

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128609.D
 Acq On : 31 May 2022 22:33
 Operator : CG\JU
 Sample : N2952-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P037-SS001-1824-01

Quant Time: Jun 01 00:59:22 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

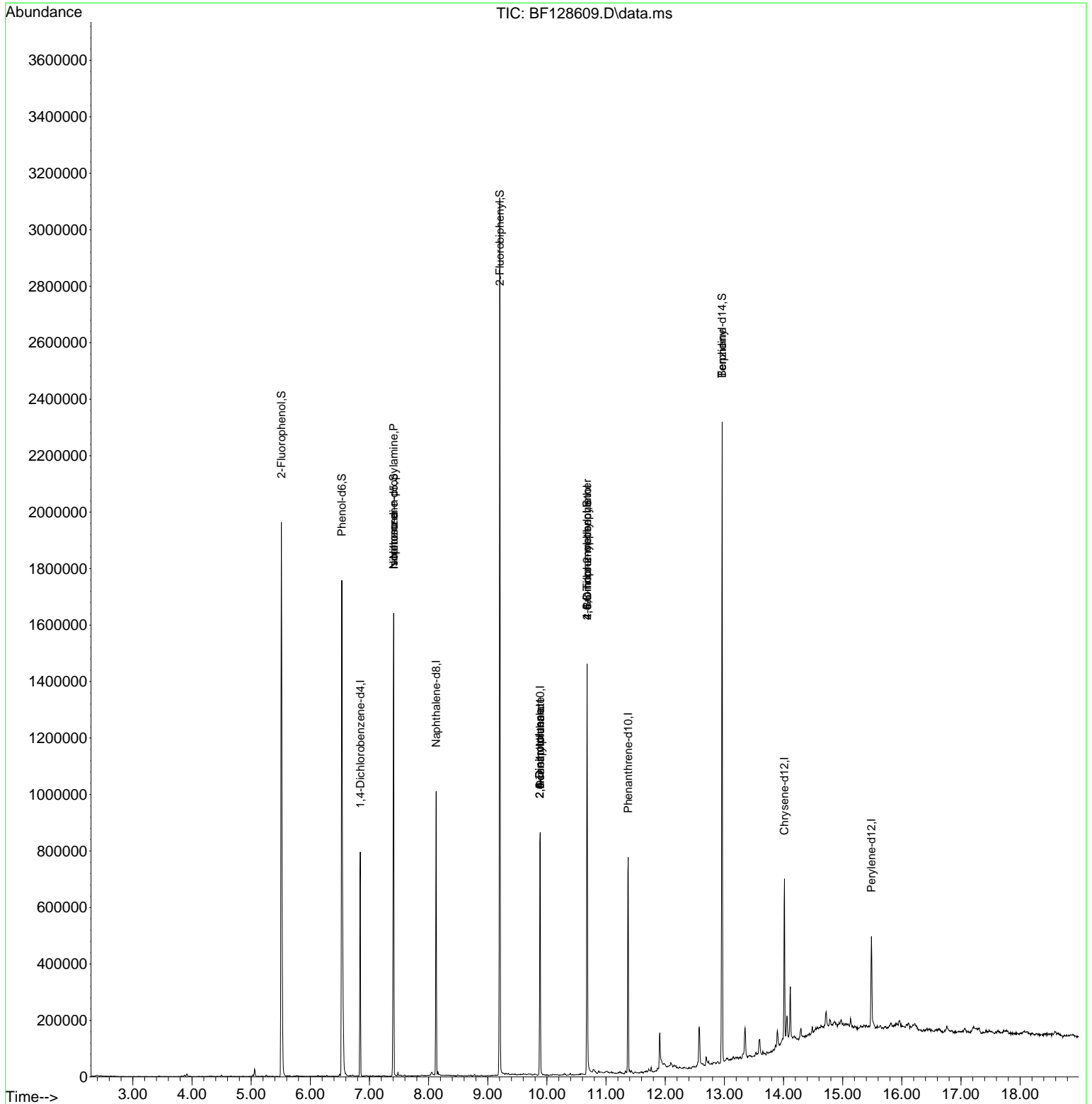
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	103839	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	362121	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	181788	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	283339	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	199334	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	149166	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	546556	87.185	ng	0.06
7) Phenol-d6	6.534	99	677716	84.788	ng	0.06
23) Nitrobenzene-d5	7.410	82	473307	75.401	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	161751	93.481	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	849914	75.957	ng	0.00
79) Terphenyl-d14	12.963	244	716230	69.418	ng	0.00
Target Compounds						
9) Benzaldehyde	6.386	77	126	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	69357	14.152	ng	# 74
25) Isophorone	7.410	82	471364	40.706	ng	# 65
50) Dimethylphthalate	9.886	163	33339	2.827	ng	# 1
51) 2,6-Dinitrotoluene	9.880	165	23106	10.692	ng	# 26
57) 2,4-Dinitrotoluene	9.880	165	23106	8.937	ng	# 22
65) 4,6-Dinitro-2-methylph...	10.680	198	436	5.797	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	9881	3.375	ng	# 1
77) Benzidine	12.963	184	11071	2.408	ng	# 96

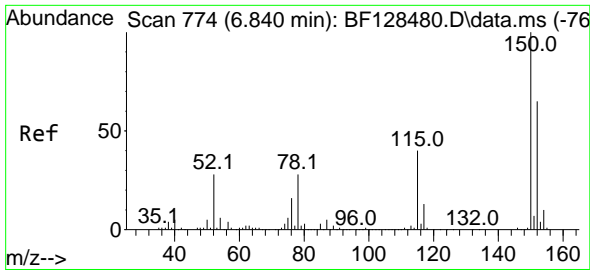
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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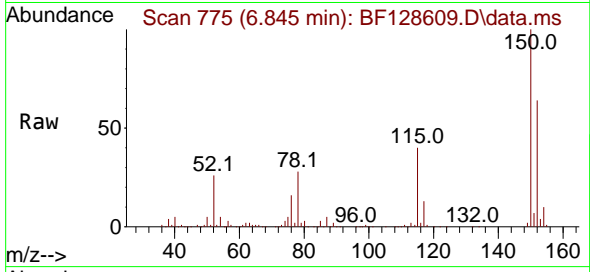
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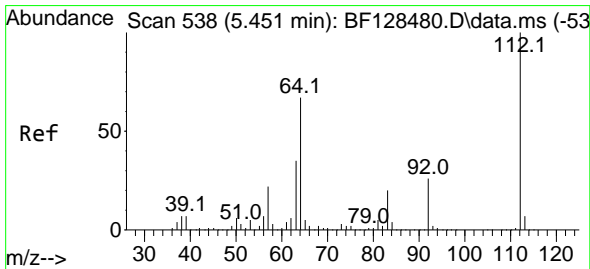
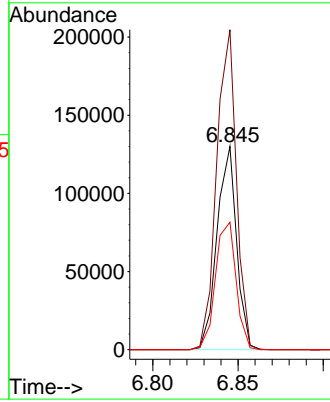
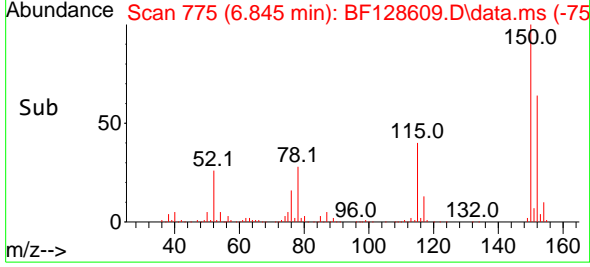


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 71
 Delta R.T. 0.005 min
 Lab File: BF128609.D
 Acq: 31 May 2022 22:33

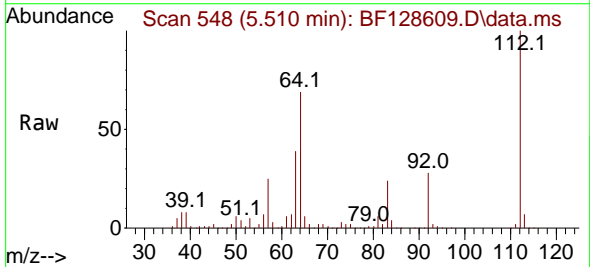
Instrument :
 BNA_F
 ClientSampleId :
 P037-SS001-1824-01



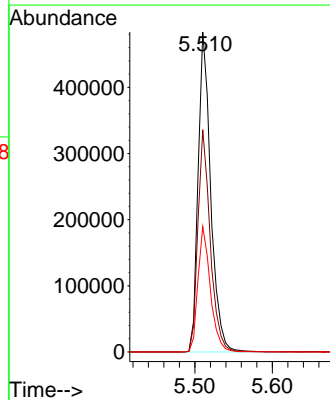
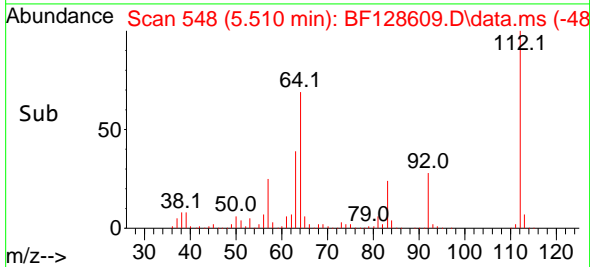
Tgt Ion:152 Resp: 103839
 Ion Ratio Lower Upper
 152 100
 150 157.5 123.7 185.5
 115 62.8 49.9 74.9

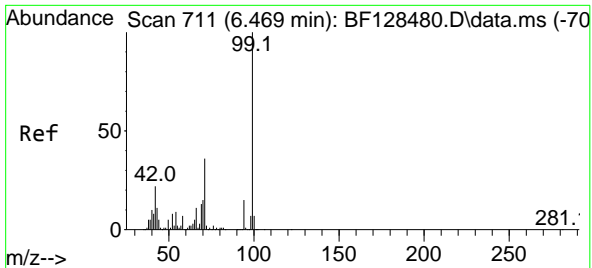


#5
 2-Fluorophenol
 Concen: 87.185 ng
 RT: 5.510 min Scan# 548
 Delta R.T. 0.059 min
 Lab File: BF128609.D
 Acq: 31 May 2022 22:33



Tgt Ion:112 Resp: 546556
 Ion Ratio Lower Upper
 112 100
 64 69.4 53.3 79.9
 63 39.2 28.0 42.0

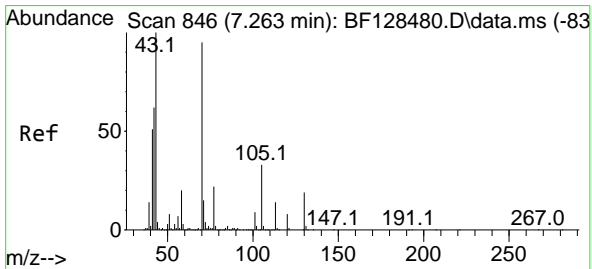
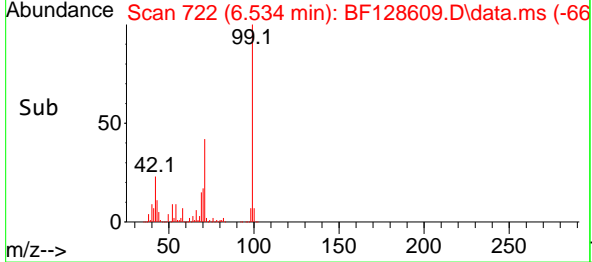
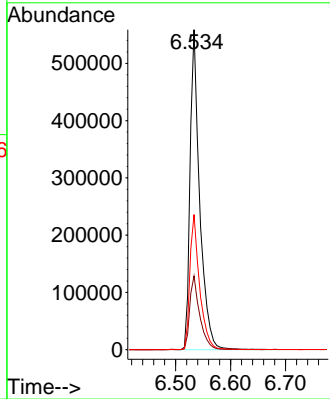
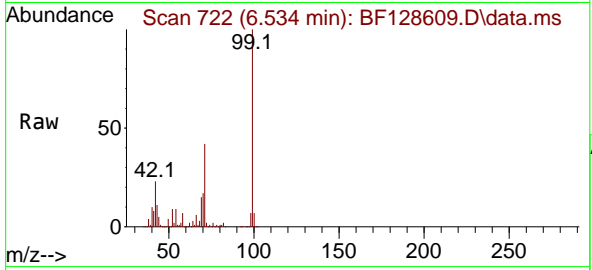




#7
 Phenol-d6
 Concen: 84.788 ng
 RT: 6.534 min Scan# 711
 Delta R.T. 0.065 min
 Lab File: BF128609.D
 Acq: 31 May 2022 22:33

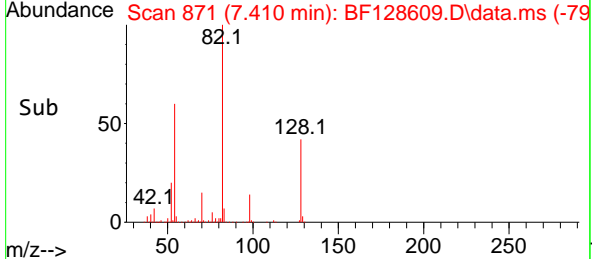
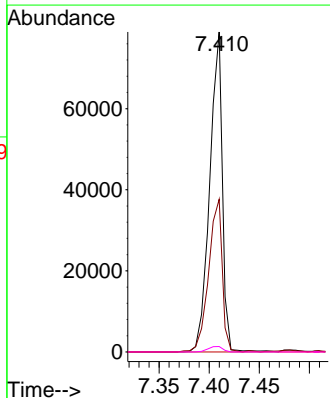
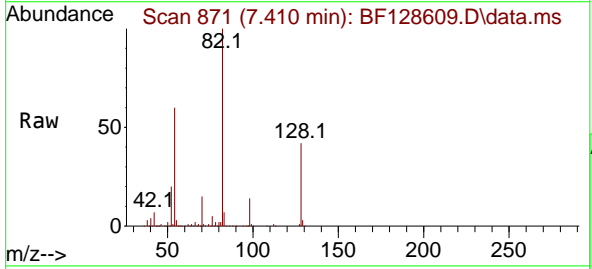
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ClientSampleId :
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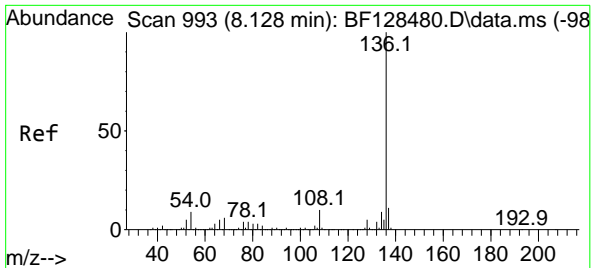
Tgt Ion	Resp	Lower	Upper
99	100		
42	23.0	17.3	25.9
71	42.2	28.9	43.3



#19
 n-Nitroso-di-n-propylamine
 Concen: 14.152 ng
 RT: 7.410 min Scan# 871
 Delta R.T. 0.147 min
 Lab File: BF128609.D
 Acq: 31 May 2022 22:33

Tgt Ion	Resp	Lower	Upper
70	100		
42	47.7	52.3	78.5#
101	0.0	7.5	11.3#
130	1.7	16.1	24.1#

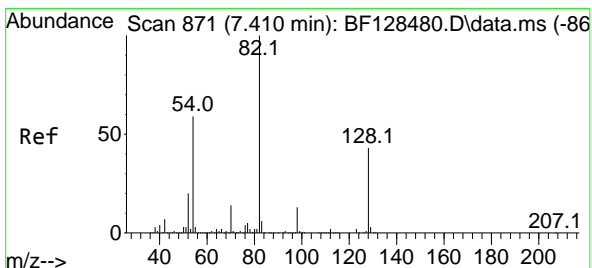
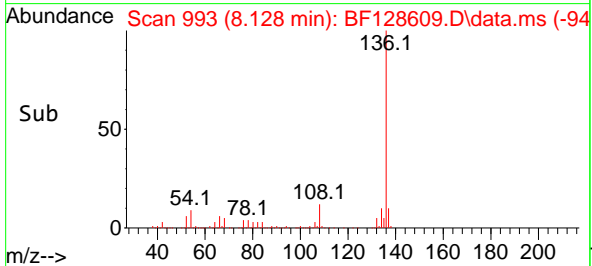
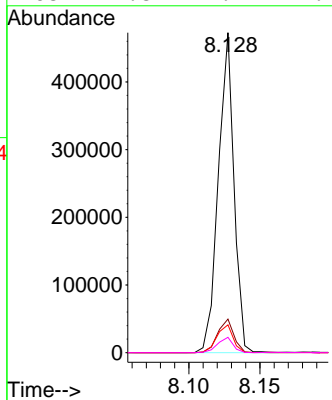
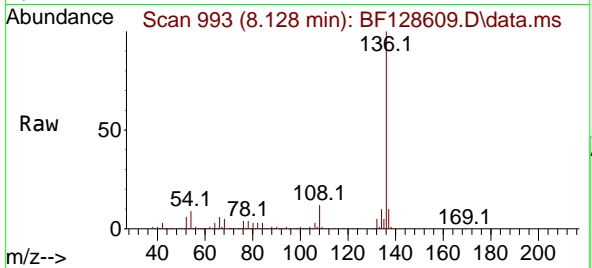




#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.128 min Scan# 94
 Delta R.T. -0.000 min
 Lab File: BF128609.D
 Acq: 31 May 2022 22:33

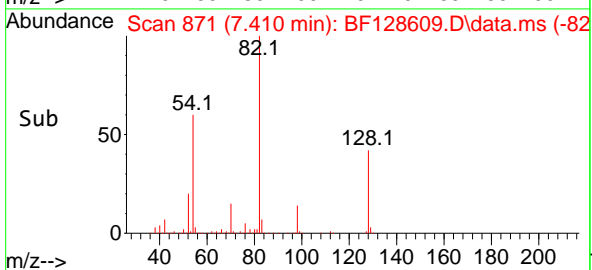
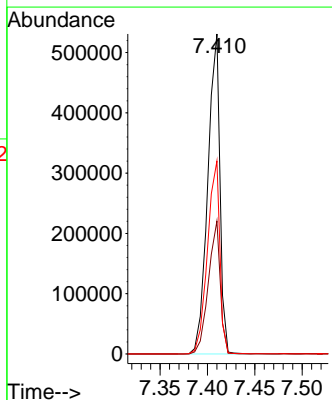
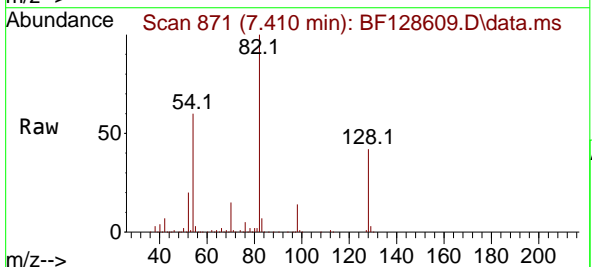
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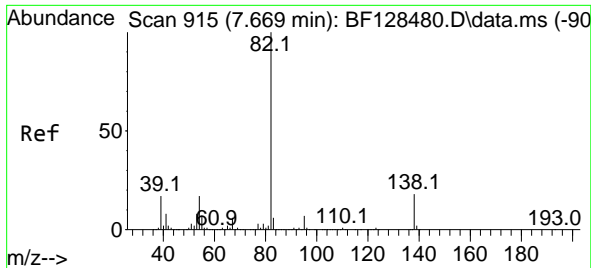
Tgt Ion	Resp	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.7	7.5	11.3
68	4.8	4.7	7.1



#23
 Nitrobenzene-d5
 Concen: 75.401 ng
 RT: 7.410 min Scan# 871
 Delta R.T. -0.000 min
 Lab File: BF128609.D
 Acq: 31 May 2022 22:33

Tgt Ion	Resp	Lower	Upper
82	100		
128	41.5	34.0	51.0
54	60.3	46.9	70.3



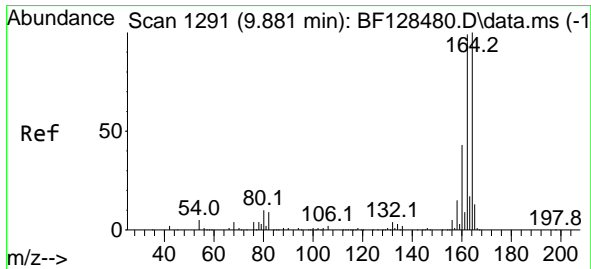
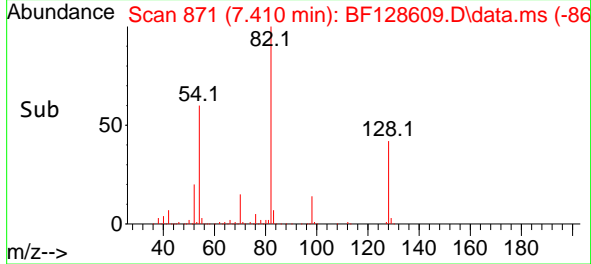
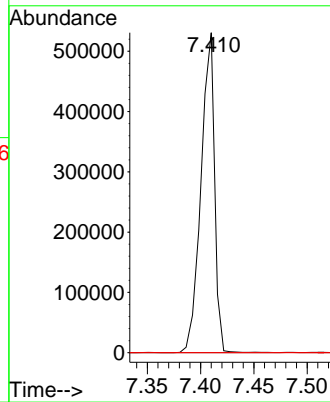
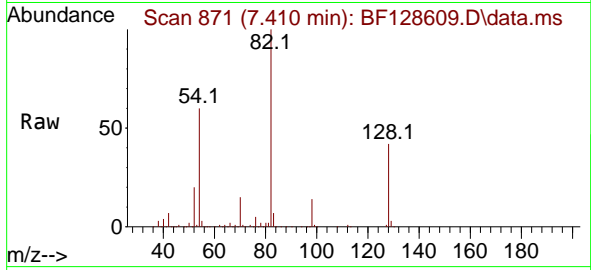


#25
 Isophorone
 Concen: 40.706 ng
 RT: 7.410 min Scan# 81
 Delta R.T. -0.259 min
 Lab File: BF128609.D
 Acq: 31 May 2022 22:33

Instrument :
 BNA_F
 ClientSampleId :
 P037-SS001-1824-01

Tgt Ion: 82 Resp: 471364

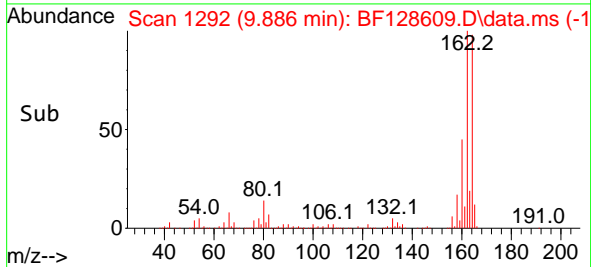
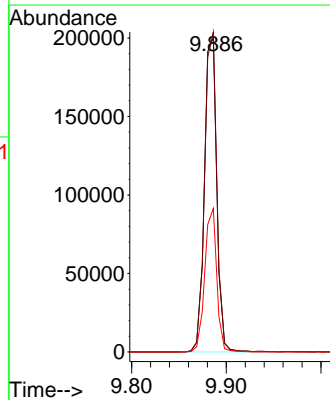
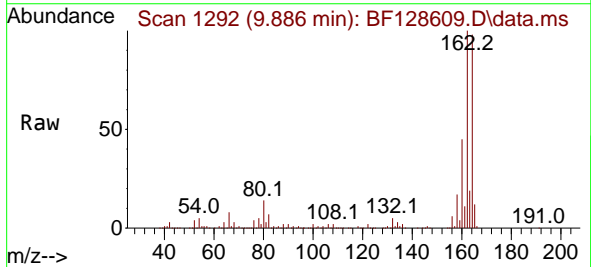
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	14.2	21.2#

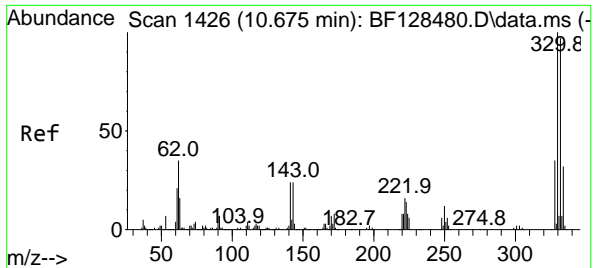


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.886 min Scan# 1292
 Delta R.T. 0.005 min
 Lab File: BF128609.D
 Acq: 31 May 2022 22:33

Tgt Ion: 164 Resp: 181788

Ion	Ratio	Lower	Upper
164	100		
162	101.8	79.5	119.3
160	45.7	34.2	51.4

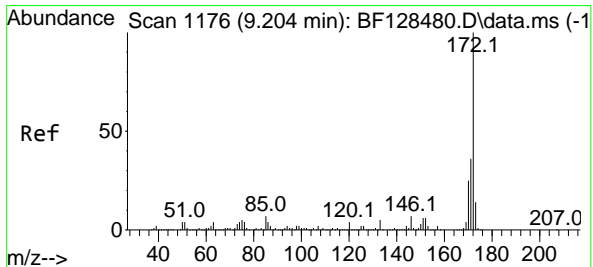
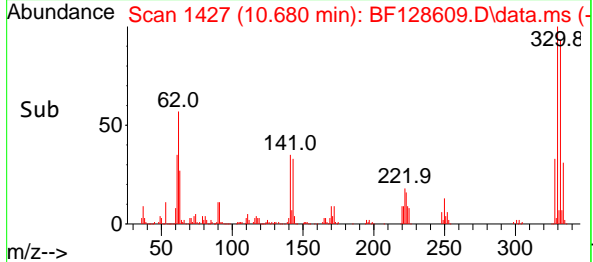
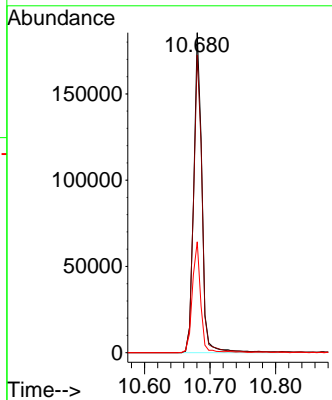
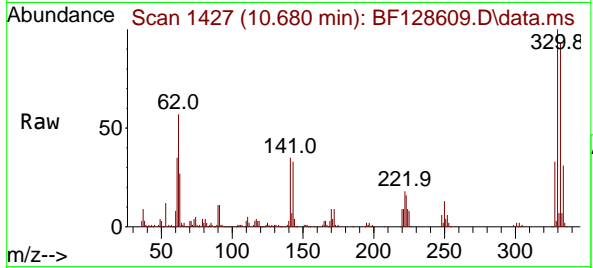




#42
 2,4,6-Tribromophenol
 Concen: 93.481 ng
 RT: 10.680 min Scan# 1427
 Delta R.T. 0.006 min
 Lab File: BF128609.D
 Acq: 31 May 2022 22:33

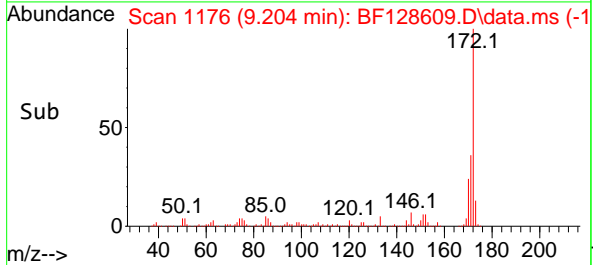
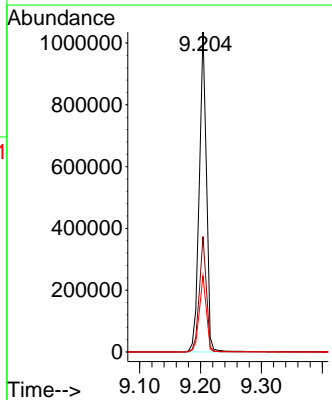
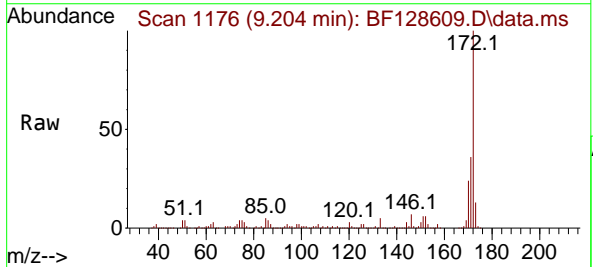
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 P037-SS001-1824-01

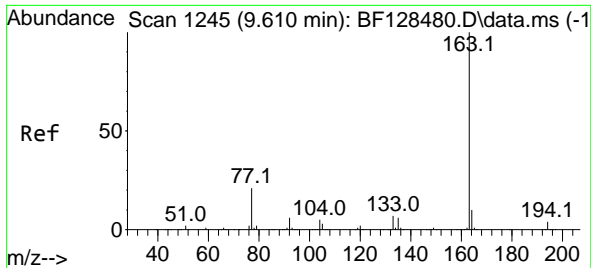
Tgt Ion:330 Resp: 161751
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.8 115.2
 141 35.1 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 75.957 ng
 RT: 9.204 min Scan# 1176
 Delta R.T. -0.000 min
 Lab File: BF128609.D
 Acq: 31 May 2022 22:33

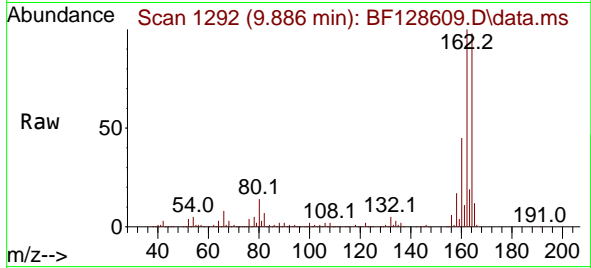
Tgt Ion:172 Resp: 849914
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.8 43.2
 170 23.8 19.8 29.8



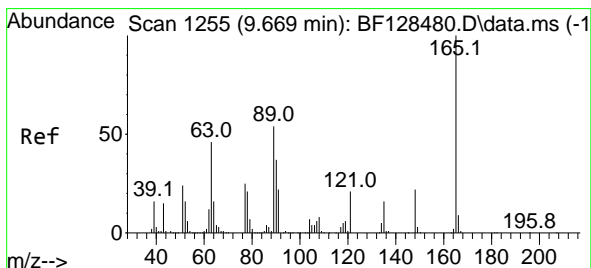
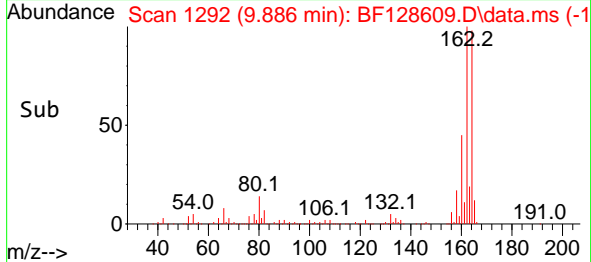
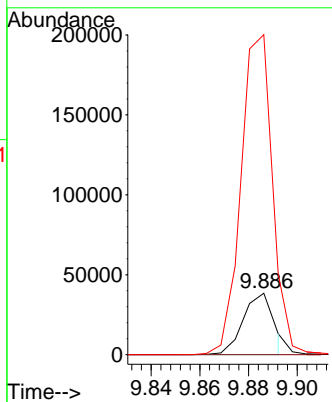


#50
 Dimethylphthalate
 Concen: 2.827 ng
 RT: 9.886 min Scan# 1292
 Delta R.T. 0.276 min
 Lab File: BF128609.D
 Acq: 31 May 2022 22:33

Instrument : BNA_F
 ClientSampleId : P037-SS001-1824-01

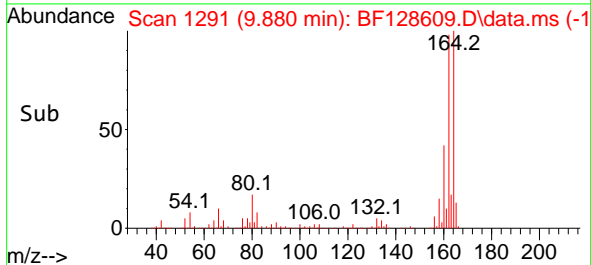
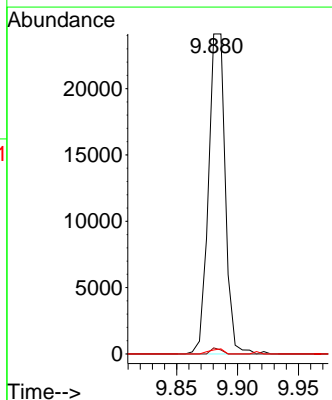
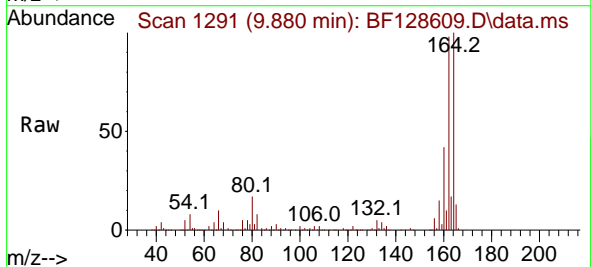


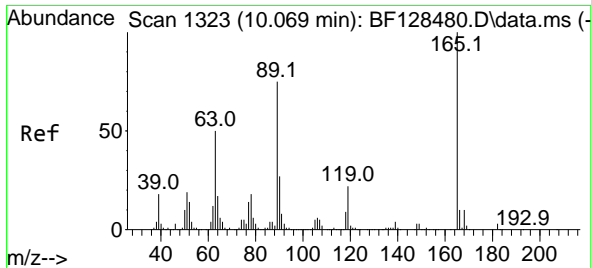
Tgt Ion:163 Resp: 33339
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.2 4.8#
 164 520.5 8.2 12.2#



#51
 2,6-Dinitrotoluene
 Concen: 10.692 ng
 RT: 9.880 min Scan# 1291
 Delta R.T. 0.212 min
 Lab File: BF128609.D
 Acq: 31 May 2022 22:33

Tgt Ion:165 Resp: 23106
 Ion Ratio Lower Upper
 165 100
 63 1.9 44.9 67.3#
 89 1.3 43.6 65.4#

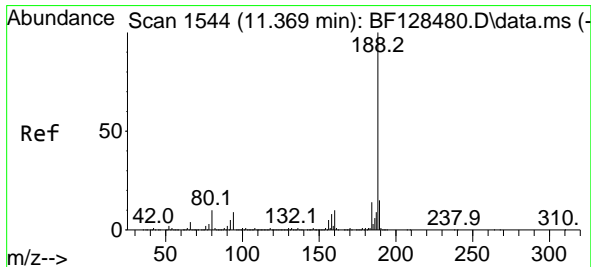
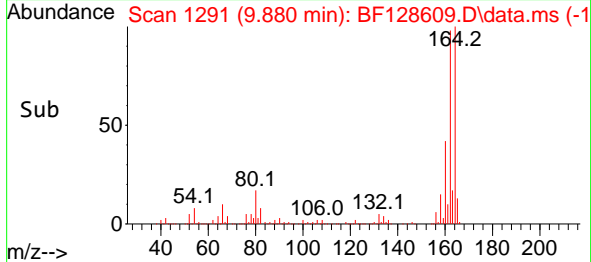
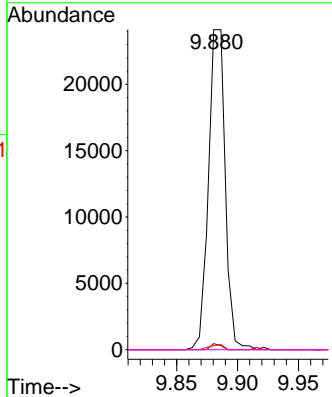
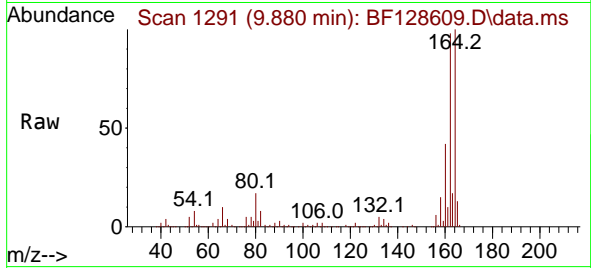




#57
 2,4-Dinitrotoluene
 Concen: 8.937 ng
 RT: 9.880 min Scan# 11
 Delta R.T. -0.188 min
 Lab File: BF128609.D
 Acq: 31 May 2022 22:33

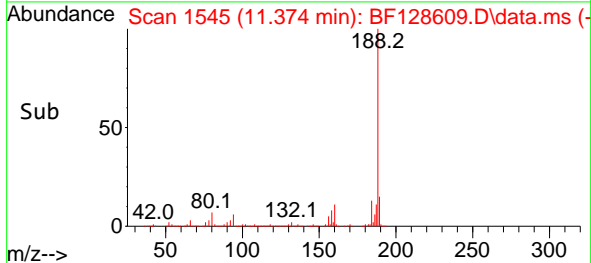
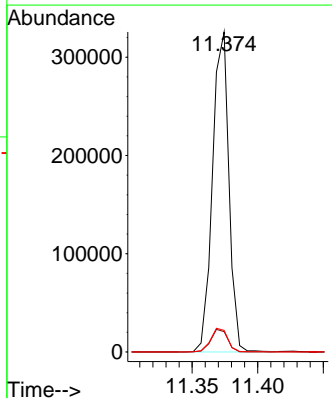
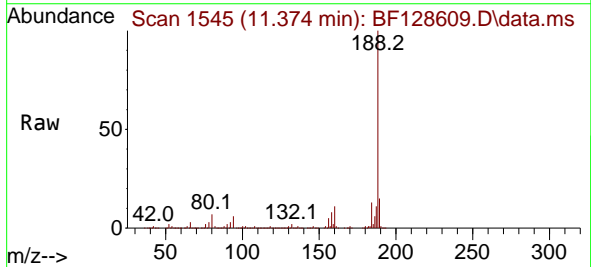
Instrument :
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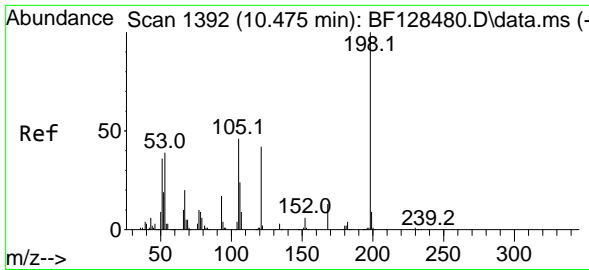
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.9	39.8	59.6#
89	1.3	60.2	90.2#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.374 min Scan# 1545
 Delta R.T. 0.006 min
 Lab File: BF128609.D
 Acq: 31 May 2022 22:33

Tgt Ion	Resp	Lower	Upper
188	100		
94	6.4	7.0	10.6#
80	6.8	7.6	11.4#

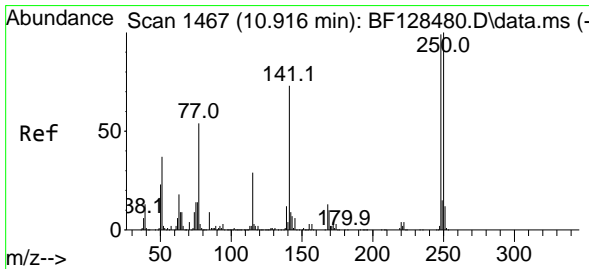
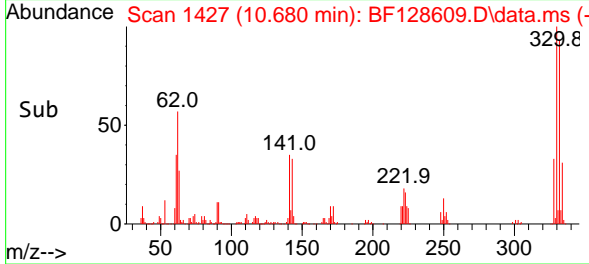
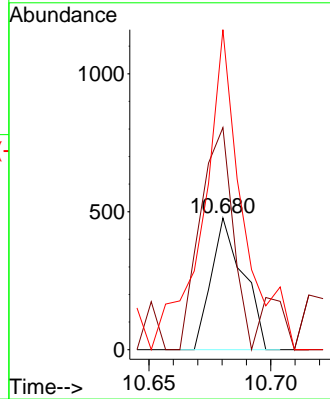
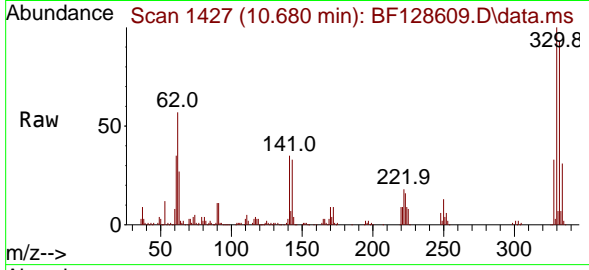




#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.797 ng
 RT: 10.680 min Scan# 1427
 Delta R.T. 0.205 min
 Lab File: BF128609.D
 Acq: 31 May 2022 22:33

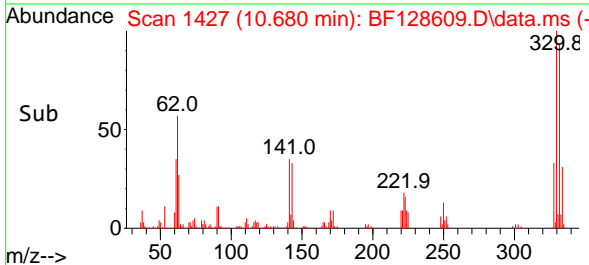
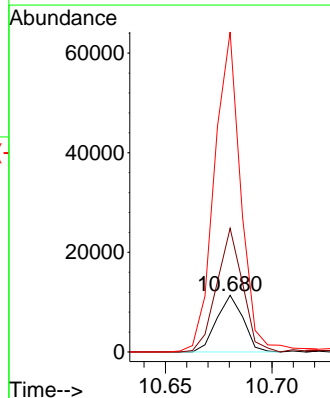
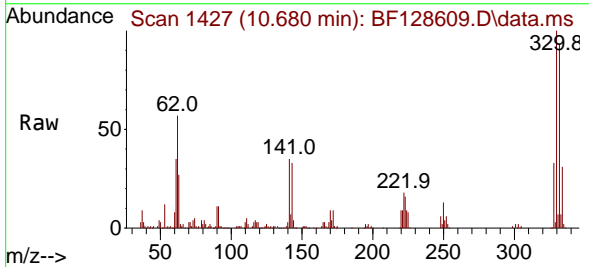
Instrument :
 BNA_F
 ClientSampleId :
 P037-SS001-1824-01

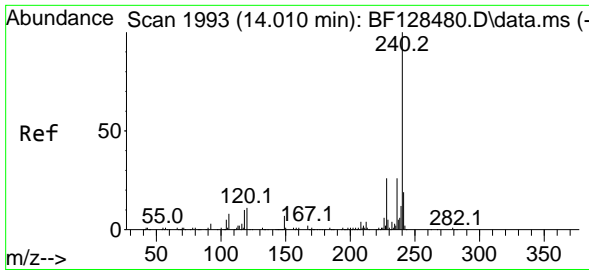
Tgt Ion	Resp	Lower	Upper
198	100		
51	168.8	37.6	77.6#
105	243.2	27.0	67.0#



#67
 4-Bromophenyl-phenylether
 Concen: 3.375 ng
 RT: 10.680 min Scan# 1427
 Delta R.T. -0.236 min
 Lab File: BF128609.D
 Acq: 31 May 2022 22:33

Tgt Ion	Resp	Lower	Upper
248	100		
250	218.2	80.6	120.8#
141	564.9	58.9	88.3#



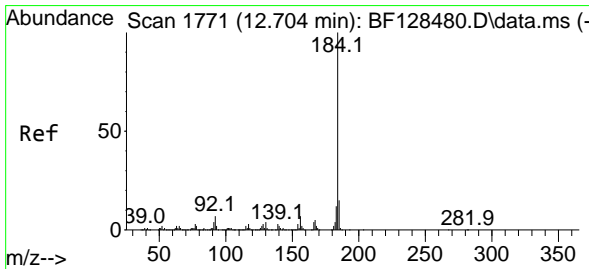
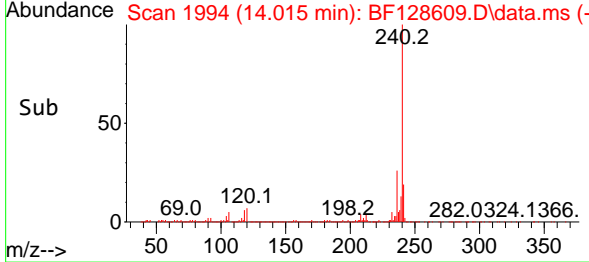
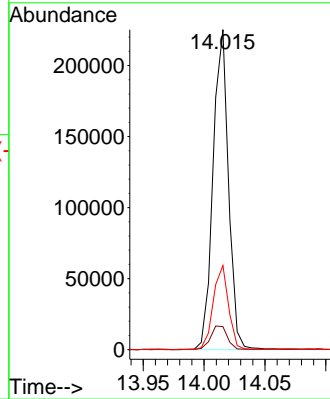
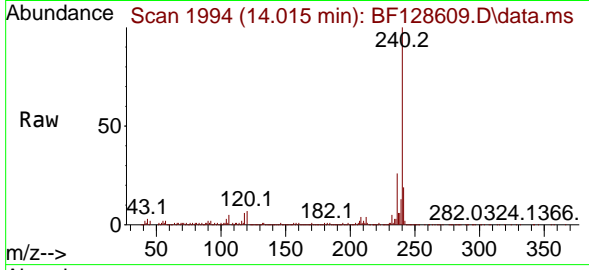


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.015 min Scan# 1993
 Delta R.T. 0.006 min
 Lab File: BF128609.D
 Acq: 31 May 2022 22:33

Instrument :
 BNA_F
 ClientSampleId :
 P037-SS001-1824-01

Tgt Ion:240 Resp: 199334

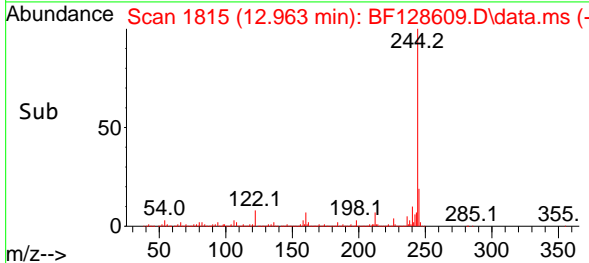
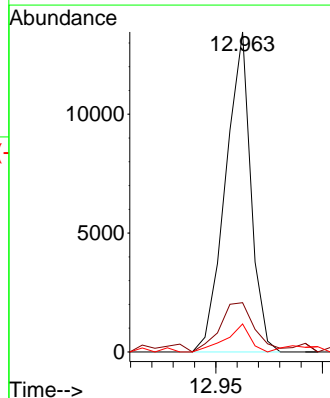
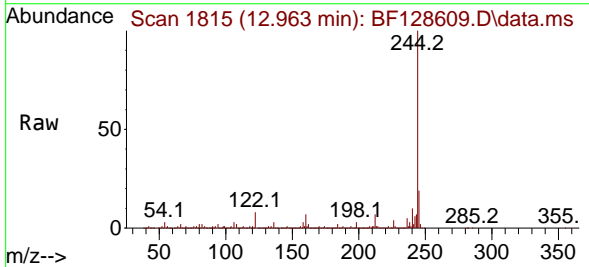
Ion	Ratio	Lower	Upper
240	100		
120	7.2	8.9	13.3#
236	26.3	20.8	31.2

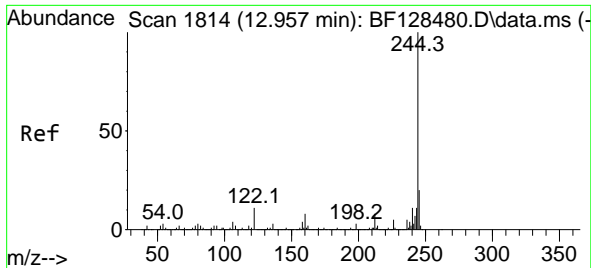


#77
 Benzidine
 Concen: 2.408 ng
 RT: 12.963 min Scan# 1815
 Delta R.T. 0.259 min
 Lab File: BF128609.D
 Acq: 31 May 2022 22:33

Tgt Ion:184 Resp: 11071

Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.9	17.9
183	8.7	9.3	13.9#

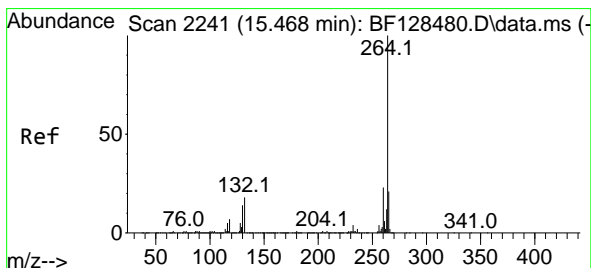
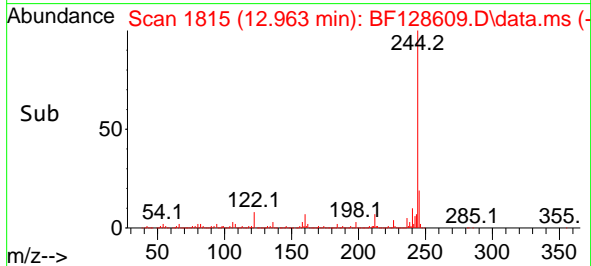
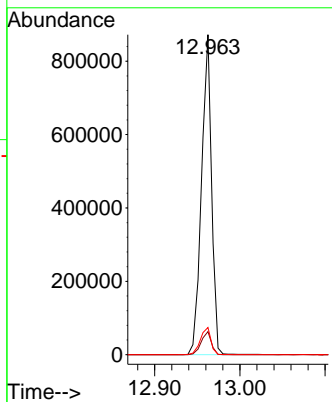
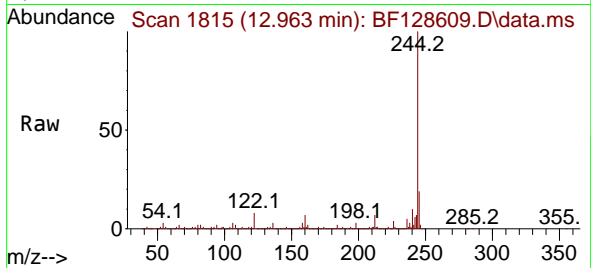




#79
 Terphenyl-d14
 Concen: 69.418 ng
 RT: 12.963 min Scan# 1815
 Delta R.T. 0.006 min
 Lab File: BF128609.D
 Acq: 31 May 2022 22:33

Instrument :
 BNA_F
 ClientSampleId :
 P037-SS001-1824-01

Tgt Ion:244 Resp: 716230
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 8.5 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2244
 Delta R.T. 0.017 min
 Lab File: BF128609.D
 Acq: 31 May 2022 22:33

Tgt Ion:264 Resp: 149166
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 20.7 17.2 25.8

