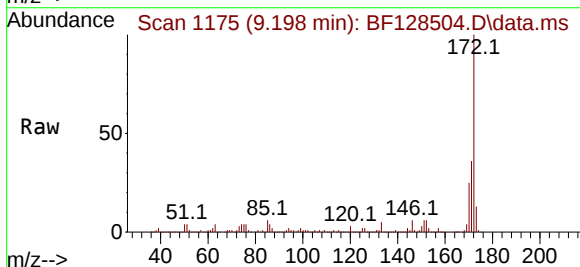
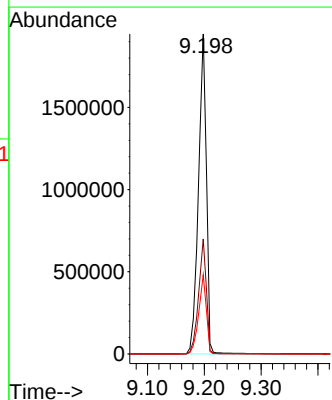


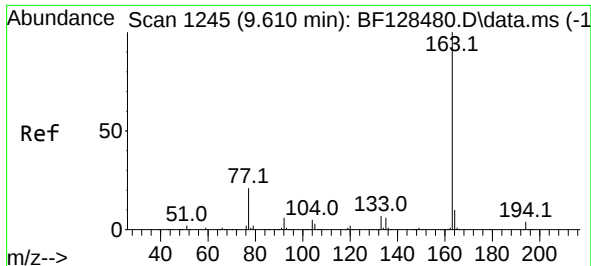
Tgt Ion:330 Resp: 469328
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.8 115.2
 141 34.7 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 67.423 ng
 RT: 9.198 min Scan# 1175
 Delta R.T. -0.006 min
 Lab File: BF128504.D
 Acq: 27 May 2022 12:09

Tgt Ion:172 Resp: 1910748
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.8 43.2
 170 24.8 19.8 29.8

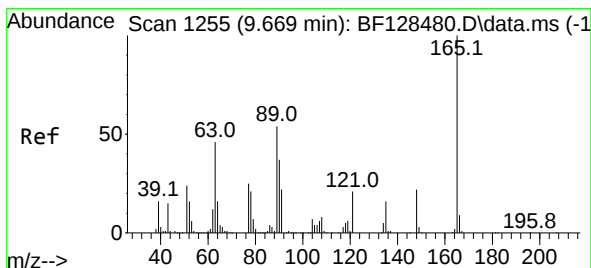
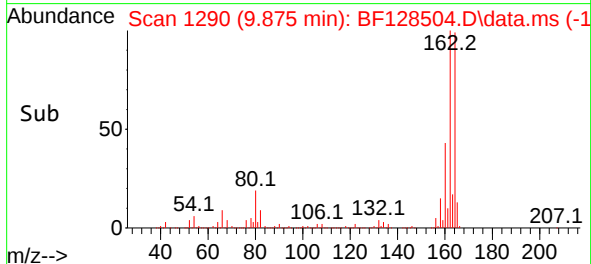
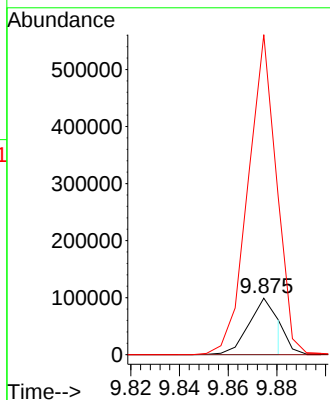
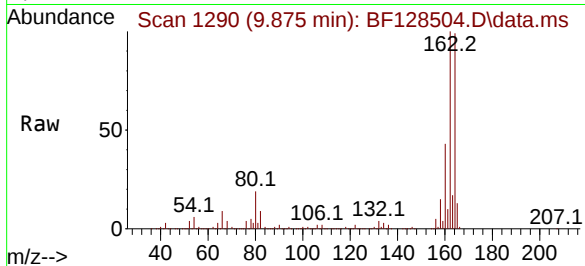




#50
Dimethylphthalate
Concen: 2.746 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.265 min
Lab File: BF128504.D
Acq: 27 May 2022 12:09

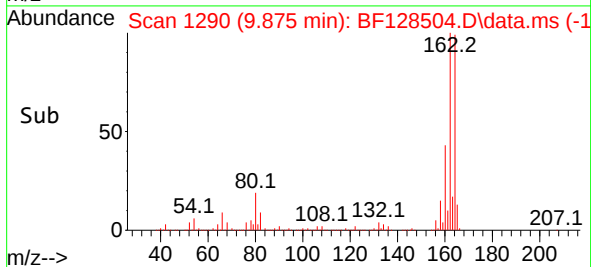
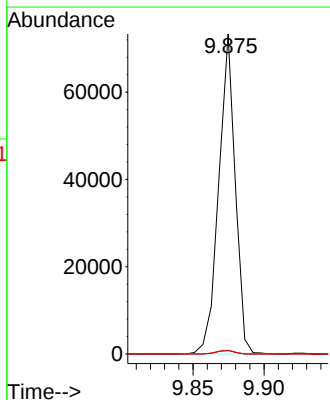
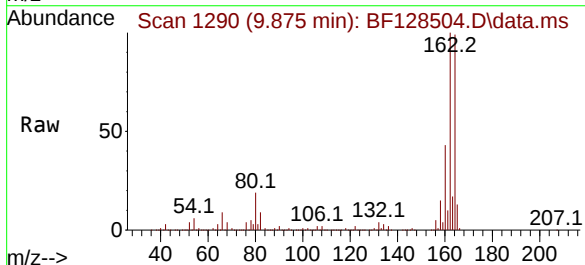
Instrument :
BNA_F
ClientSampleId :
P024-SS001-2430-02

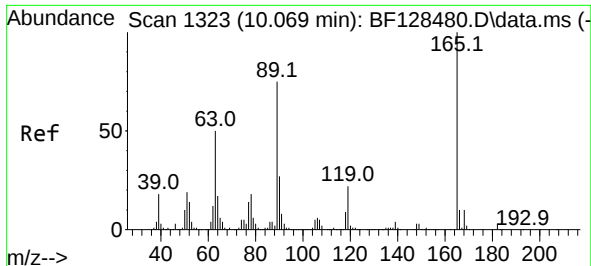
Tgt Ion:163 Resp: 82000
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 565.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.812 ng
RT: 9.875 min Scan# 1290
Delta R.T. 0.206 min
Lab File: BF128504.D
Acq: 27 May 2022 12:09

Tgt Ion:165 Resp: 59182
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.1 43.6 65.4#

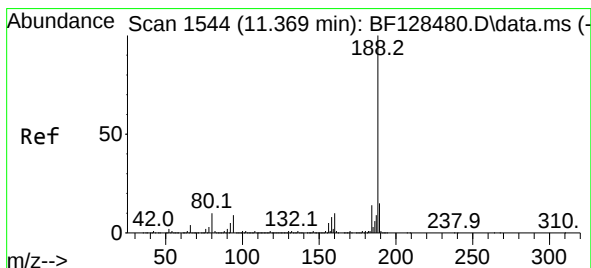
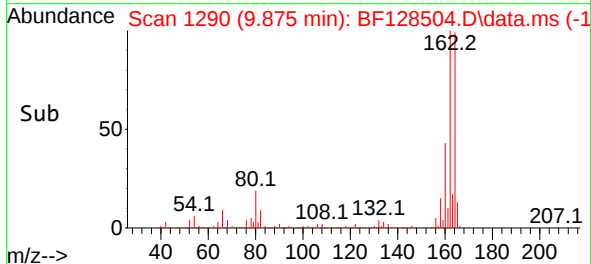
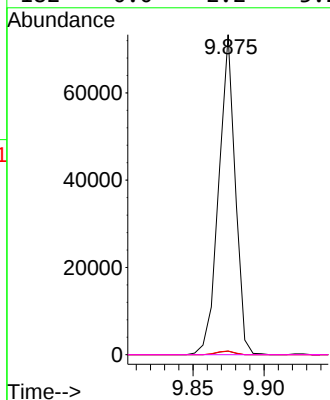
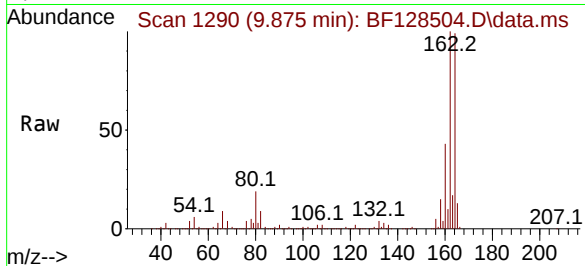




#57
2,4-Dinitrotoluene
Concen: 9.038 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF128504.D
Acq: 27 May 2022 12:09

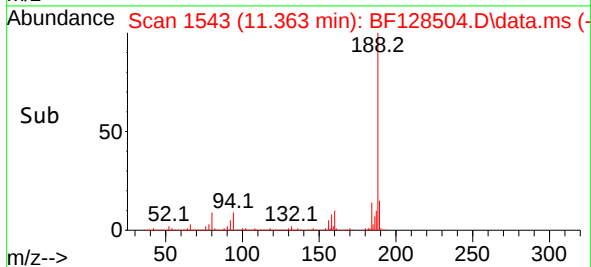
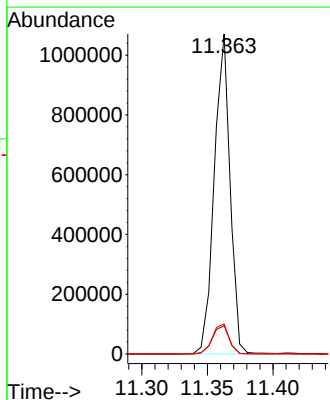
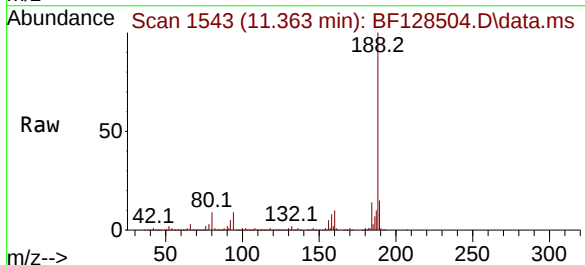
Instrument :
BNA_F
ClientSampleId :
P024-SS001-2430-02

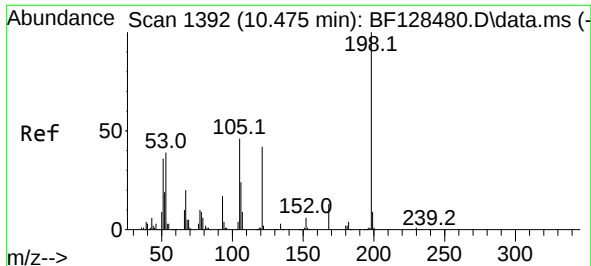
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Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. -0.006 min
Lab File: BF128504.D
Acq: 27 May 2022 12:09

Tgt Ion:188 Resp: 894444
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.4 7.6 11.4

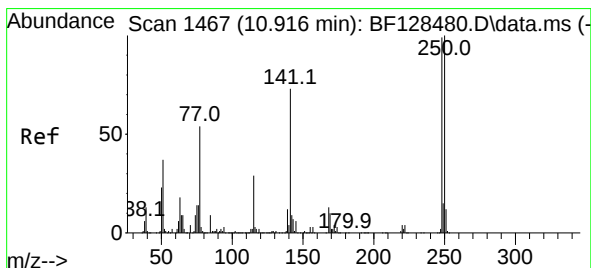
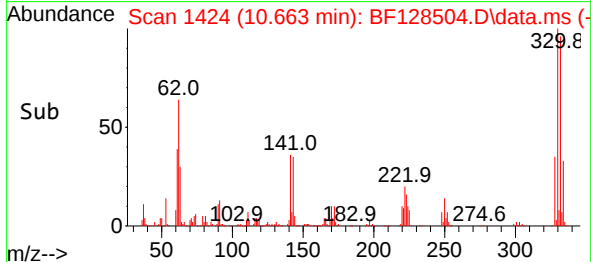
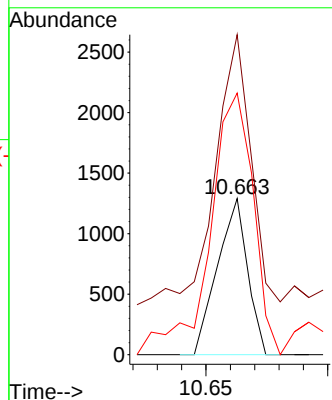
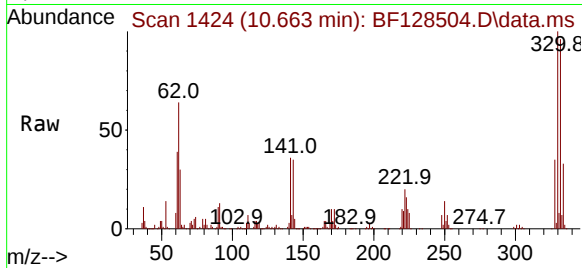




#65
4,6-Dinitro-2-methylphenol
Concen: 5.739 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.188 min
Lab File: BF128504.D
Acq: 27 May 2022 12:09

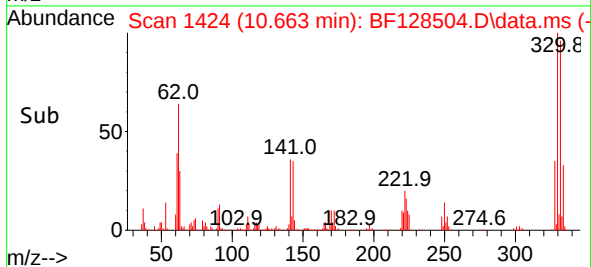
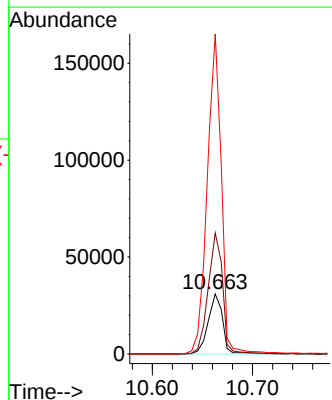
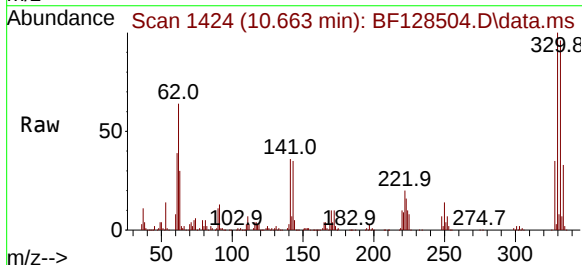
Instrument :
BNA_F
ClientSampleId :
P024-SS001-2430-02

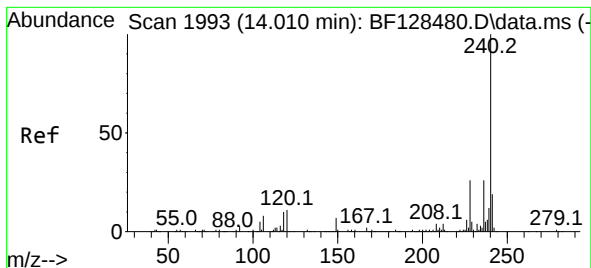
Tgt Ion:198 Resp: 1106
Ion Ratio Lower Upper
198 100
51 205.0 37.6 77.6#
105 167.6 27.0 67.0#



#67
4-Bromophenyl-phenylether
Concen: 3.343 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.253 min
Lab File: BF128504.D
Acq: 27 May 2022 12:09

Tgt Ion:248 Resp: 30889
Ion Ratio Lower Upper
248 100
250 201.7 80.6 120.8#
141 533.5 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 1814

Delta R.T. -0.006 min

Lab File: BF128504.D

Acq: 27 May 2022 12:09

Instrument :

BNA_F

ClientSampleId :

P024-SS001-2430-02

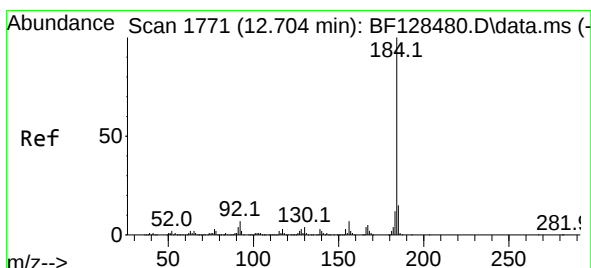
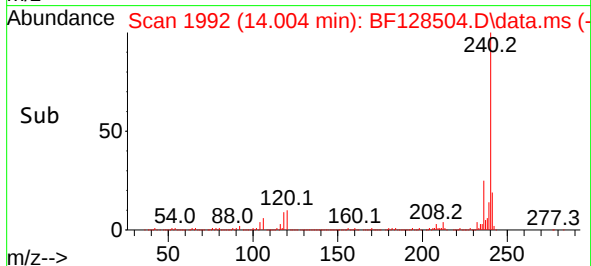
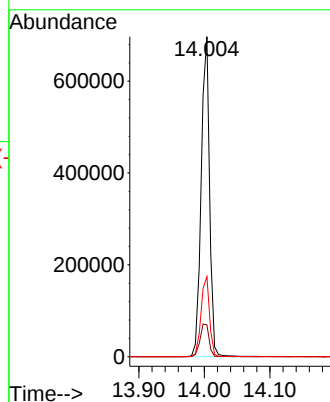
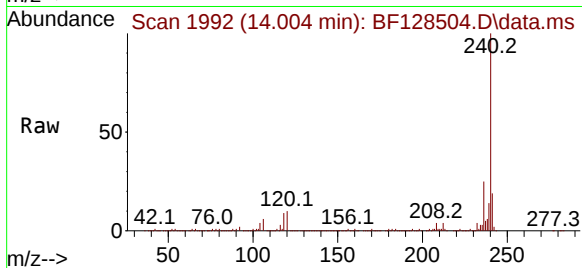
Tgt Ion:240 Resp: 619960

Ion Ratio Lower Upper

240 100

120 10.0 8.9 13.3

236 25.0 20.8 31.2



#77

Benidine

Concen: 2.218 ng

RT: 12.957 min Scan# 1814

Delta R.T. 0.253 min

Lab File: BF128504.D

Acq: 27 May 2022 12:09

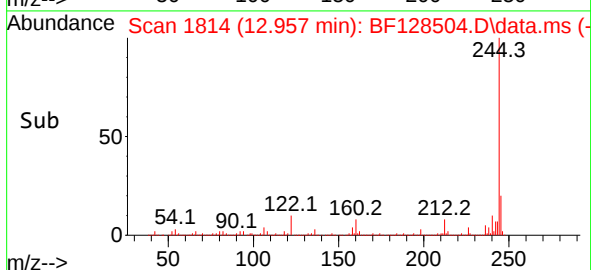
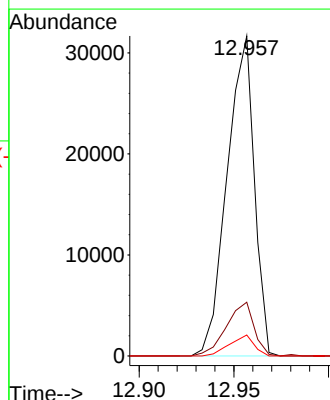
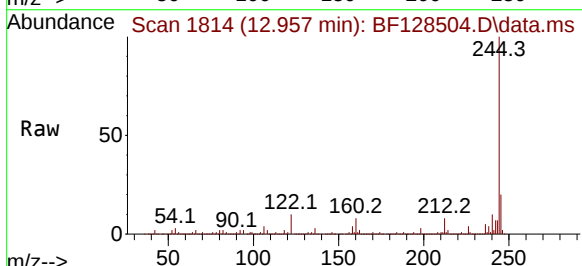
Tgt Ion:184 Resp: 31723

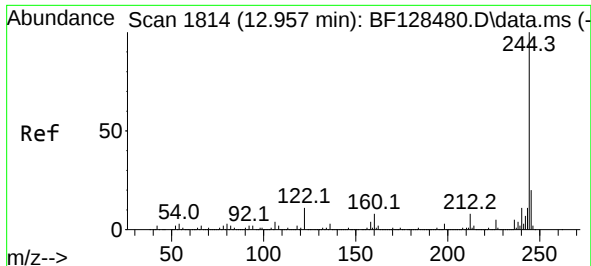
Ion Ratio Lower Upper

184 100

185 16.8 11.9 17.9

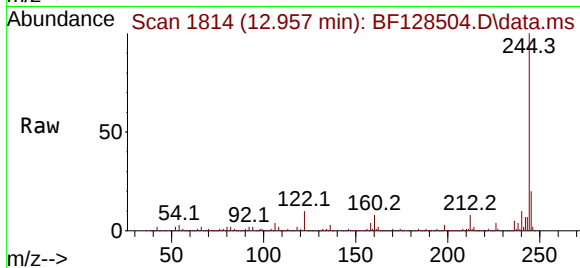
183 6.5 9.3 13.9#





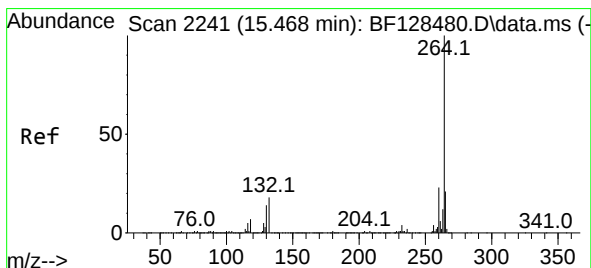
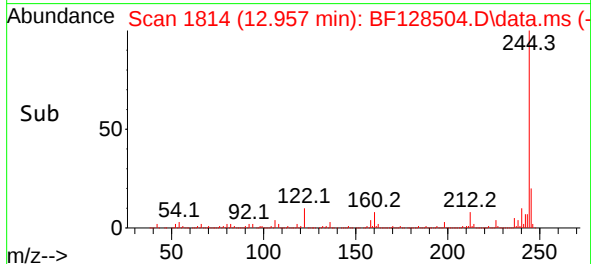
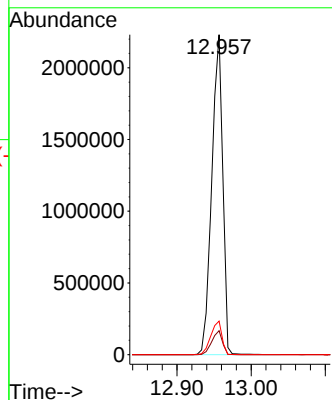
#79
 Terphenyl-d14
 Concen: 71.313 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF128504.D
 Acq: 27 May 2022 12:09

Instrument :
 BNA_F
 ClientSampleId :
 P024-SS001-2430-02



Tgt Ion:244 Resp: 2288404

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	10.5	8.8	13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. -0.000 min
 Lab File: BF128504.D
 Acq: 27 May 2022 12:09

Tgt Ion:264 Resp: 421930

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.4	27.6
265	20.7	17.2	25.8

