

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
 Data File : BF130036.D
 Acq On : 29 Aug 2022 15:56
 Operator : CG\JU
 Sample : N4379-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-10-12

Quant Time: Aug 30 01:27:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 30 01:22:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

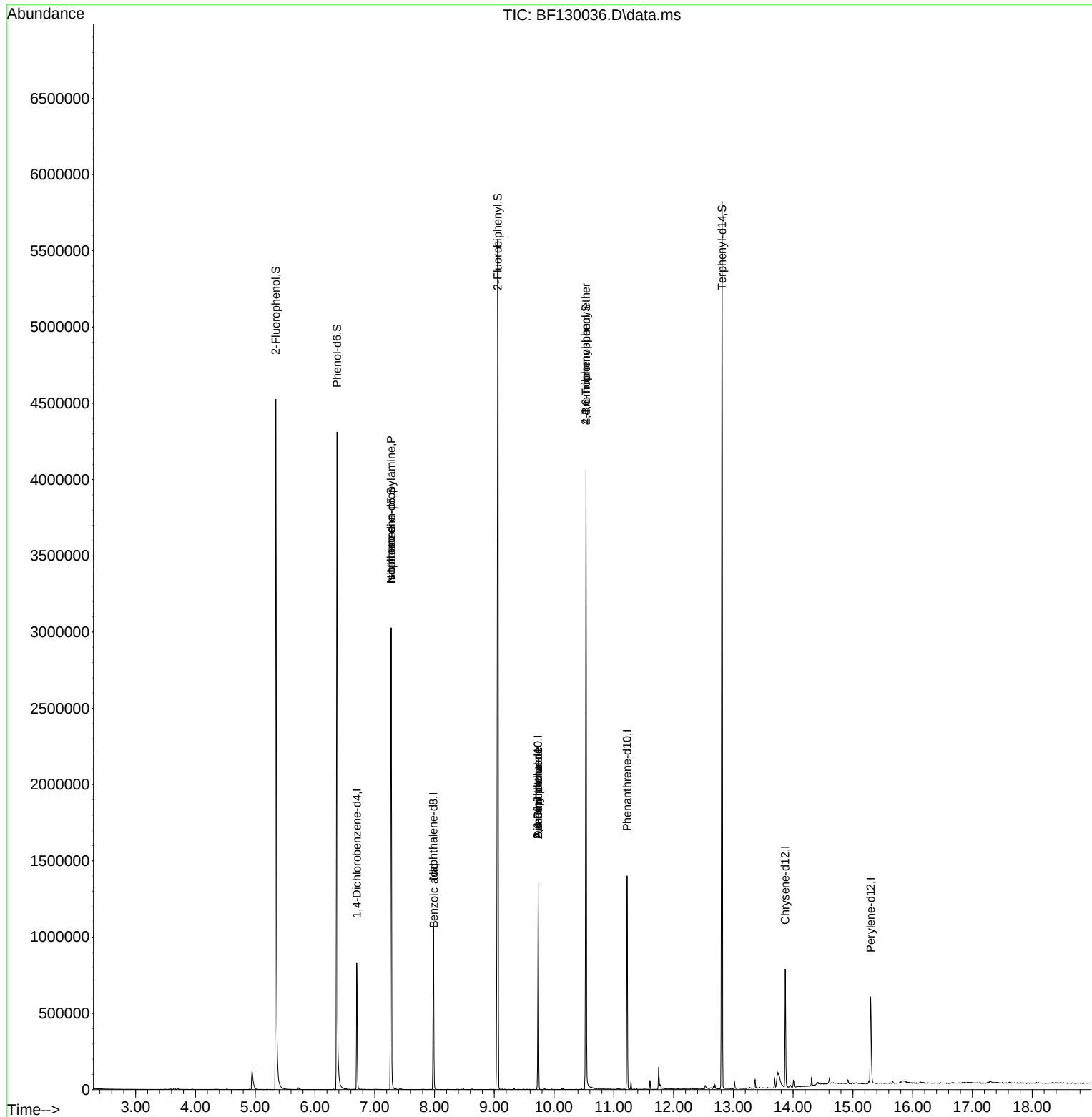
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	121862	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	486002	20.000	ng	0.00
39) Acenaphthene-d10	9.734	164	264678	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	452073	20.000	ng	0.00
76) Chrysene-d12	13.869	240	247933	20.000	ng	0.00
86) Perylene-d12	15.298	264	240526	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1278497	173.705	ng	0.01
7) Phenol-d6	6.369	99	1613621	175.071	ng	0.00
23) Nitrobenzene-d5	7.275	82	1038984	114.441	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	492058	185.232	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	1938413	111.232	ng	0.00
79) Terphenyl-d14	12.810	244	2107013	141.407	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.369	77	2591	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.275	70	142804	24.512	ng	# 77
25) Isophorone	7.275	82	1038974	66.490	ng	# 65
32) Benzoic acid	7.987	122	54	2.173	ng	# 1
50) Dimethylphthalate	9.734	163	46644	2.458	ng	# 1
51) 2,6-Dinitrotoluene	9.734	165	34334	8.342	ng	# 23
57) 2,4-Dinitrotoluene	9.734	165	34334	6.426	ng	# 18
67) 4-Bromophenyl-phenylether	10.533	248	30553	5.770	ng	# 1
77) Benzidine	12.810	184	29542	Below Cal	#	89

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

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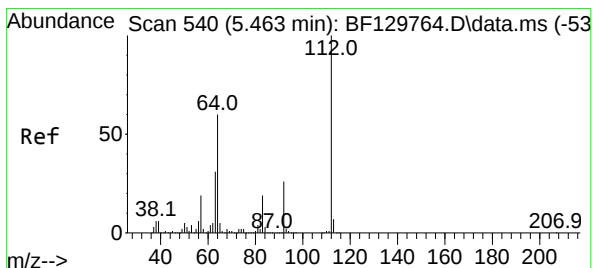
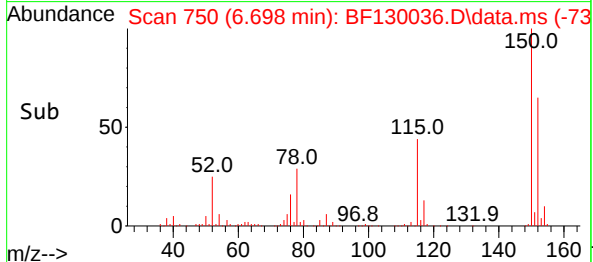
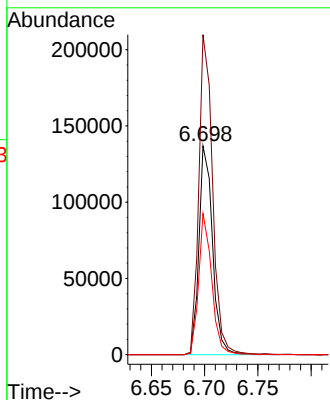
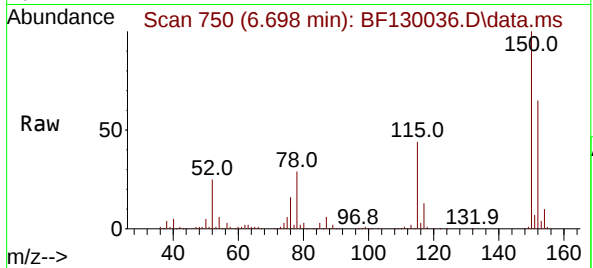




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.698 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130036.D
 Acq: 29 Aug 2022 15:56

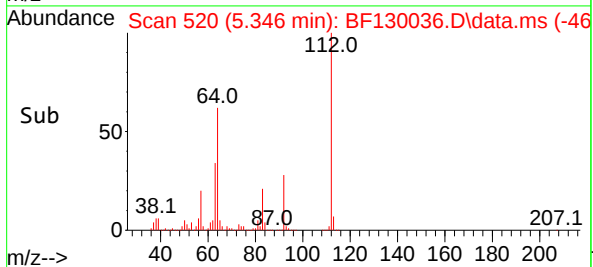
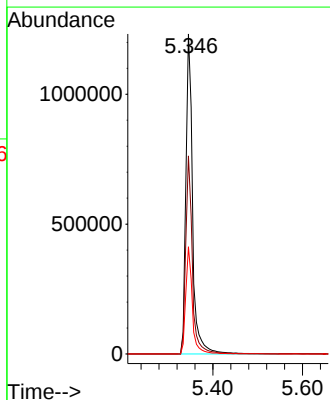
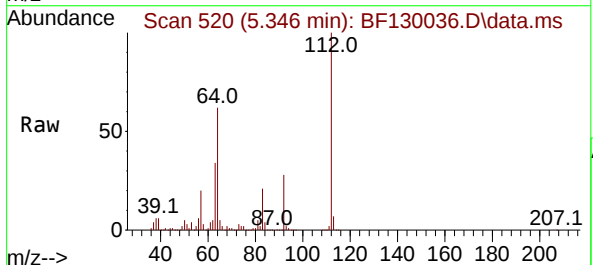
Instrument :
 BNA_F
 ClientSampleId :
 SB-05-10-12

Tgt Ion:152 Resp: 121862
 Ion Ratio Lower Upper
 152 100
 150 153.4 126.9 190.3
 115 67.7 53.4 80.0



#5
 2-Fluorophenol
 Concen: 173.705 ng
 RT: 5.346 min Scan# 520
 Delta R.T. 0.012 min
 Lab File: BF130036.D
 Acq: 29 Aug 2022 15:56

Tgt Ion:112 Resp: 1278497
 Ion Ratio Lower Upper
 112 100
 64 61.9 47.6 71.4
 63 33.5 24.6 37.0

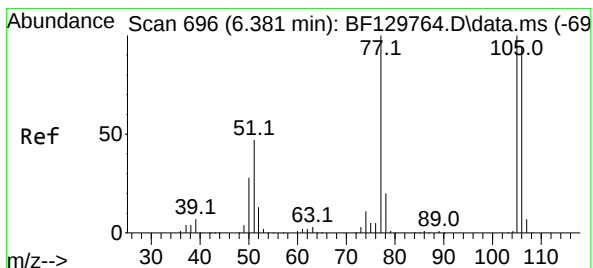
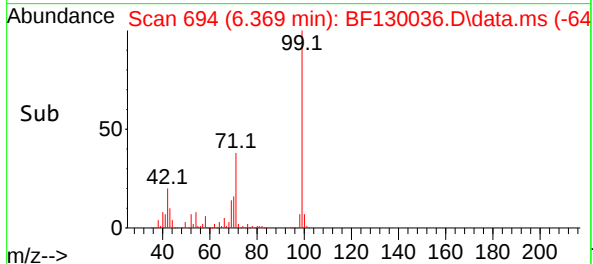
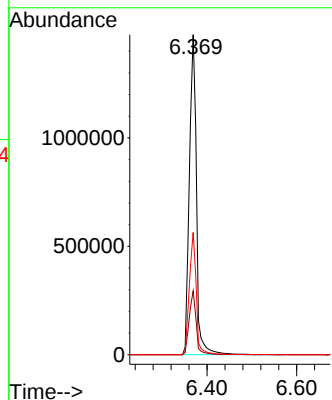
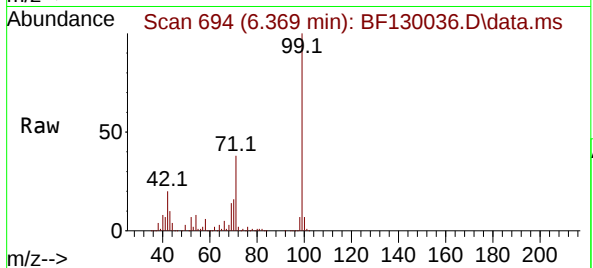




#7
Phenol-d6
Concen: 175.071 ng
RT: 6.369 min Scan# 694
Delta R.T. 0.000 min
Lab File: BF130036.D
Acq: 29 Aug 2022 15:56

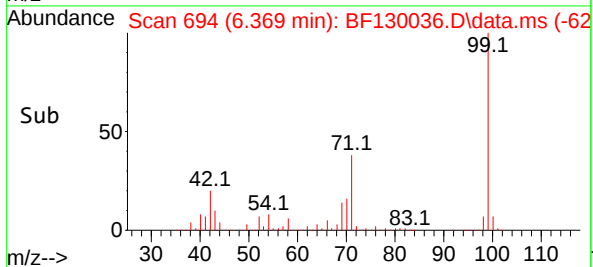
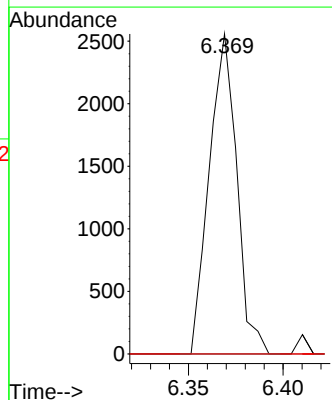
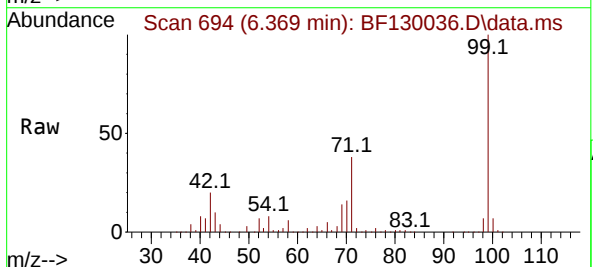
Instrument :
BNA_F
ClientSampleId :
SB-05-10-12

Tgt Ion: 99 Resp: 1613621
Ion Ratio Lower Upper
99 100
42 20.0 15.0 22.4
71 38.2 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.369 min Scan# 694
Delta R.T. 0.106 min
Lab File: BF130036.D
Acq: 29 Aug 2022 15:56

Tgt Ion: 77 Resp: 2591
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

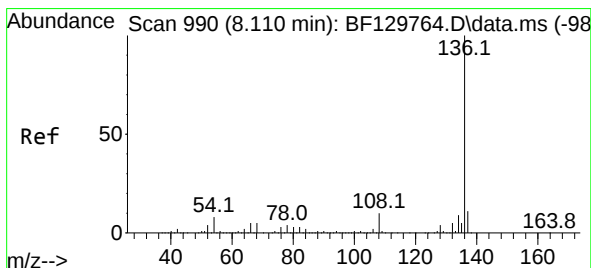
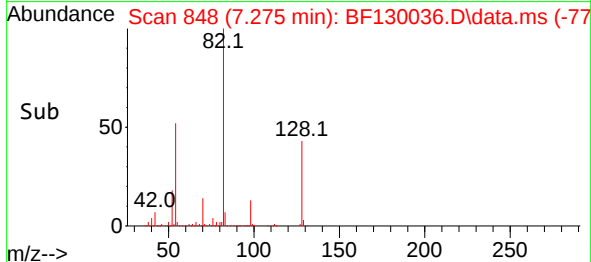
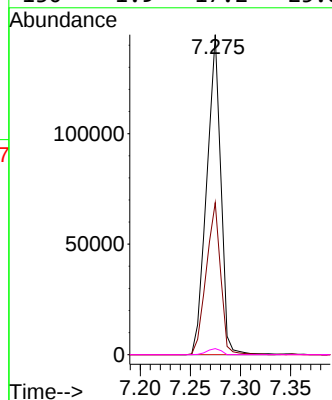
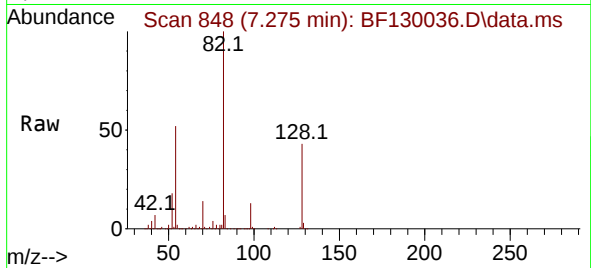




#19
n-Nitroso-di-n-propylamine
Concen: 24.512 ng
RT: 7.275 min Scan# 842
Delta R.T. 0.147 min
Lab File: BF130036.D
Acq: 29 Aug 2022 15:56

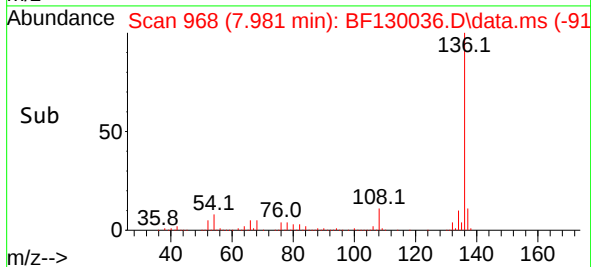
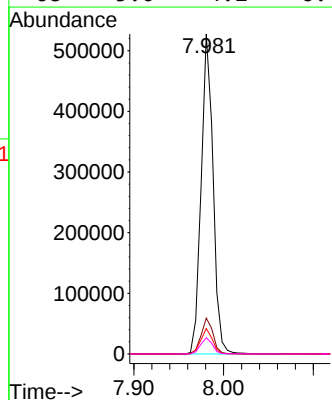
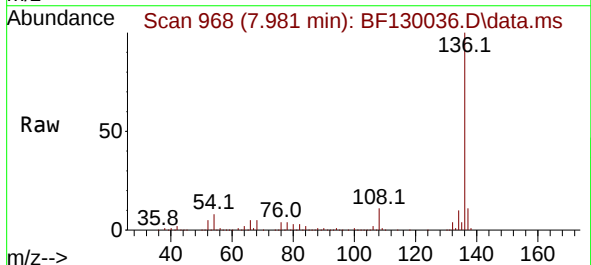
Instrument :
BNA_F
ClientSampleId :
SB-05-10-12

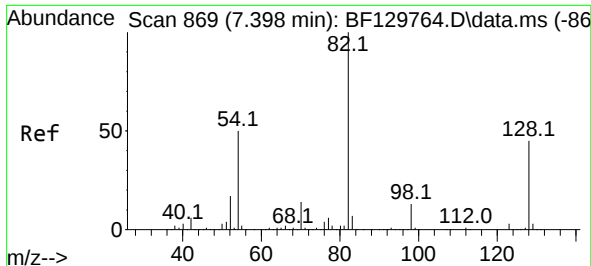
Tgt Ion: 70 Resp: 142804
Ion Ratio Lower Upper
70 100
42 47.5 47.6 71.4#
101 0.0 8.1 12.1#
130 1.9 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.006 min
Lab File: BF130036.D
Acq: 29 Aug 2022 15:56

Tgt Ion: 136 Resp: 486002
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.0 6.2 9.2
68 5.0 4.2 6.4

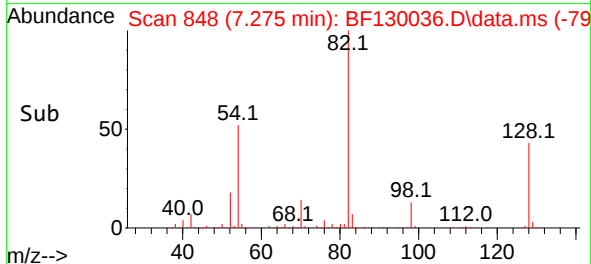
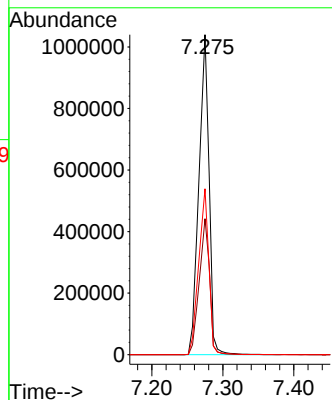
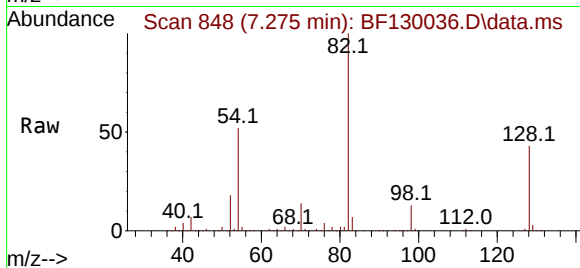




#23
Nitrobenzene-d5
Concen: 114.441 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF130036.D
Acq: 29 Aug 2022 15:56

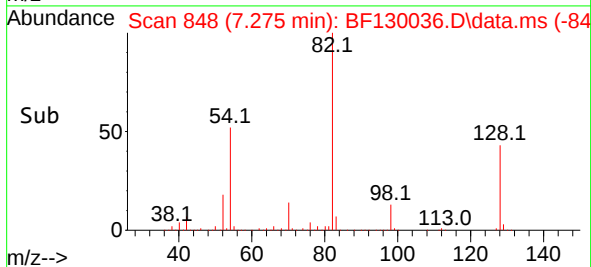
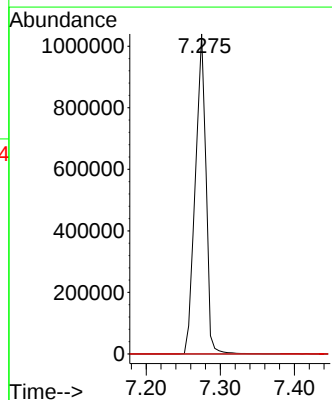
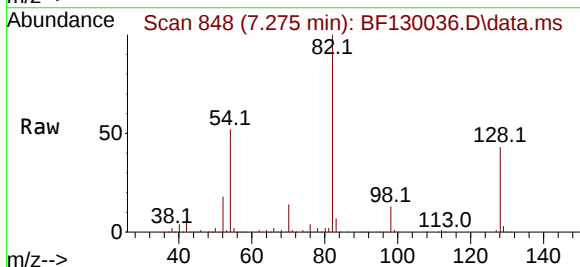
Instrument :
BNA_F
ClientSampleId :
SB-05-10-12

Tgt Ion: 82 Resp: 1038984
Ion Ratio Lower Upper
82 100
128 42.5 36.1 54.1
54 51.8 40.0 60.0



#25
Isophorone
Concen: 66.490 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.259 min
Lab File: BF130036.D
Acq: 29 Aug 2022 15:56

Tgt Ion: 82 Resp: 1038974
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

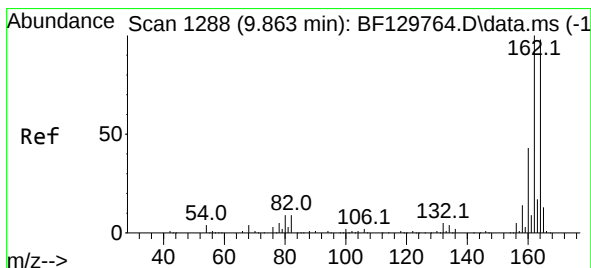
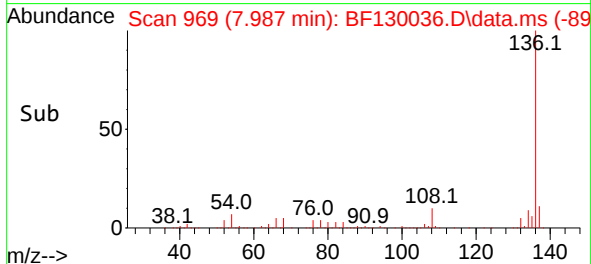
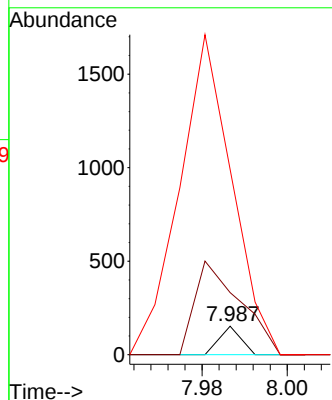
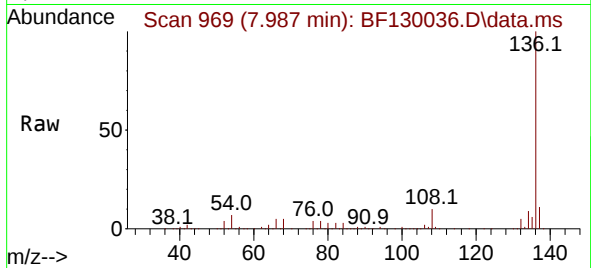




#32
Benzoic acid
Concen: 2.173 ng
RT: 7.987 min Scan# 90
Delta R.T. 0.165 min
Lab File: BF130036.D
Acq: 29 Aug 2022 15:56

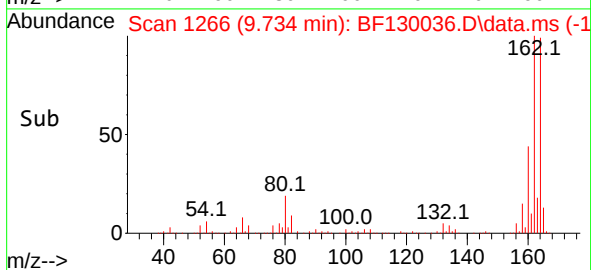
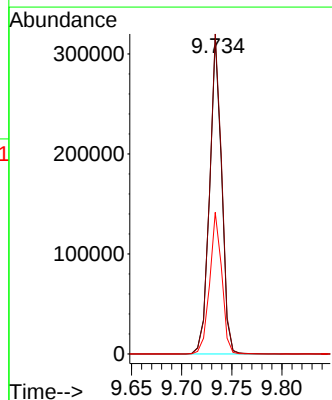
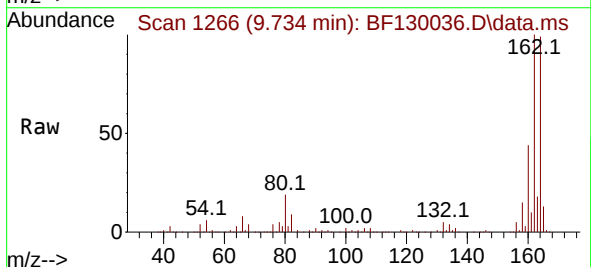
Instrument :
BNA_F
ClientSampleId :
SB-05-10-12

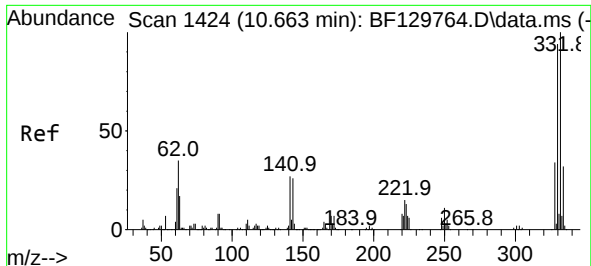
Tgt Ion:	122	Resp:	54
Ion	Ratio	Lower	Upper
122	100		
105	217.0	99.9	139.9#
77	647.7	65.9	105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.734 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF130036.D
Acq: 29 Aug 2022 15:56

Tgt Ion:	164	Resp:	264678
Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.0	123.0
160	44.8	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 185.232 ng

RT: 10.533 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF130036.D

Acq: 29 Aug 2022 15:56

Instrument :

BNA_F

ClientSampleId :

SB-05-10-12

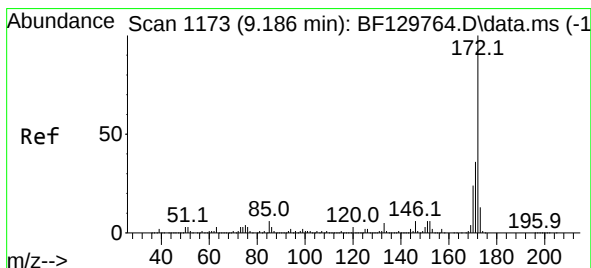
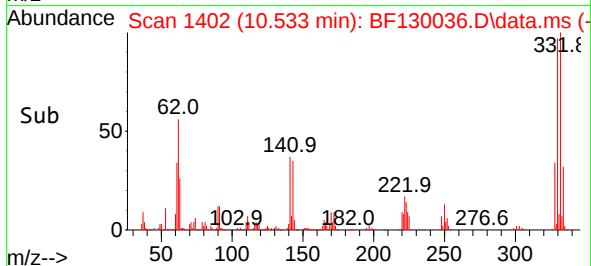
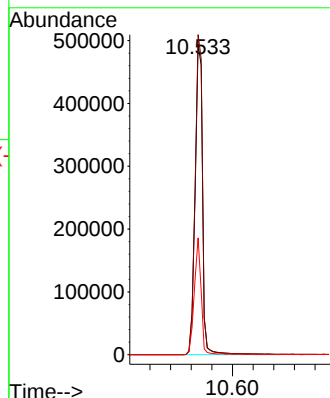
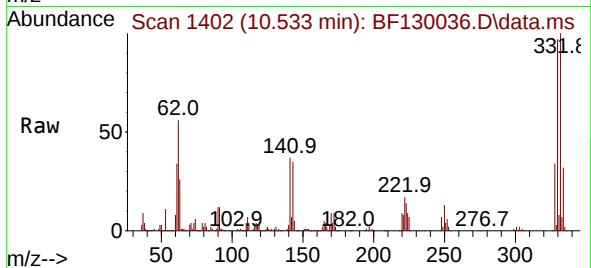
Tgt Ion:330 Resp: 492058

Ion Ratio Lower Upper

330 100

332 102.8 82.6 124.0

141 34.5 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 111.232 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF130036.D

Acq: 29 Aug 2022 15:56

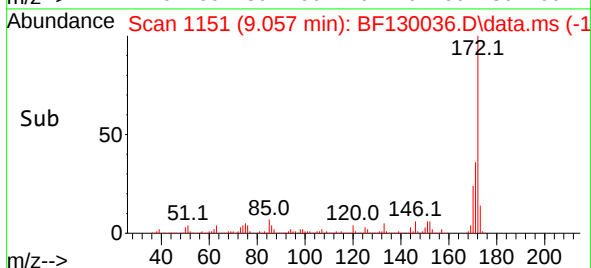
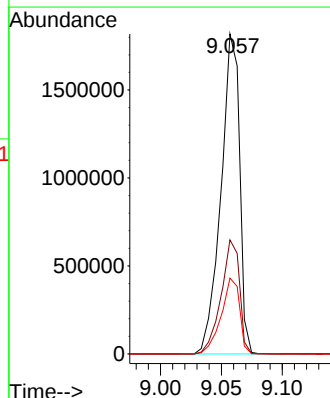
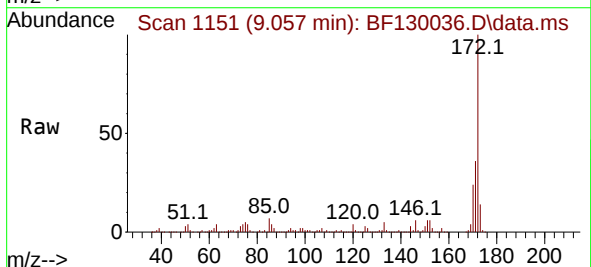
Tgt Ion:172 Resp: 1938413

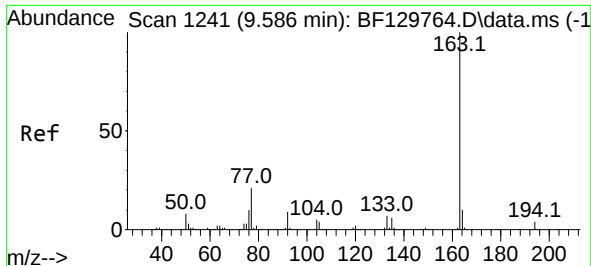
Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.7 19.1 28.7

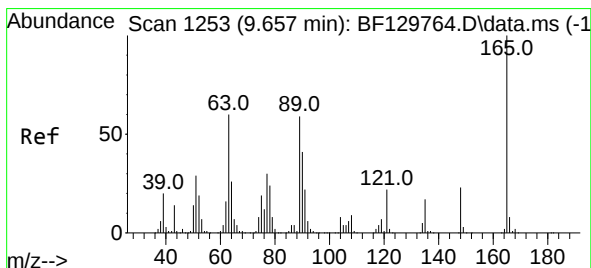
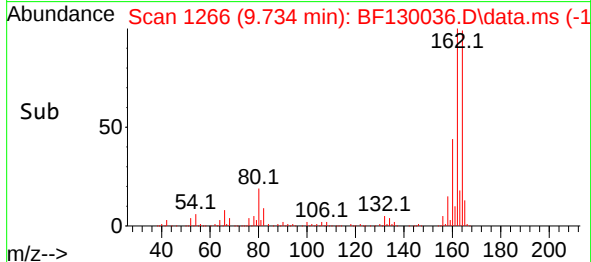
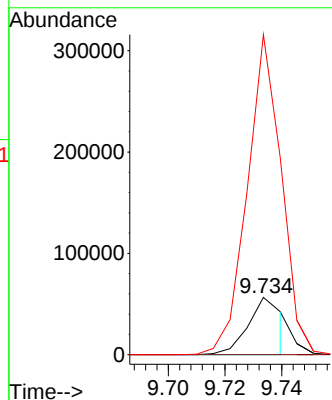
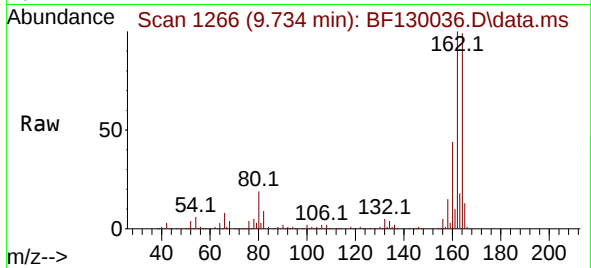




#50
Dimethylphthalate
Concen: 2.458 ng
RT: 9.734 min Scan# 1266
Delta R.T. 0.265 min
Lab File: BF130036.D
Acq: 29 Aug 2022 15:56

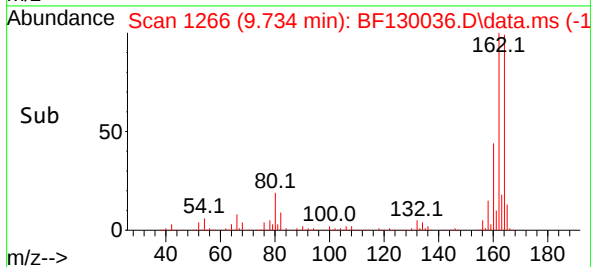
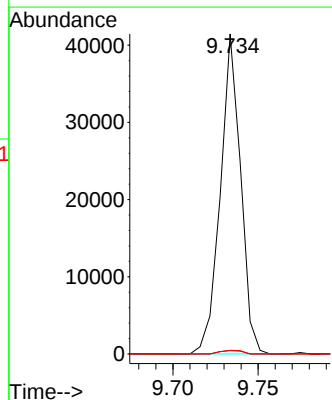
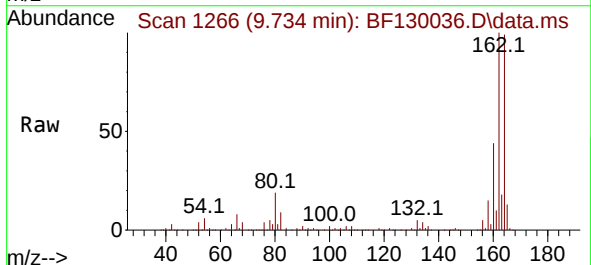
Instrument :
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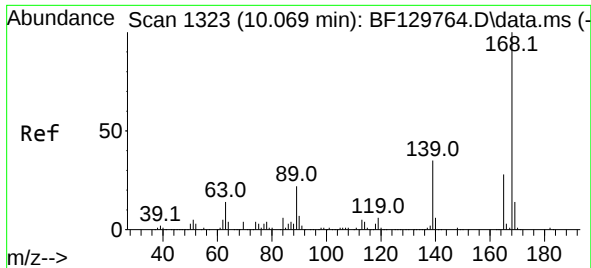
Tgt Ion:163 Resp: 46644
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 559.0 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.342 ng
RT: 9.734 min Scan# 1266
Delta R.T. 0.188 min
Lab File: BF130036.D
Acq: 29 Aug 2022 15:56

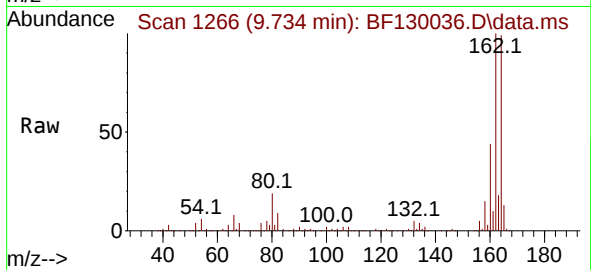
Tgt Ion:165 Resp: 34334
Ion Ratio Lower Upper
165 100
63 1.0 47.8 71.8#
89 1.2 47.2 70.8#



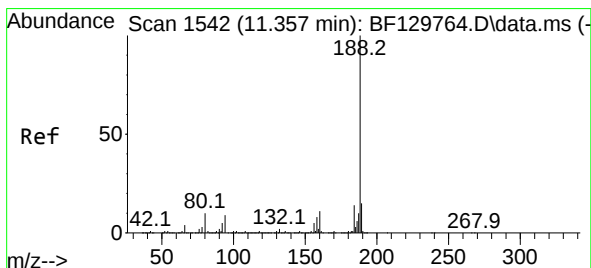
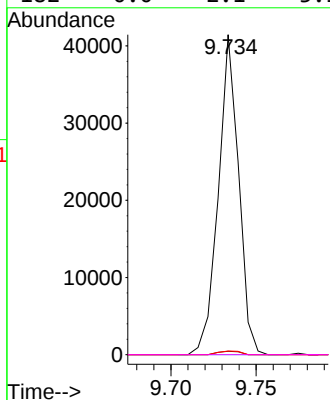
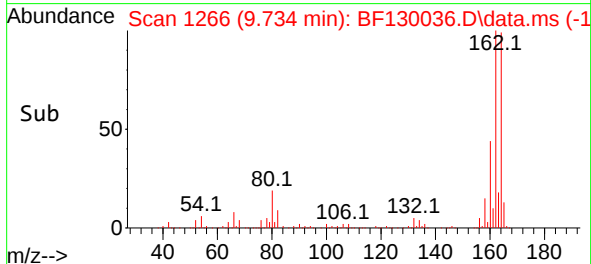


#57
2,4-Dinitrotoluene
Concen: 6.426 ng
RT: 9.734 min Scan# 1519
Delta R.T. -0.217 min
Lab File: BF130036.D
Acq: 29 Aug 2022 15:56

Instrument :
BNA_F
ClientSampleId :
SB-05-10-12

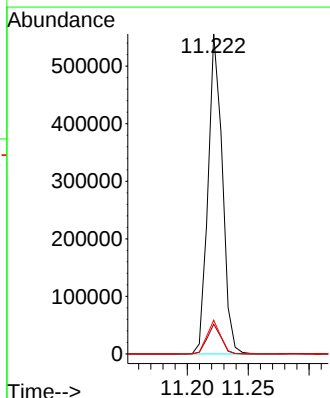
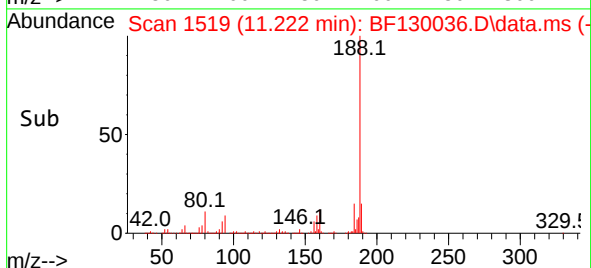
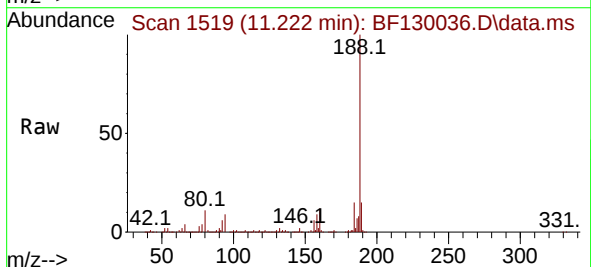


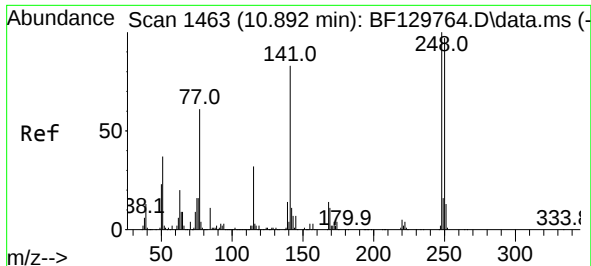
Tgt Ion:165 Resp: 34334
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.2 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BF130036.D
Acq: 29 Aug 2022 15:56

Tgt Ion:188 Resp: 452073
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.5 7.9 11.9

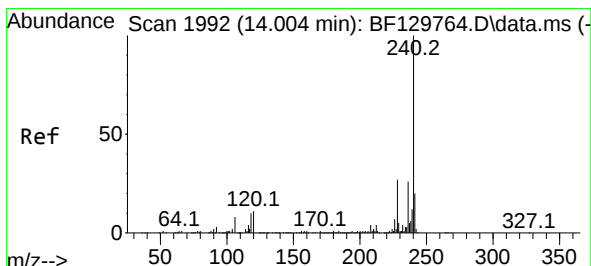
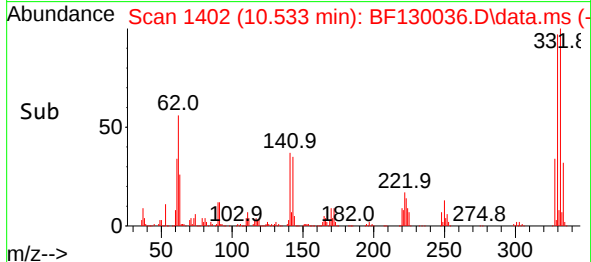
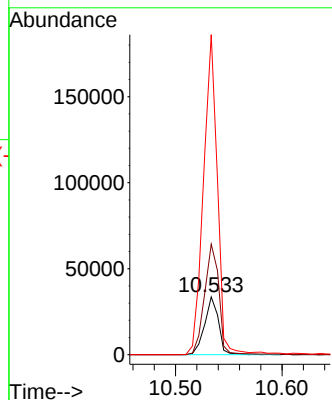
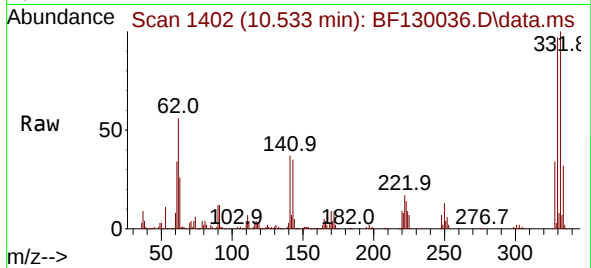




#67
4-Bromophenyl-phenylether
Concen: 5.770 ng
RT: 10.533 min Scan# 1463
Delta R.T. -0.235 min
Lab File: BF130036.D
Acq: 29 Aug 2022 15:56

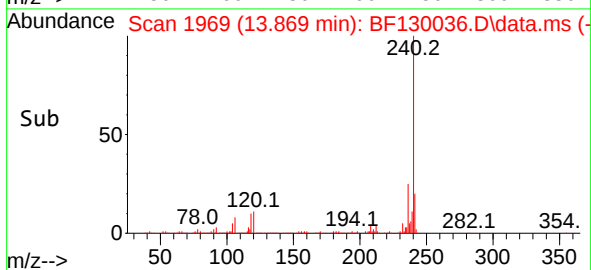
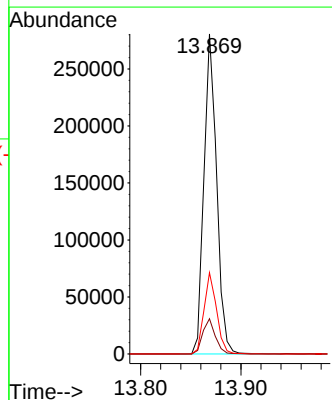
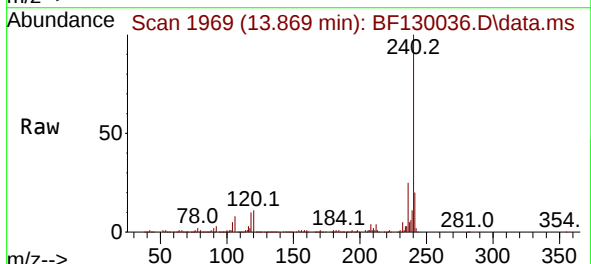
Instrument :
BNA_F
ClientSampleId :
SB-05-10-12

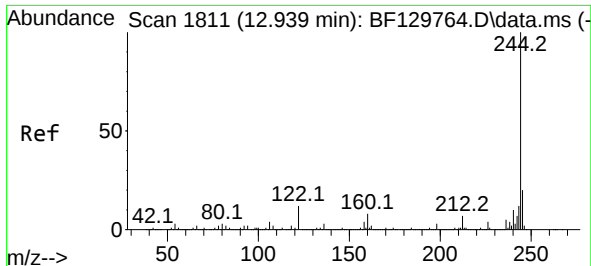
Tgt Ion:248 Resp: 30553
Ion Ratio Lower Upper
248 100
250 191.2 77.8 116.6#
141 553.3 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.869 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BF130036.D
Acq: 29 Aug 2022 15:56

Tgt Ion:240 Resp: 247933
Ion Ratio Lower Upper
240 100
120 11.0 9.2 13.8
236 25.4 20.7 31.1



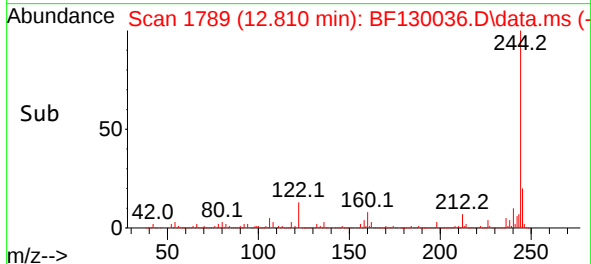
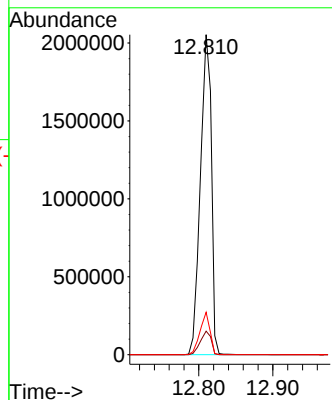
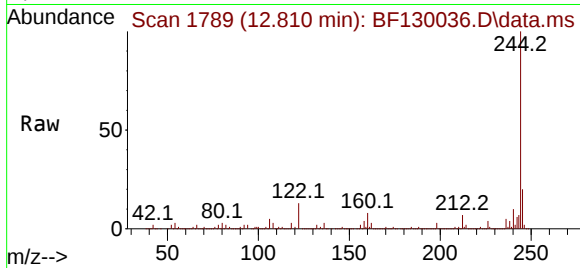


#79
 Terphenyl-d14
 Concen: 141.407 ng
 RT: 12.810 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130036.D
 Acq: 29 Aug 2022 15:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-05-10-12

Tgt Ion:244 Resp: 2107013

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	13.3	9.9	14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2212
 Delta R.T. -0.006 min
 Lab File: BF130036.D
 Acq: 29 Aug 2022 15:56

Tgt Ion:264 Resp: 240526

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	22.4	16.7	25.1

