

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
 Data File : BF130035.D
 Acq On : 29 Aug 2022 15:21
 Operator : CG\JU
 Sample : N4379-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-10-11

Quant Time: Aug 30 01:27:12 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)

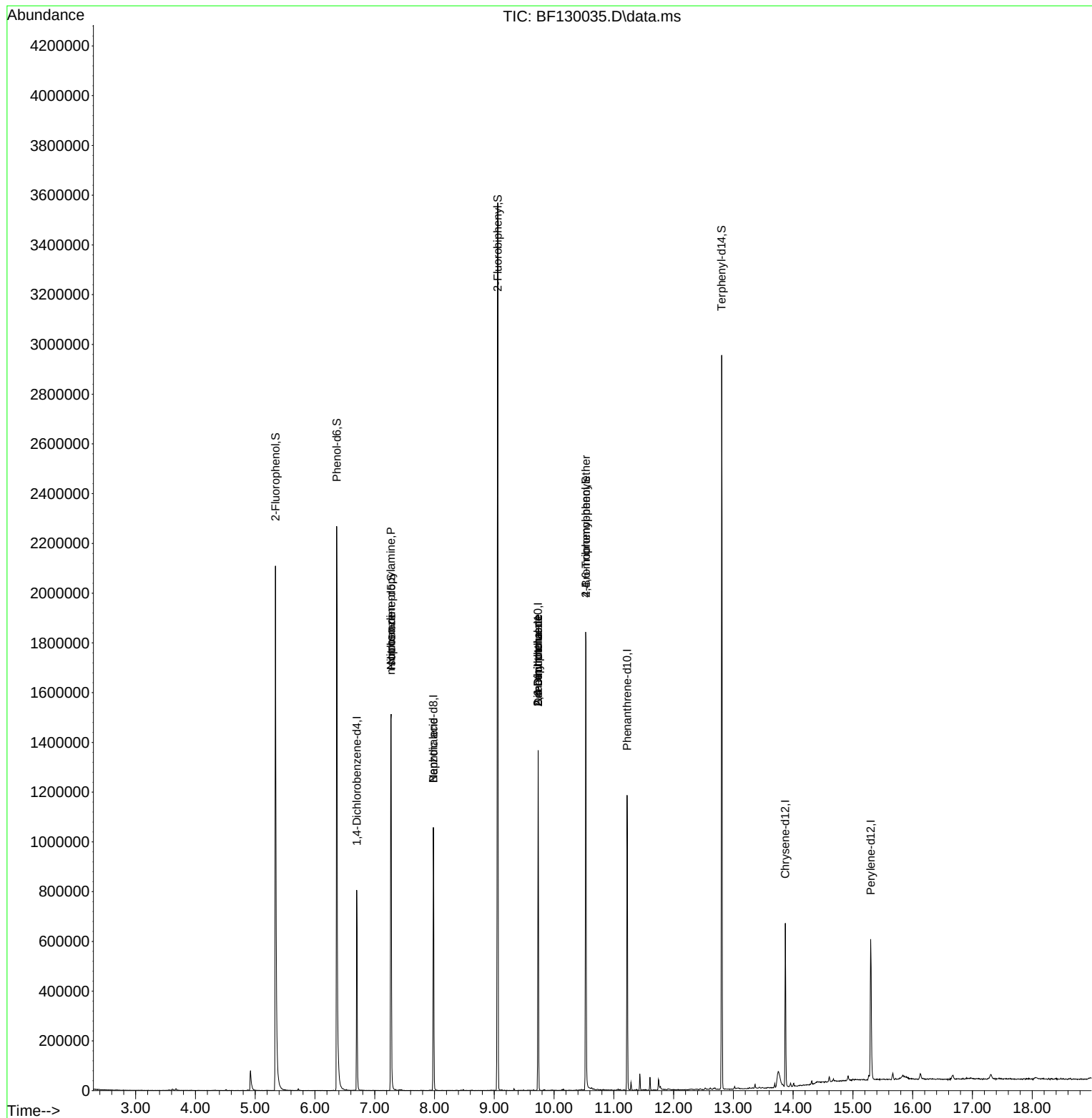
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.699	152	115057	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	460654	20.000	ng	0.00
39) Acenaphthene-d10	9.734	164	244114	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	406204	20.000	ng	0.00
76) Chrysene-d12	13.869	240	204302	20.000	ng	0.00
86) Perylene-d12	15.298	264	240726	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	638552	91.889	ng	0.00
7) Phenol-d6	6.363	99	800995	92.044	ng	0.00
23) Nitrobenzene-d5	7.275	82	511093	59.393	ng	0.00
42) 2,4,6-Tribromophenol	10.534	330	223303	91.142	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	985308	61.303	ng	0.00
79) Terphenyl-d14	12.804	244	924238	75.274	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.363	77	1264	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.269	70	68642	12.479	ng	# 78
25) Isophorone	7.275	82	511093	34.508	ng	# 65
32) Benzoic acid	7.981	122	64	2.179	ng	# 1
50) Dimethylphthalate	9.734	163	43254	2.472	ng	# 1
51) 2,6-Dinitrotoluene	9.734	165	30906	8.141	ng	# 23
57) 2,4-Dinitrotoluene	9.734	165	30906	6.272	ng	# 18
67) 4-Bromophenyl-phenylether	10.534	248	13777	2.896	ng	# 1
77) Benzidine	12.804	184	13189	Below Cal	#	92

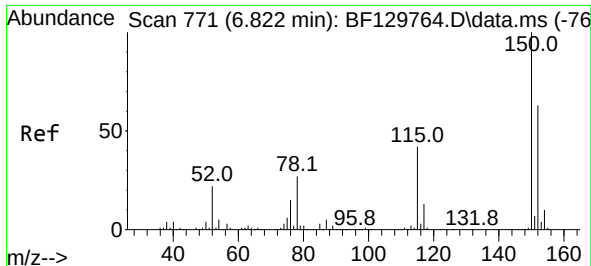
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
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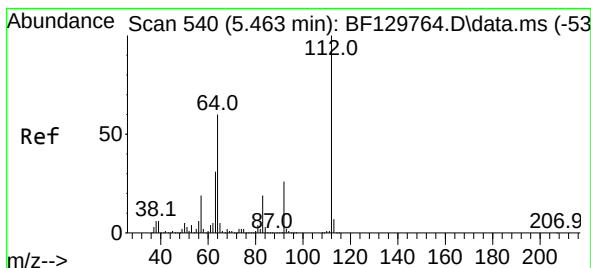
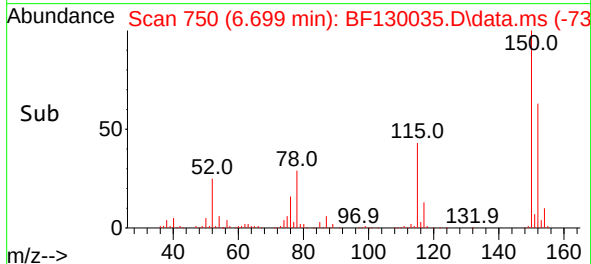
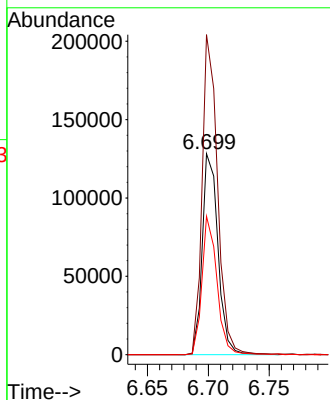
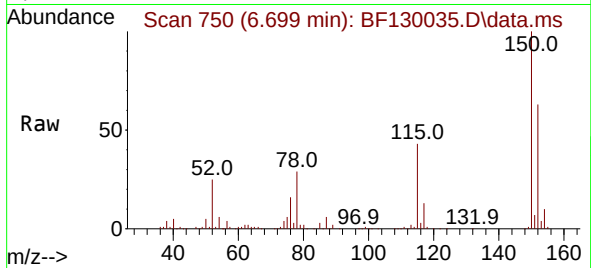




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.699 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF130035.D
Acq: 29 Aug 2022 15:21

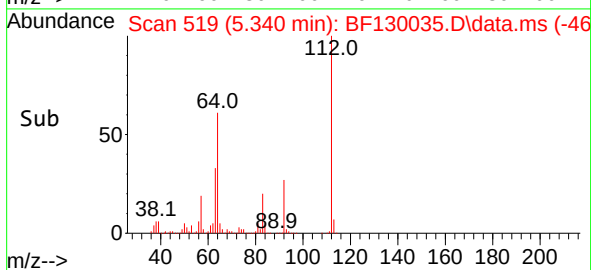
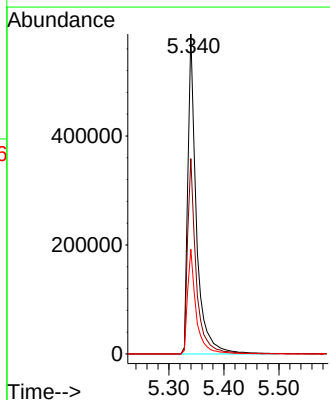
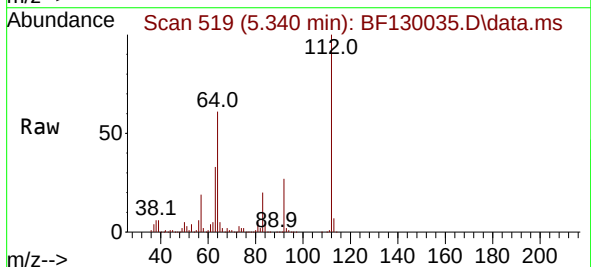
Instrument :
BNA_F
ClientSampleId :
SB-02-10-11

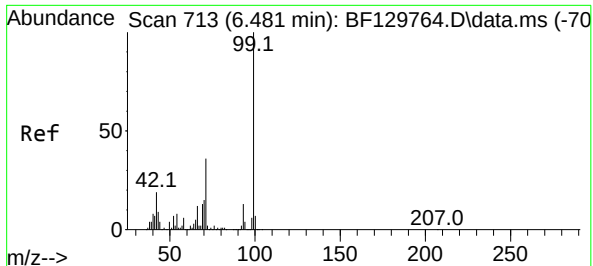
Tgt Ion:152 Resp: 115057
Ion Ratio Lower Upper
152 100
150 159.3 126.9 190.3
115 68.9 53.4 80.0



#5
2-Fluorophenol
Concen: 91.889 ng
RT: 5.340 min Scan# 519
Delta R.T. 0.006 min
Lab File: BF130035.D
Acq: 29 Aug 2022 15:21

Tgt Ion:112 Resp: 638552
Ion Ratio Lower Upper
112 100
64 61.0 47.6 71.4
63 32.7 24.6 37.0

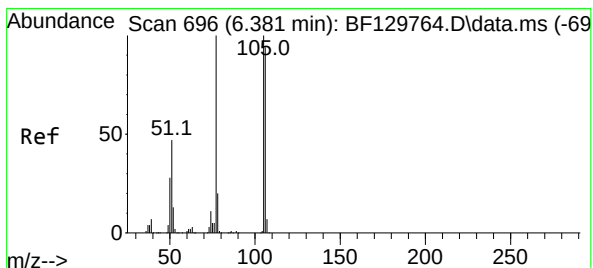
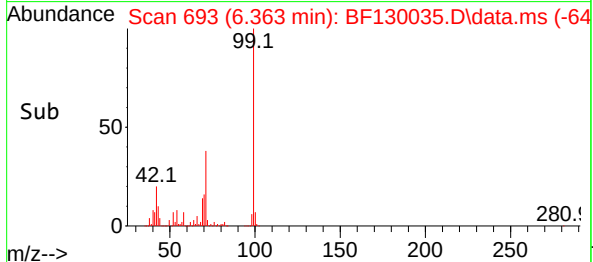
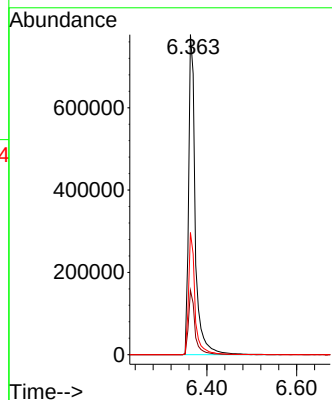
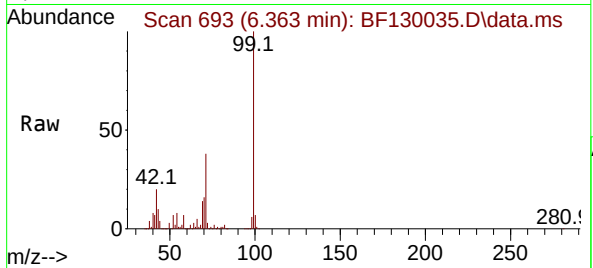




#7
Phenol-d6
Concen: 92.044 ng
RT: 6.363 min Scan# 693
Delta R.T. -0.006 min
Lab File: BF130035.D
Acq: 29 Aug 2022 15:21

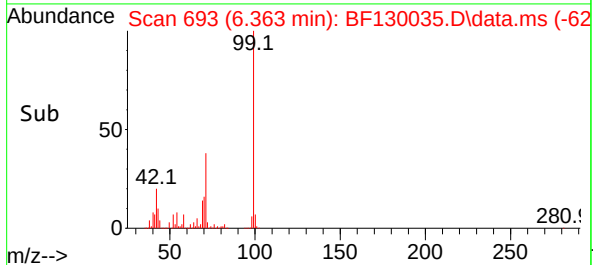
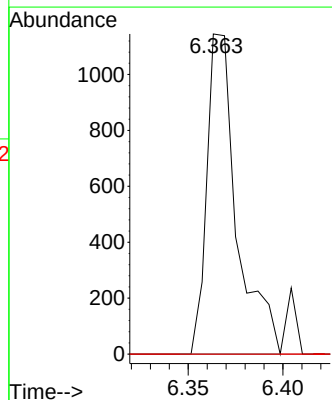
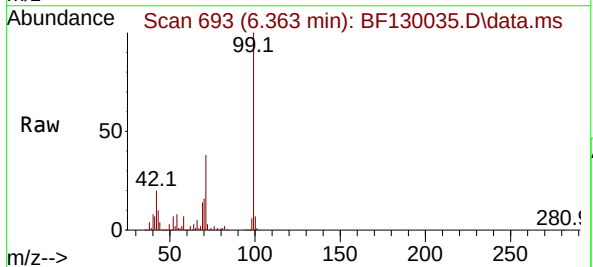
Instrument :
BNA_F
ClientSampleId :
SB-02-10-11

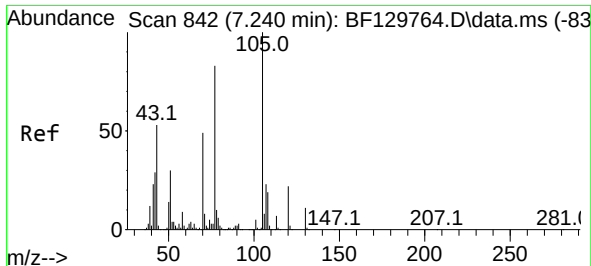
Tgt Ion: 99 Resp: 800995
Ion Ratio Lower Upper
99 100
42 20.1 15.0 22.4
71 38.1 28.8 43.2



#9
Benzaldehyde
Concen: Below Cal
RT: 6.363 min Scan# 693
Delta R.T. 0.100 min
Lab File: BF130035.D
Acq: 29 Aug 2022 15:21

Tgt Ion: 77 Resp: 1264
Ion Ratio Lower Upper
77 100
105 0.0 80.3 120.3#
106 0.0 74.3 114.3#

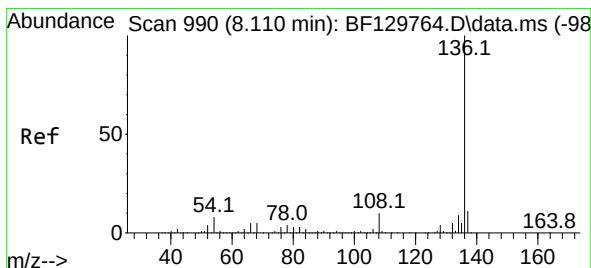
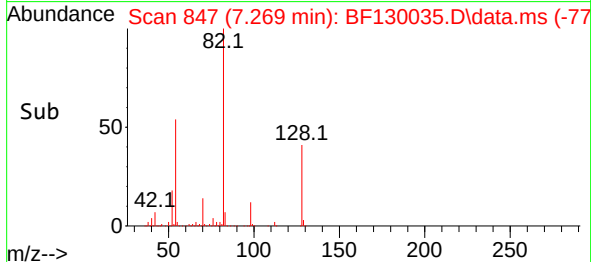
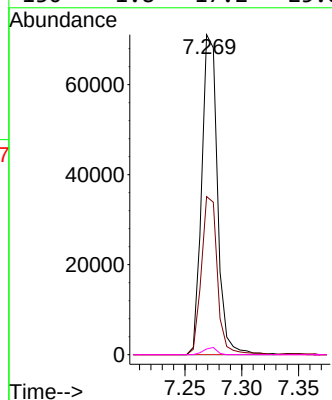
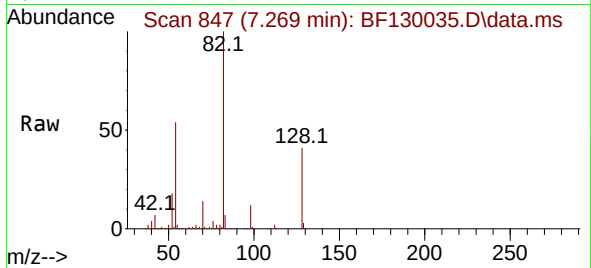




#19
n-Nitroso-di-n-propylamine
Concen: 12.479 ng
RT: 7.269 min Scan# 84
Delta R.T. 0.141 min
Lab File: BF130035.D
Acq: 29 Aug 2022 15:21

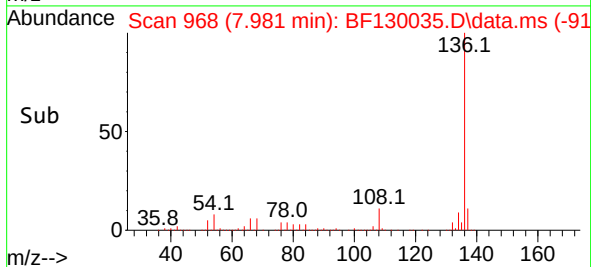
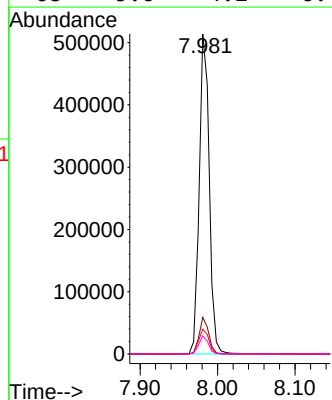
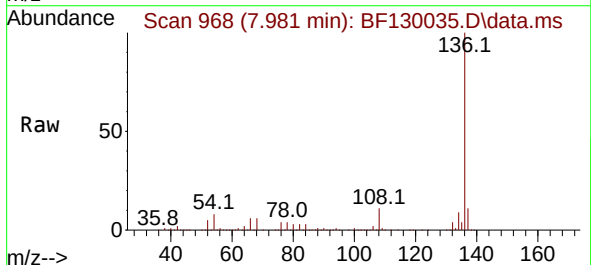
Instrument :
BNA_F
ClientSampleId :
SB-02-10-11

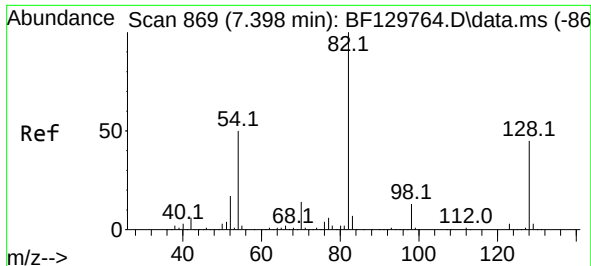
Tgt Ion: 70 Resp: 68642
Ion Ratio Lower Upper
70 100
42 49.4 47.6 71.4
101 0.0 8.1 12.1#
130 1.8 17.2 25.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.006 min
Lab File: BF130035.D
Acq: 29 Aug 2022 15:21

Tgt Ion:136 Resp: 460654
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 7.8 6.2 9.2
68 5.6 4.2 6.4

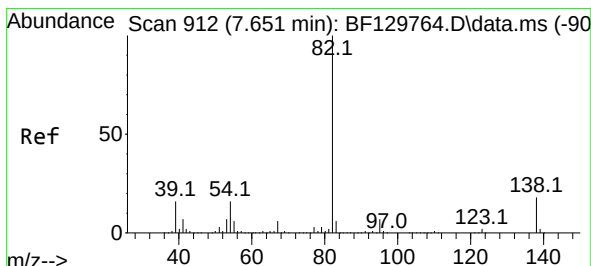
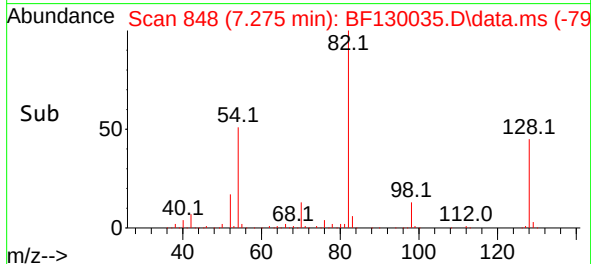
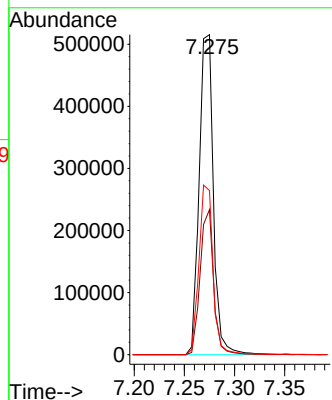
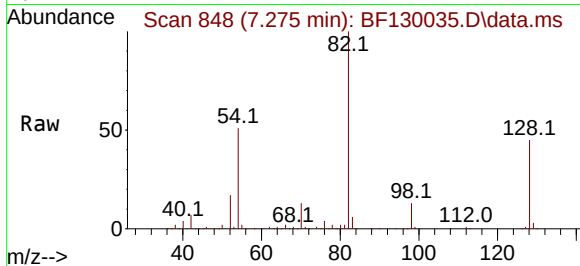




#23
Nitrobenzene-d5
Concen: 59.393 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF130035.D
Acq: 29 Aug 2022 15:21

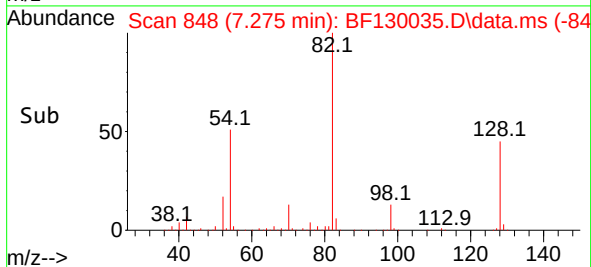
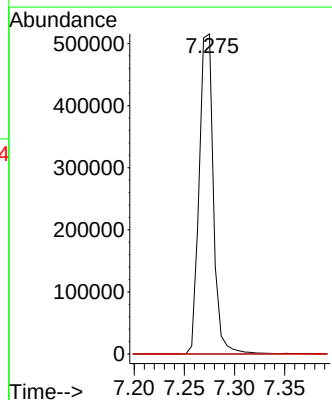
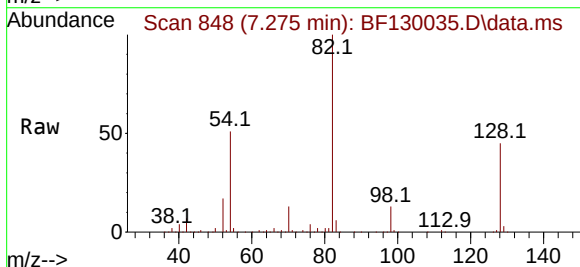
Instrument :
BNA_F
ClientSampleId :
SB-02-10-11

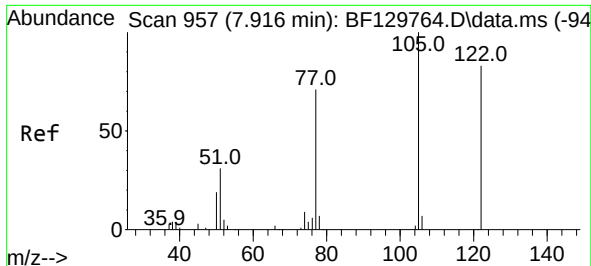
Tgt Ion: 82 Resp: 511093
Ion Ratio Lower Upper
82 100
128 45.3 36.1 54.1
54 51.3 40.0 60.0



#25
Isophorone
Concen: 34.508 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.258 min
Lab File: BF130035.D
Acq: 29 Aug 2022 15:21

Tgt Ion: 82 Resp: 511093
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#

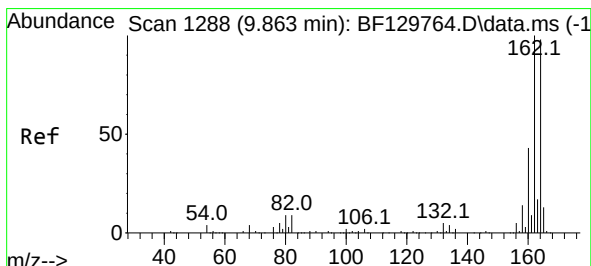
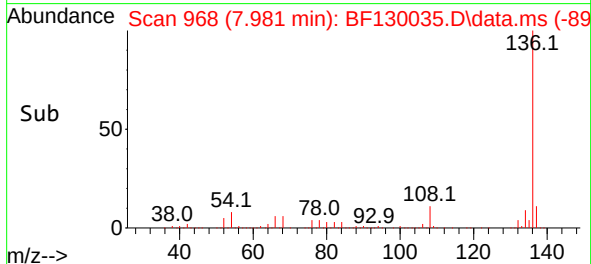
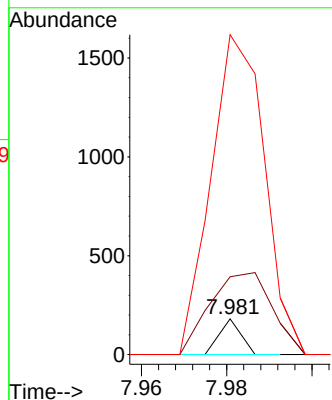
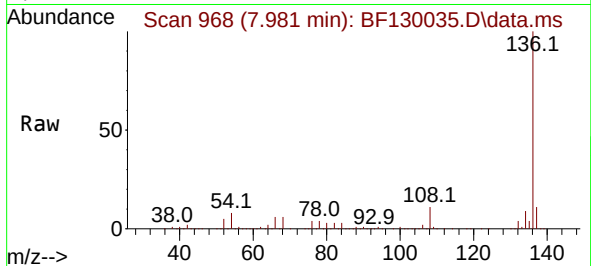




#32
Benzoic acid
Concen: 2.179 ng
RT: 7.981 min Scan# 90
Delta R.T. 0.159 min
Lab File: BF130035.D
Acq: 29 Aug 2022 15:21

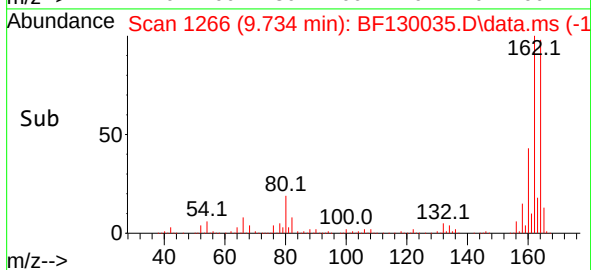
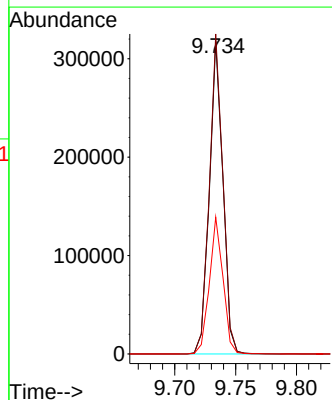
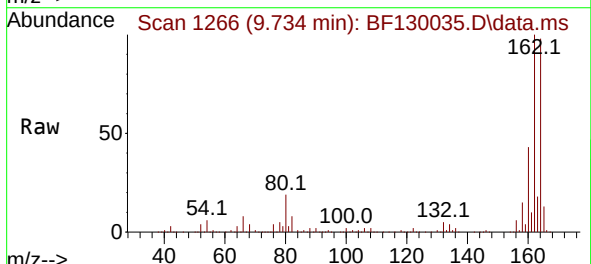
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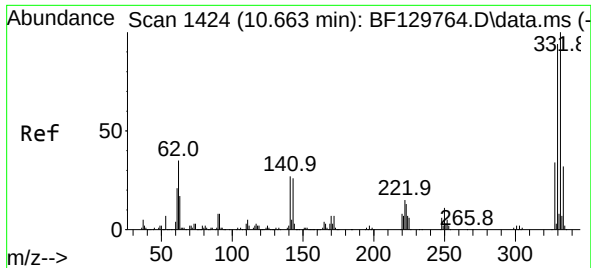
Tgt Ion:	122	Resp:	64
Ion	Ratio	Lower	Upper
122	100		
105	217.7	99.9	139.9#
77	893.9	65.9	105.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.734 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF130035.D
Acq: 29 Aug 2022 15:21

Tgt Ion:	164	Resp:	244114
Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.0	123.0
160	43.8	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 91.142 ng

RT: 10.534 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF130035.D

Acq: 29 Aug 2022 15:21

Instrument :

BNA_F

ClientSampleId :

SB-02-10-11

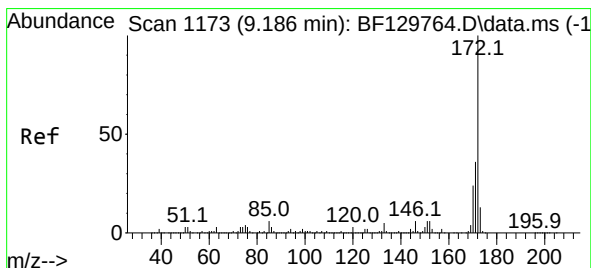
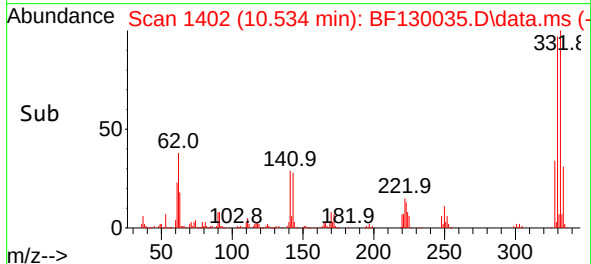
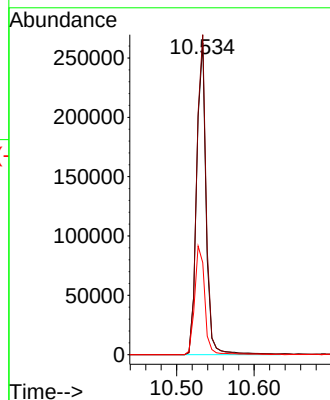
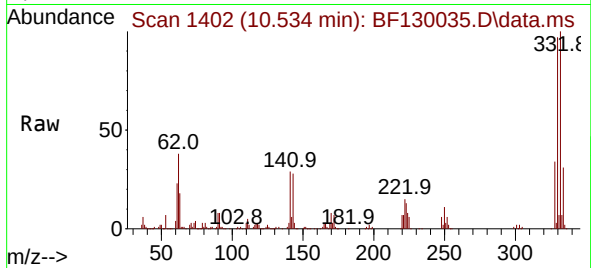
Tgt Ion:330 Resp: 223303

Ion Ratio Lower Upper

330 100

332 103.2 82.6 124.0

141 37.3 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 61.303 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF130035.D

Acq: 29 Aug 2022 15:21

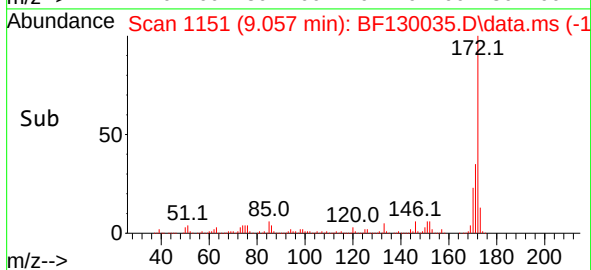
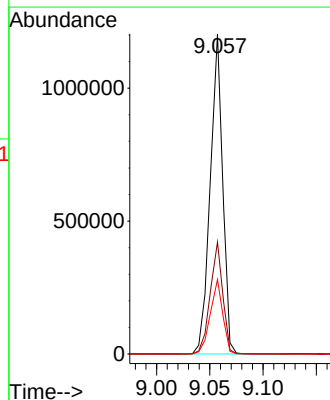
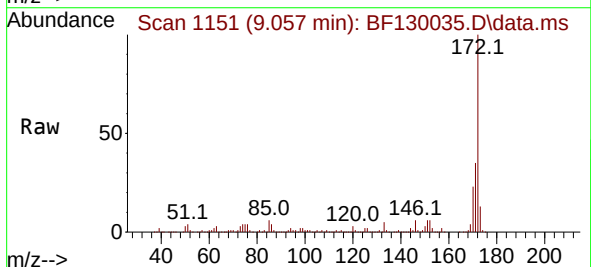
Tgt Ion:172 Resp: 985308

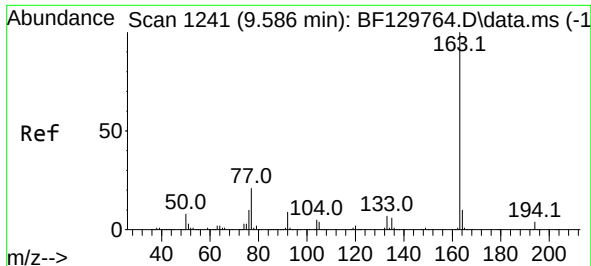
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 23.2 19.1 28.7

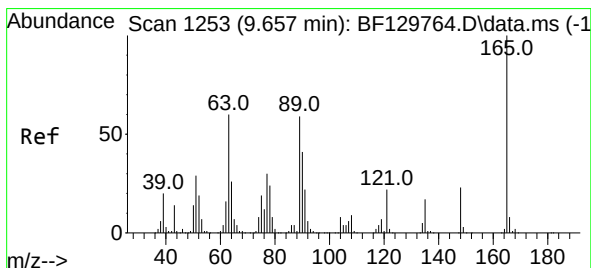
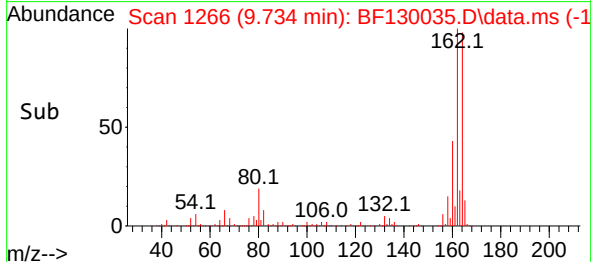
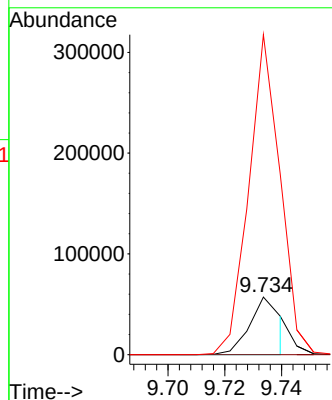
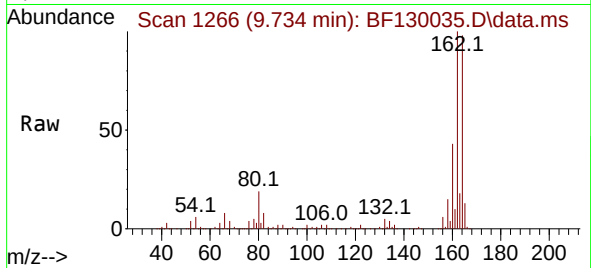




#50
Dimethylphthalate
Concen: 2.472 ng
RT: 9.734 min Scan# 1266
Delta R.T. 0.265 min
Lab File: BF130035.D
Acq: 29 Aug 2022 15:21

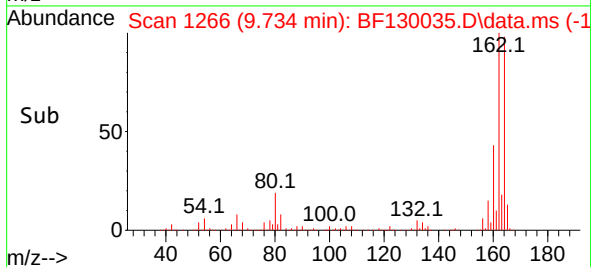
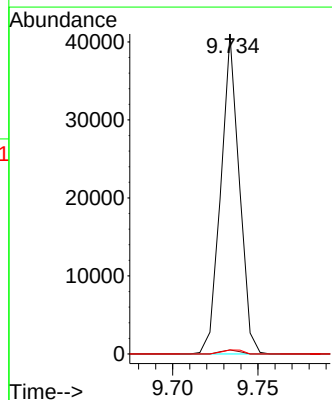
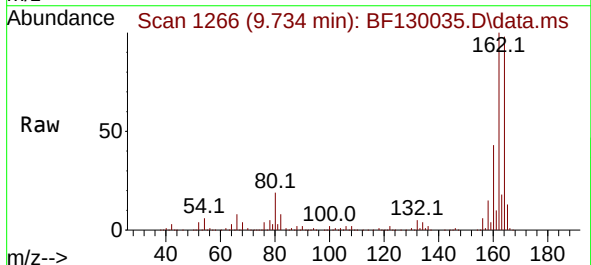
Instrument :
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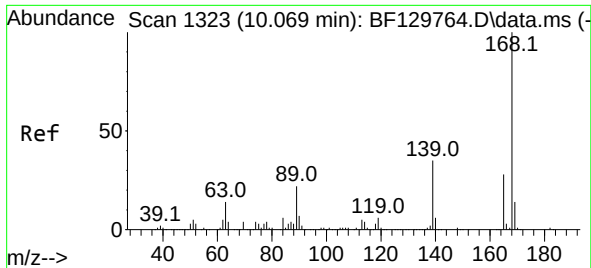
Tgt Ion:163 Resp: 43254
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 554.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.141 ng
RT: 9.734 min Scan# 1266
Delta R.T. 0.189 min
Lab File: BF130035.D
Acq: 29 Aug 2022 15:21

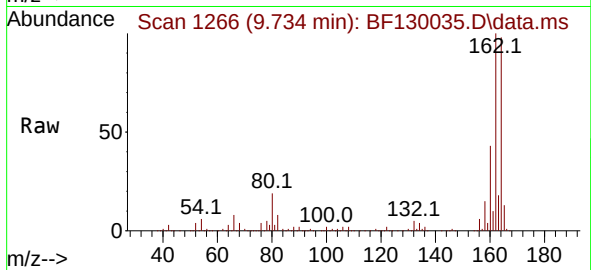
Tgt Ion:165 Resp: 30906
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.8#
89 1.3 47.2 70.8#



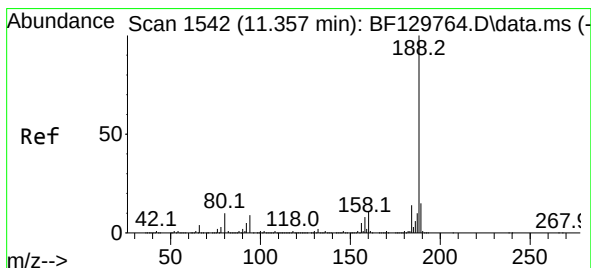
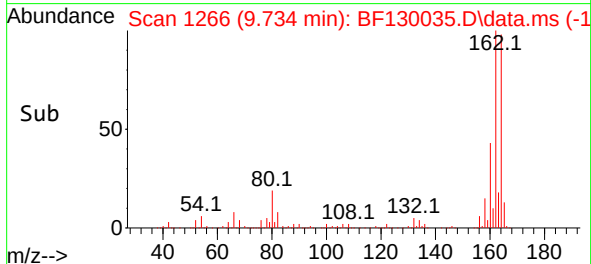
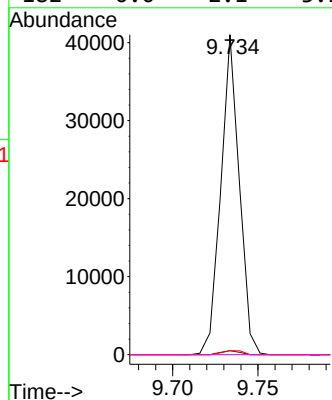


#57
2,4-Dinitrotoluene
Concen: 6.272 ng
RT: 9.734 min Scan# 11
Delta R.T. -0.217 min
Lab File: BF130035.D
Acq: 29 Aug 2022 15:21

Instrument :
BNA_F
ClientSampleId :
SB-02-10-11

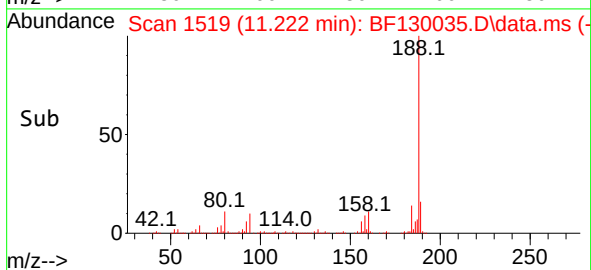
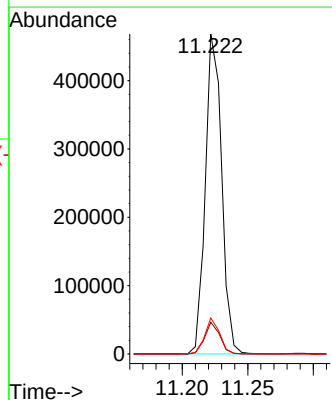
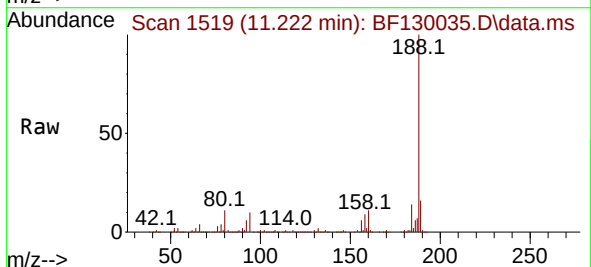


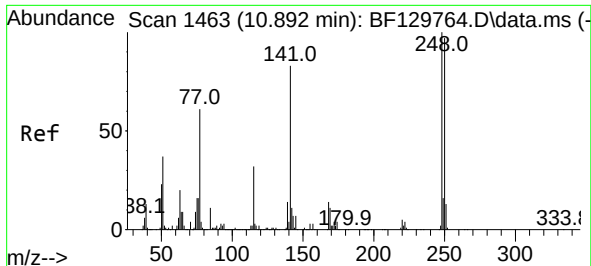
Tgt Ion:165 Resp: 30906
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.3 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BF130035.D
Acq: 29 Aug 2022 15:21

Tgt Ion:188 Resp: 406204
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.2
80 11.2 7.9 11.9

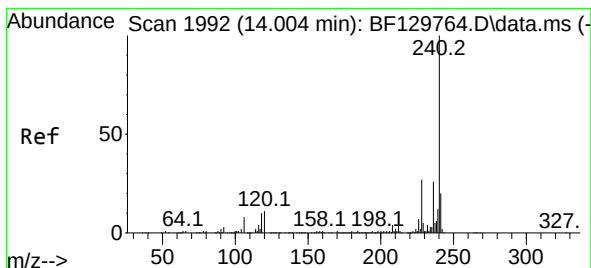
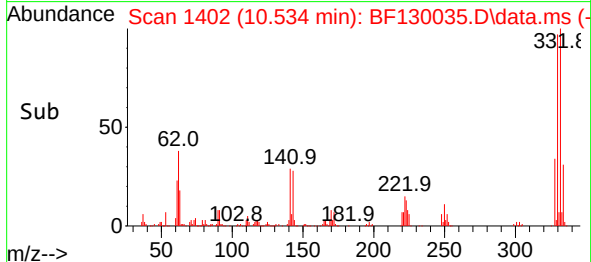
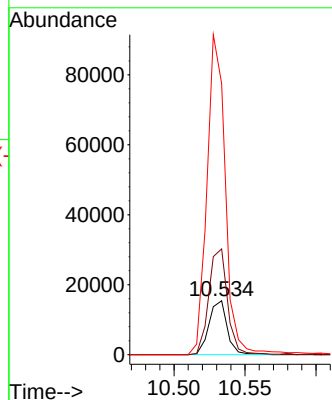
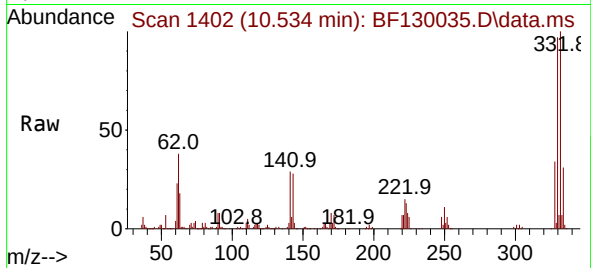




#67
4-Bromophenyl-phenylether
Concen: 2.896 ng
RT: 10.534 min Scan# 1463
Delta R.T. -0.235 min
Lab File: BF130035.D
Acq: 29 Aug 2022 15:21

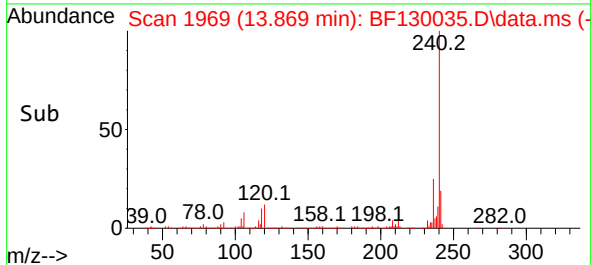
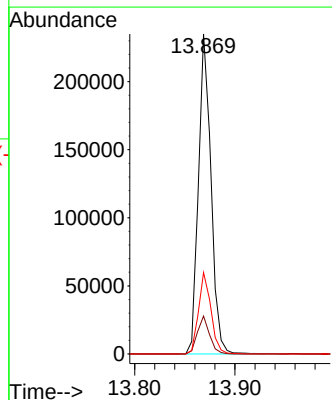
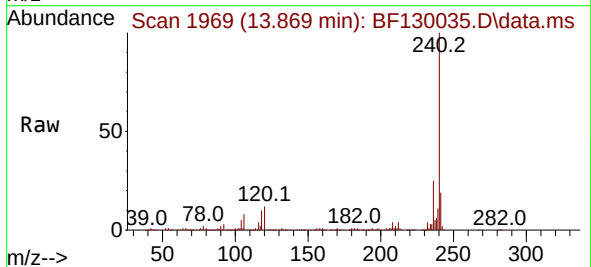
Instrument :
BNA_F
ClientSampleId :
SB-02-10-11

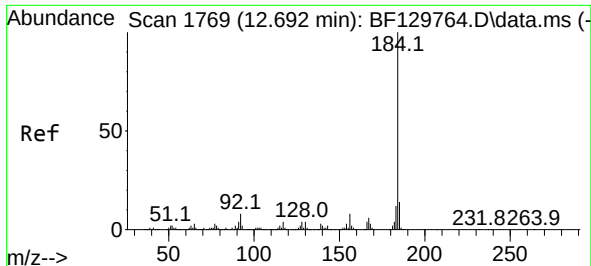
Tgt Ion:248 Resp: 13777
Ion Ratio Lower Upper
248 100
250 196.3 77.8 116.6#
141 503.1 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.869 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BF130035.D
Acq: 29 Aug 2022 15:21

Tgt Ion:240 Resp: 204302
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 25.4 20.7 31.1

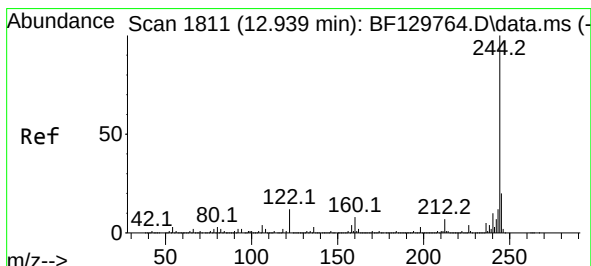
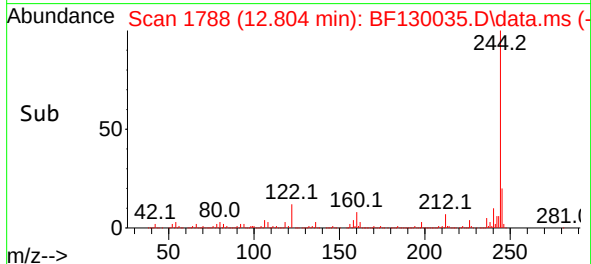
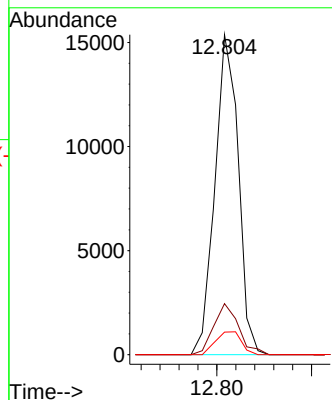
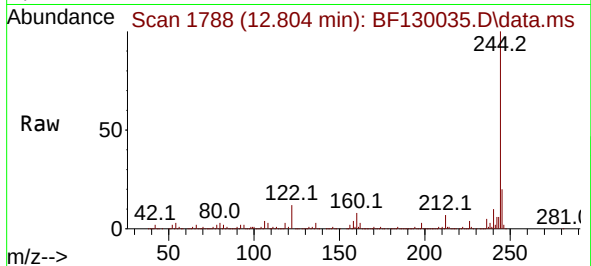




#77
Benzidine
Concen: Below Cal
RT: 12.804 min Scan# 1788
Delta R.T. 0.236 min
Lab File: BF130035.D
Acq: 29 Aug 2022 15:21

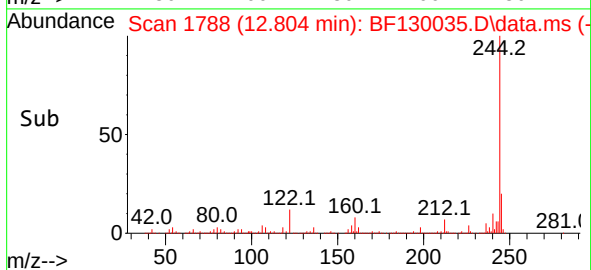
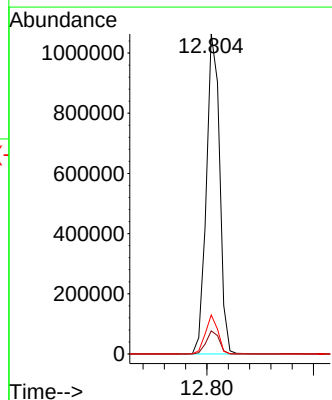
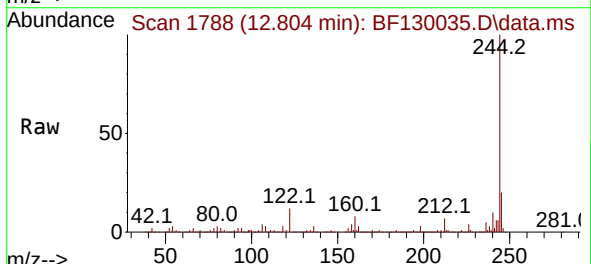
Instrument :
BNA_F
ClientSampleId :
SB-02-10-11

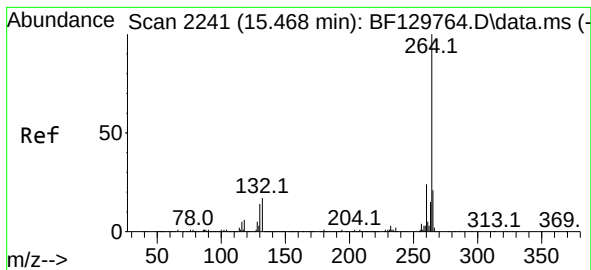
Tgt Ion:184 Resp: 13189
Ion Ratio Lower Upper
184 100
185 15.9 11.4 17.2
183 7.1 9.4 14.2#



#79
Terphenyl-d14
Concen: 75.274 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF130035.D
Acq: 29 Aug 2022 15:21

Tgt Ion:244 Resp: 924238
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 12.2 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130035.D

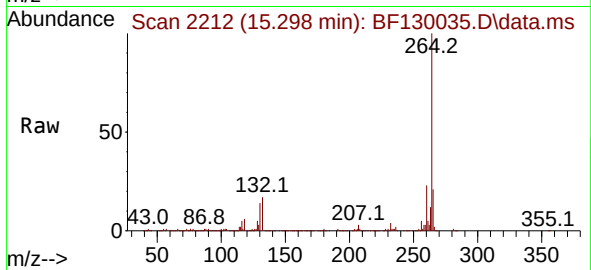
Acq: 29 Aug 2022 15:21

Instrument :

BNA_F

ClientSampleId :

SB-02-10-11



Tgt Ion:264 Resp: 240726

Ion Ratio Lower Upper

264 100

260 23.5 19.1 28.7

265 21.4 16.7 25.1

