

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130121.D
 Acq On : 02 Sep 2022 20:30
 Operator : CG\JU
 Sample : N4456-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KTS2-GW-MH-02-5-20

Quant Time: Sep 03 05:51:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

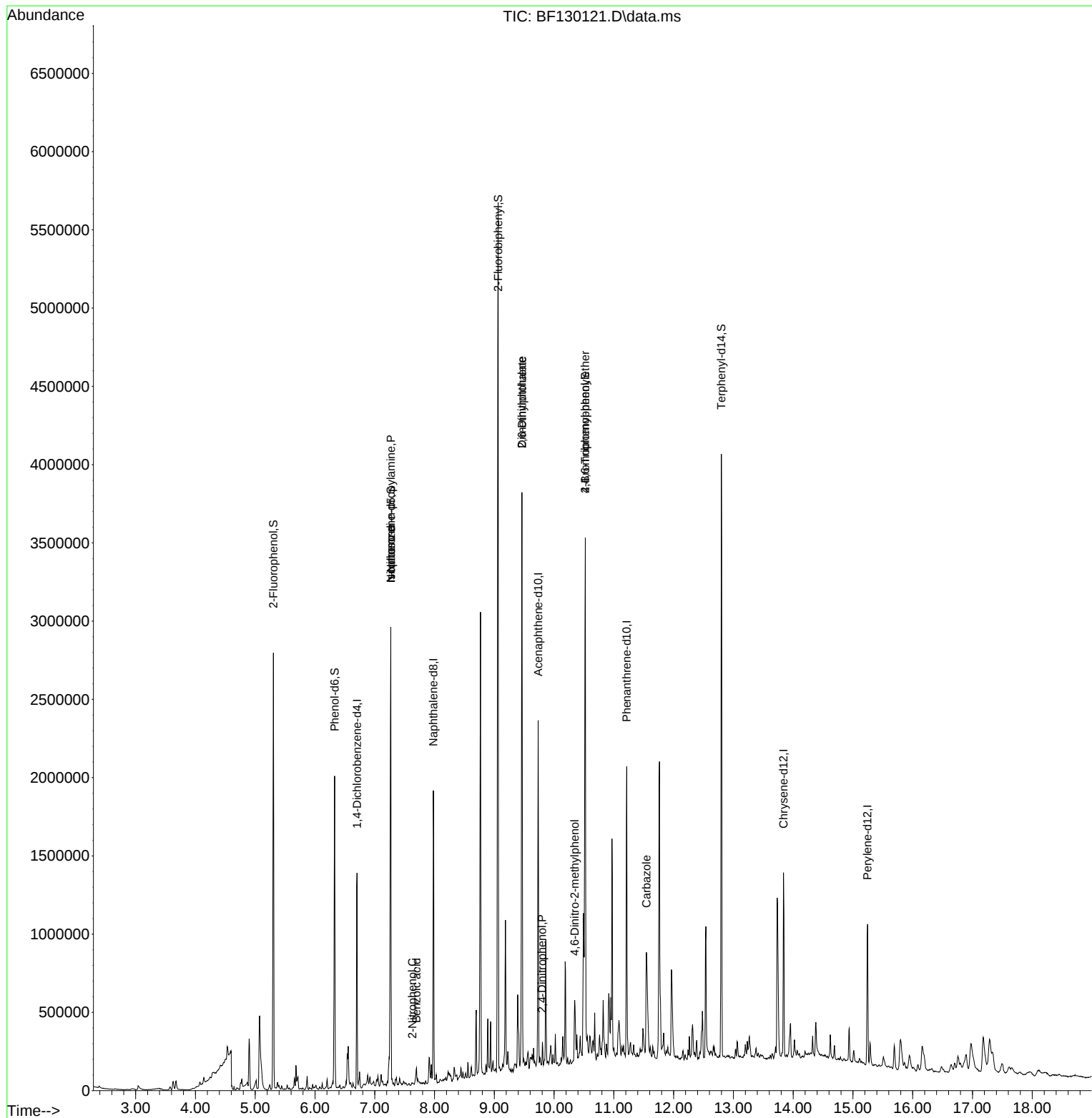
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	210814	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	826614	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	422003	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	641521	20.000	ng	0.00
76) Chrysene-d12	13.839	240	364046	20.000	ng	#-0.02
86) Perylene-d12	15.245	264	381201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	791528	63.741	ng	0.00
7) Phenol-d6	6.328	99	694090	44.833	ng	-0.02
23) Nitrobenzene-d5	7.269	82	975303	75.826	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	403564	105.056	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	1760679	69.173	ng	0.00
79) Terphenyl-d14	12.798	244	1347032	64.165	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	127326	13.652	ng	# 73
25) Isophorone	7.269	82	970333	37.273	ng	# 65
26) 2-Nitrophenol	7.628	139	143	3.521	ng	# 1
32) Benzoic acid	7.698	122	25972	9.085	ng	97
50) Dimethylphthalate	9.463	163	1296134	45.093	ng	# 93
51) 2,6-Dinitrotoluene	9.463	165	24418	4.357	ng	# 32
54) 2,4-Dinitrophenol	9.798	184	72	8.118	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.345	198	167	6.129	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	23987	3.362	ng	# 1
73) Carbazole	11.545	167	198851	6.305	ng	# 65

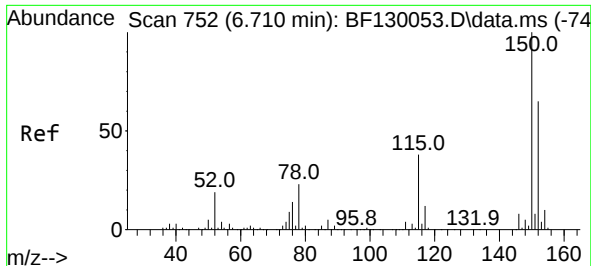
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
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KTS2-GW-MH-02-5-20

Quant Time: Sep 03 05:51:29 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 18:15:32 2022
Response via : Initial Calibration

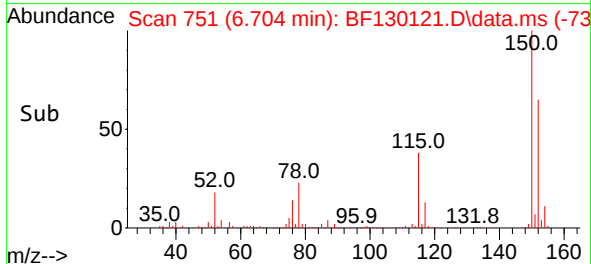
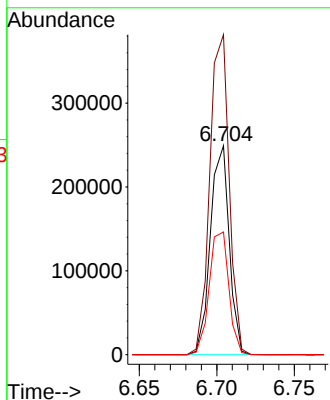
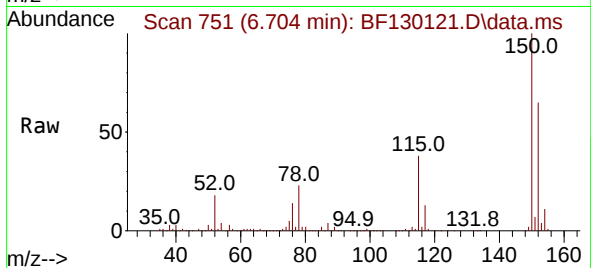




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130121.D
Acq: 02 Sep 2022 20:30

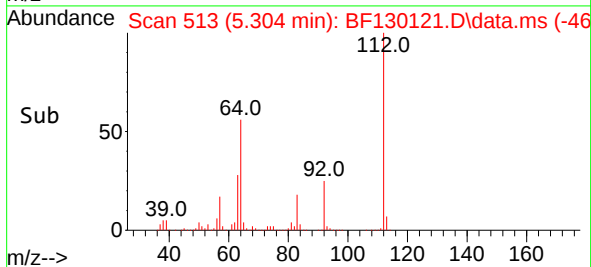
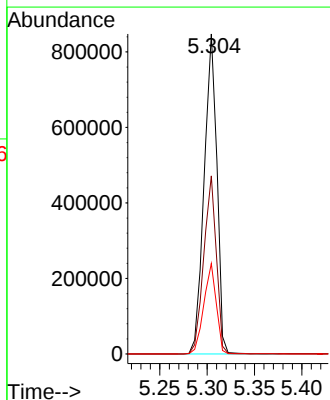
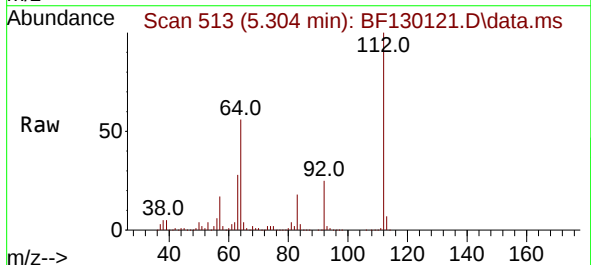
Instrument :
BNA_F
ClientSampleId :
KTS2-GW-MH-02-5-20

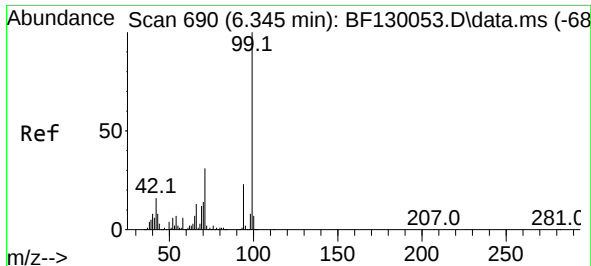
Tgt Ion:152 Resp: 210814
Ion Ratio Lower Upper
152 100
150 153.1 126.9 190.3
115 58.8 53.4 80.0



#5
2-Fluorophenol
Concen: 63.741 ng
RT: 5.304 min Scan# 513
Delta R.T. -0.006 min
Lab File: BF130121.D
Acq: 02 Sep 2022 20:30

Tgt Ion:112 Resp: 791528
Ion Ratio Lower Upper
112 100
64 55.7 47.6 71.4
63 28.2 24.6 37.0

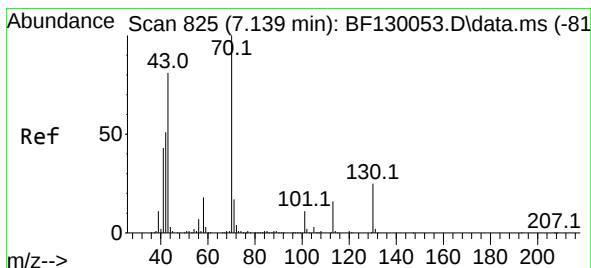
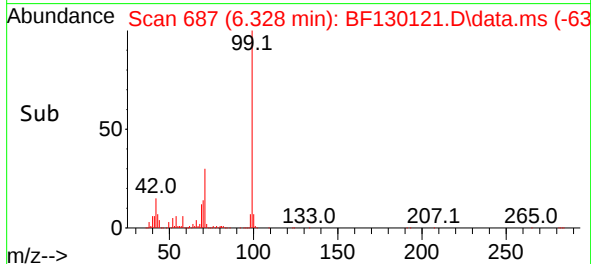
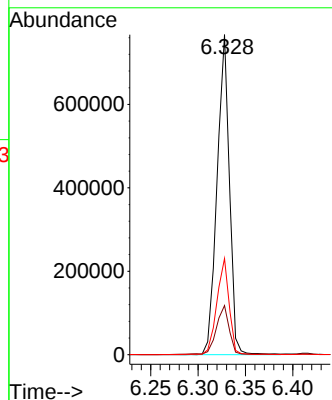
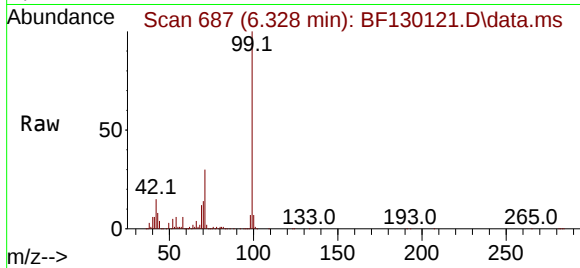




#7
Phenol-d6
Concen: 44.833 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF130121.D
Acq: 02 Sep 2022 20:30

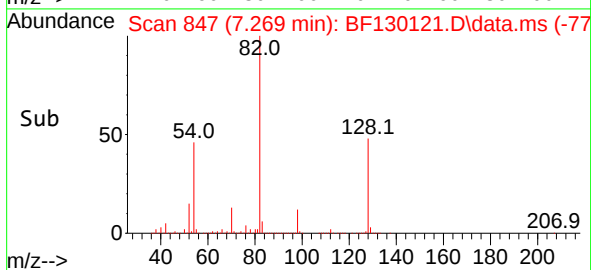
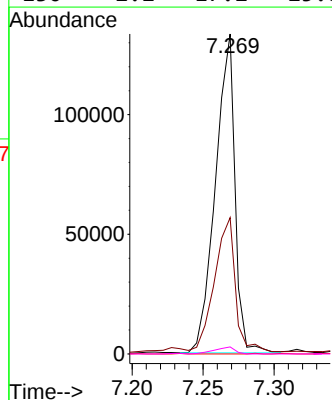
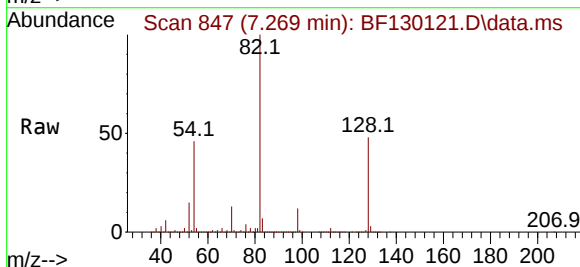
Instrument :
BNA_F
ClientSampleId :
KTS2-GW-MH-02-5-20

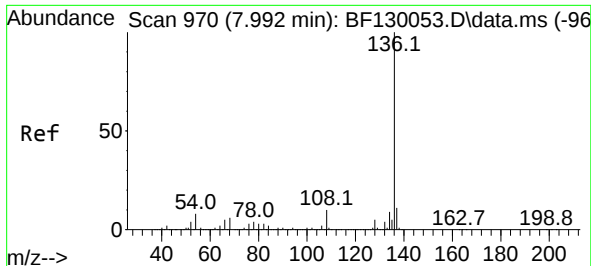
Tgt Ion: 99 Resp: 694090
Ion Ratio Lower Upper
99 100
42 15.4 15.0 22.4
71 30.0 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.652 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130121.D
Acq: 02 Sep 2022 20:30

Tgt Ion: 70 Resp: 127326
Ion Ratio Lower Upper
70 100
42 42.6 47.6 71.4#
101 0.0 8.1 12.1#
130 2.2 17.2 25.8#

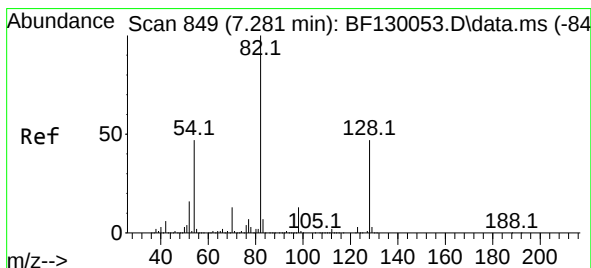
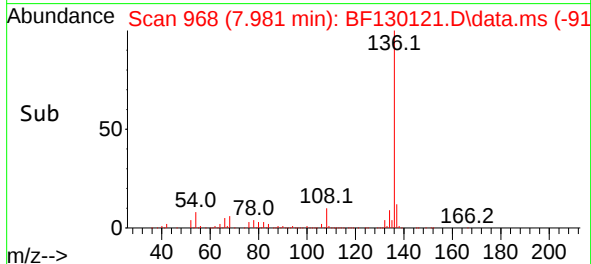
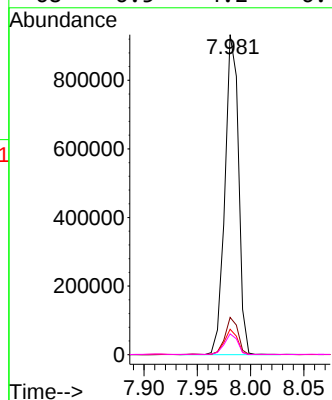
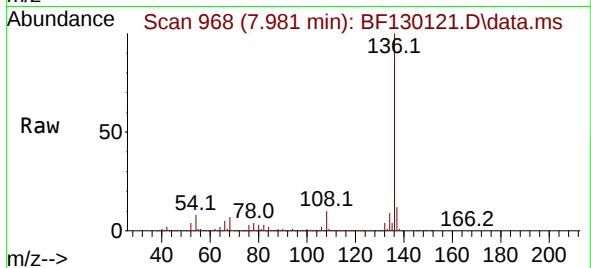




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF130121.D
Acq: 02 Sep 2022 20:30

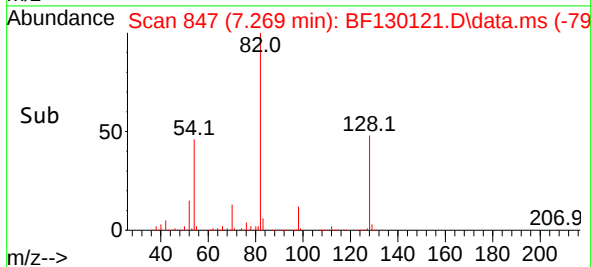
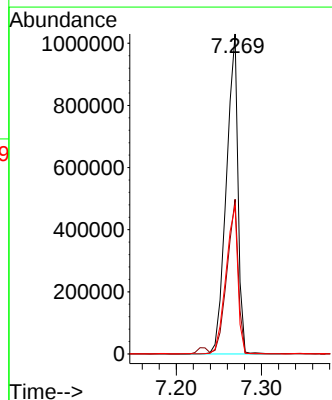
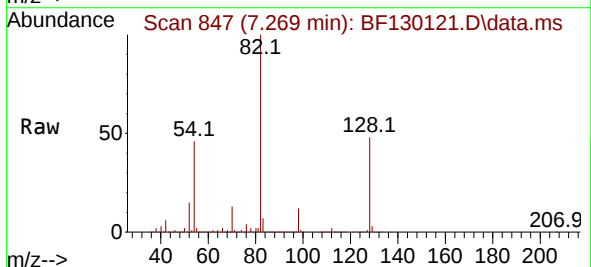
Instrument :
BNA_F
ClientSampleId :
KTS2-GW-MH-02-5-20

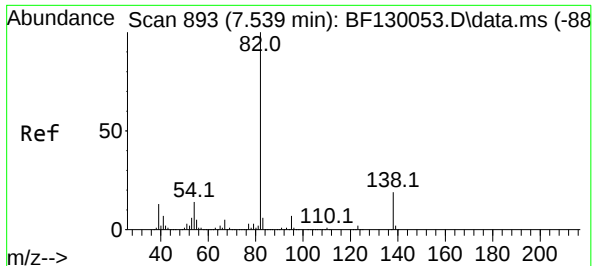
Tgt Ion:136 Resp: 826614
Ion Ratio Lower Upper
136 100
137 11.7 8.4 12.6
54 7.9 6.2 9.2
68 6.5 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 75.826 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130121.D
Acq: 02 Sep 2022 20:30

Tgt Ion: 82 Resp: 975303
Ion Ratio Lower Upper
82 100
128 48.4 36.1 54.1
54 46.3 40.0 60.0

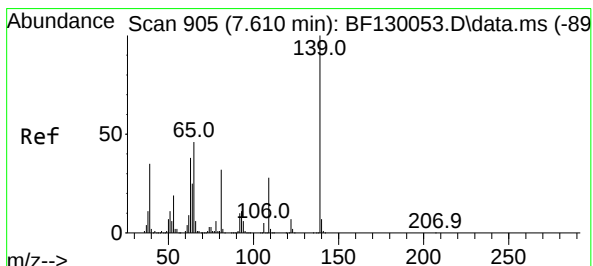
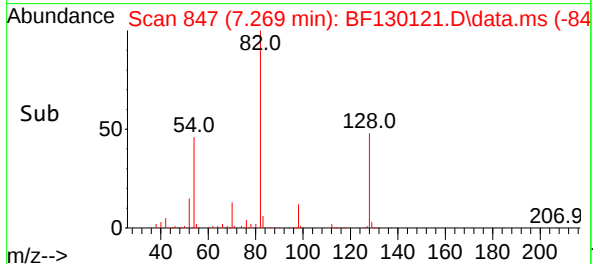
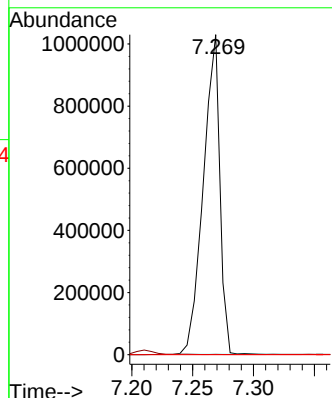
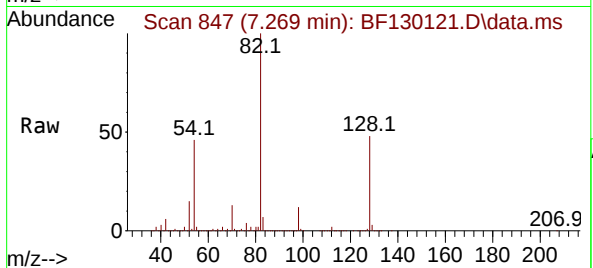




#25
Isophorone
Concen: 37.273 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130121.D
Acq: 02 Sep 2022 20:30

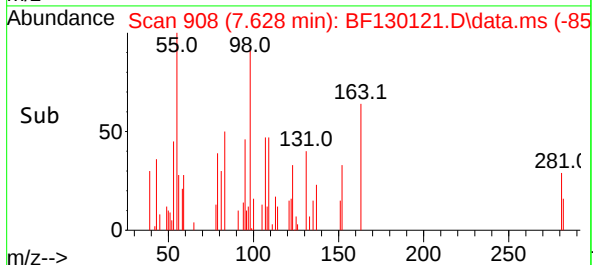
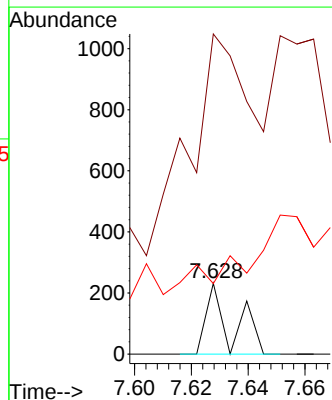
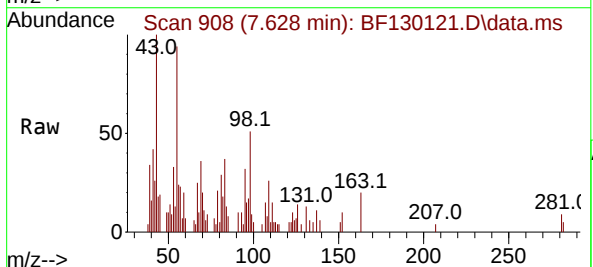
Instrument :
BNA_F
ClientSampleId :
KTS2-GW-MH-02-5-20

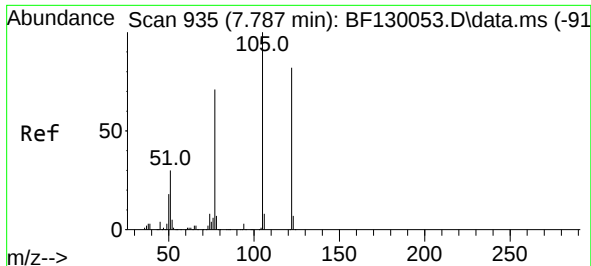
Tgt Ion: 82 Resp: 970333
Ion Ratio Lower Upper
82 100
95 0.1 5.9 8.9#
138 0.0 14.6 21.8#



#26
2-Nitrophenol
Concen: 3.521 ng
RT: 7.628 min Scan# 908
Delta R.T. 0.018 min
Lab File: BF130121.D
Acq: 02 Sep 2022 20:30

Tgt Ion:139 Resp: 143
Ion Ratio Lower Upper
139 100
109 451.7 24.4 36.6#
65 99.6 40.9 61.3#

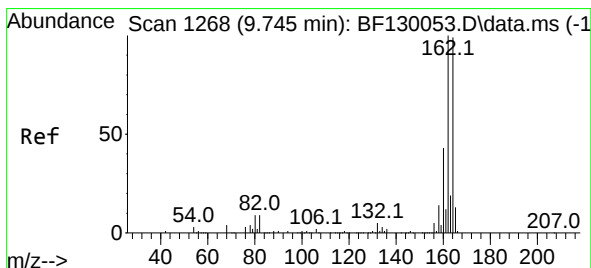
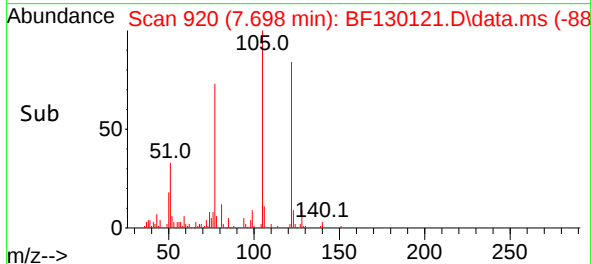
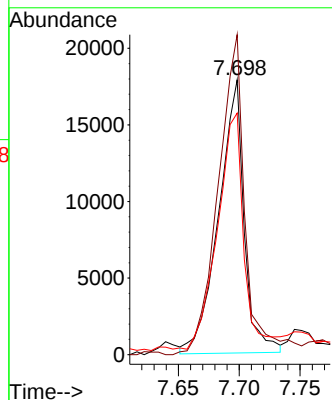
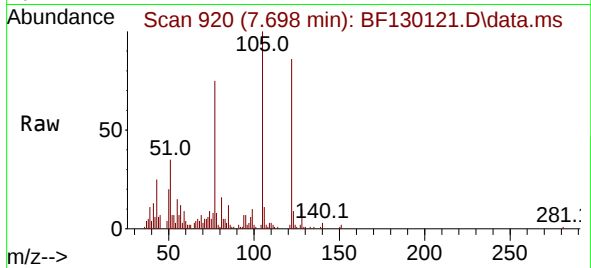




#32
Benzoic acid
Concen: 9.085 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.089 min
Lab File: BF130121.D
Acq: 02 Sep 2022 20:30

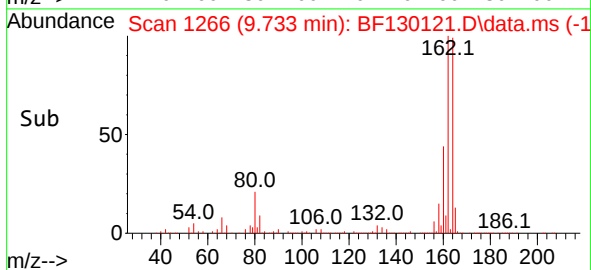
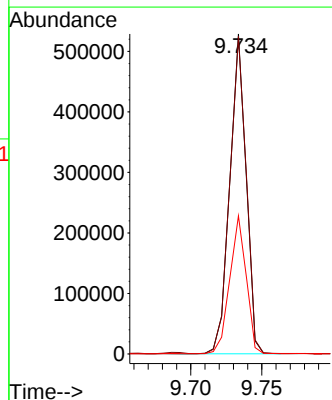
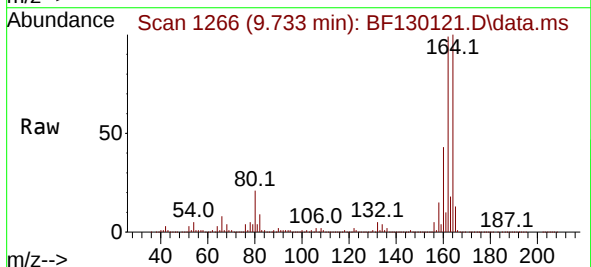
Instrument :
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ClientSampleId :
KTS2-GW-MH-02-5-20

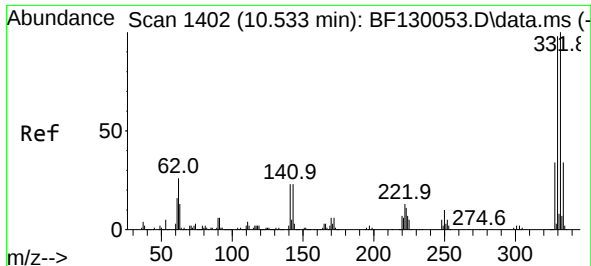
Tgt Ion:122 Resp: 25972
Ion Ratio Lower Upper
122 100
105 116.4 99.9 139.9
77 87.9 65.9 105.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.011 min
Lab File: BF130121.D
Acq: 02 Sep 2022 20:30

Tgt Ion:164 Resp: 422003
Ion Ratio Lower Upper
164 100
162 99.2 82.0 123.0
160 43.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 105.056 ng

RT: 10.522 min Scan# 1400

Delta R.T. -0.012 min

Lab File: BF130121.D

Acq: 02 Sep 2022 20:30

Instrument :

BNA_F

ClientSampleId :

KTS2-GW-MH-02-5-20

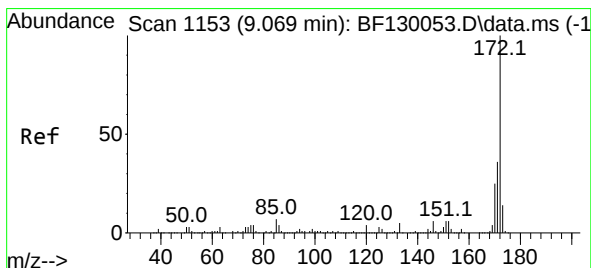
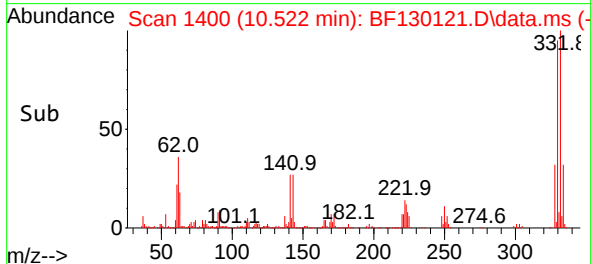
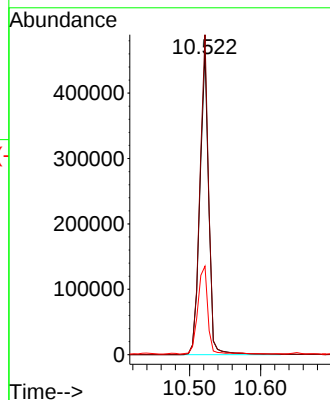
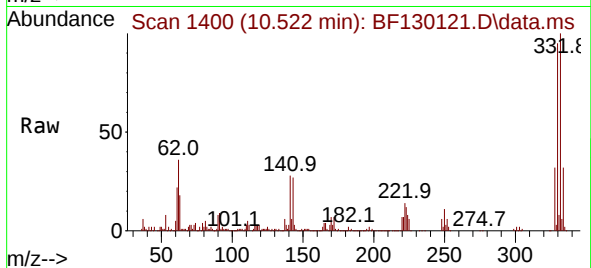
Tgt Ion:330 Resp: 403564

Ion Ratio Lower Upper

330 100

332 104.4 82.6 124.0

141 32.4 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 69.173 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF130121.D

Acq: 02 Sep 2022 20:30

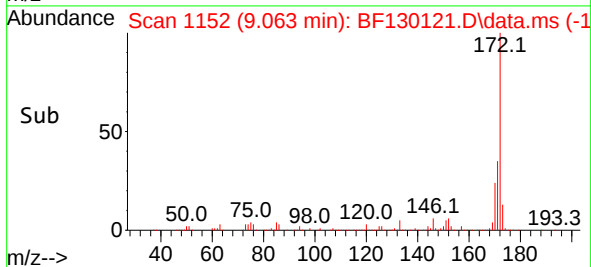
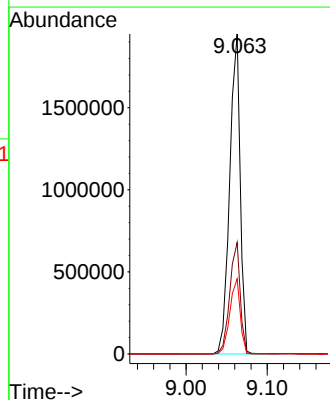
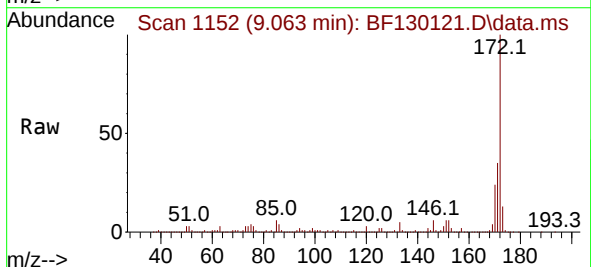
Tgt Ion:172 Resp: 1760679

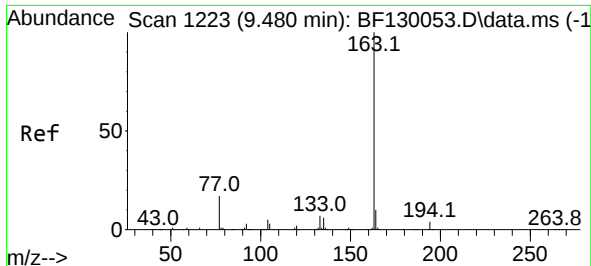
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.5 19.1 28.7

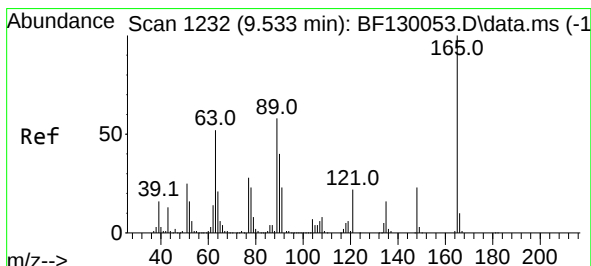
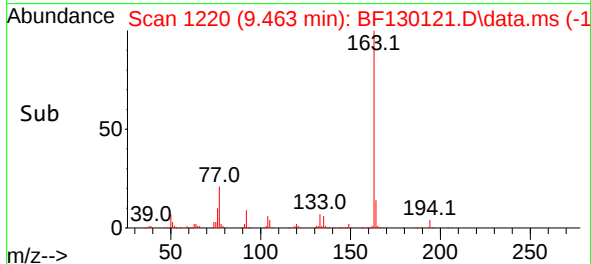
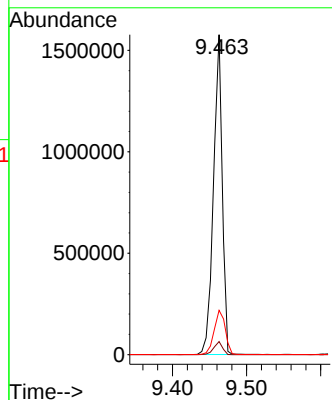
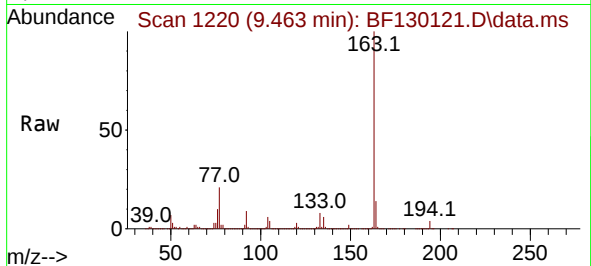




#50
Dimethylphthalate
Concen: 45.093 ng
RT: 9.463 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF130121.D
Acq: 02 Sep 2022 20:30

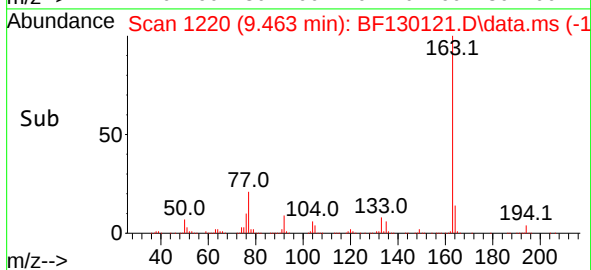
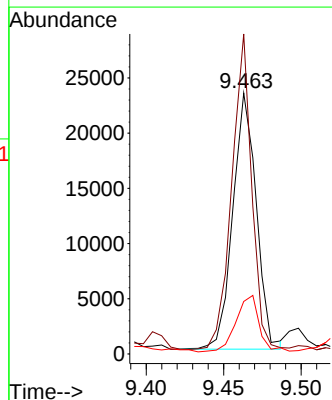
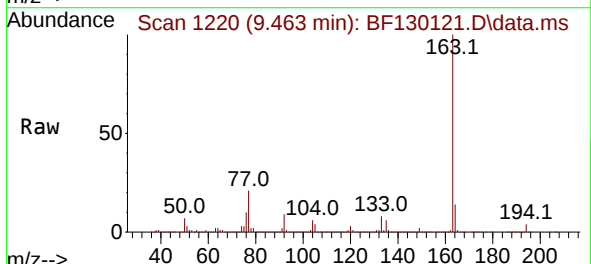
Instrument :
BNA_F
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KTS2-GW-MH-02-5-20

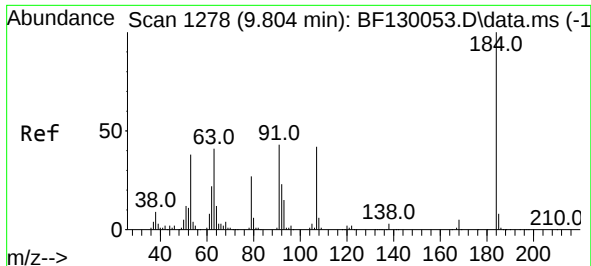
Tgt Ion:163 Resp: 1296134
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 13.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 4.357 ng
RT: 9.463 min Scan# 1220
Delta R.T. -0.071 min
Lab File: BF130121.D
Acq: 02 Sep 2022 20:30

Tgt Ion:165 Resp: 24418
Ion Ratio Lower Upper
165 100
63 122.6 47.8 71.8#
89 20.1 47.2 70.8#

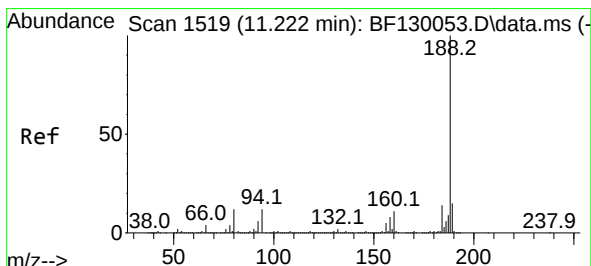
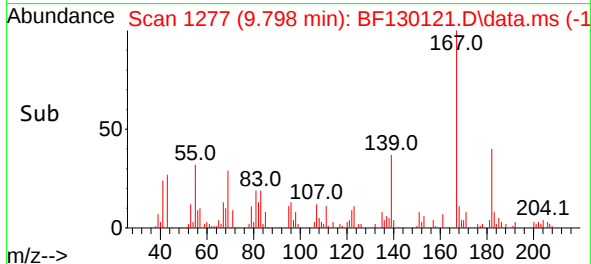
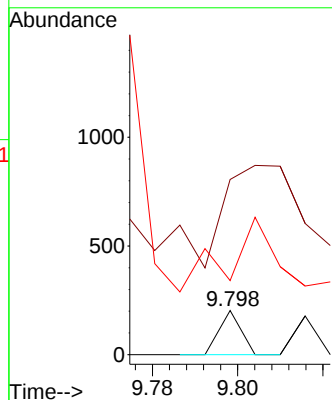
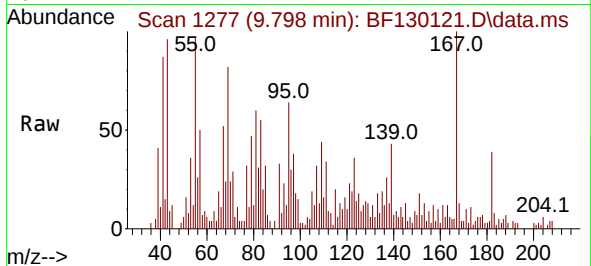




#54
2,4-Dinitrophenol
Concen: 8.118 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130121.D
Acq: 02 Sep 2022 20:30

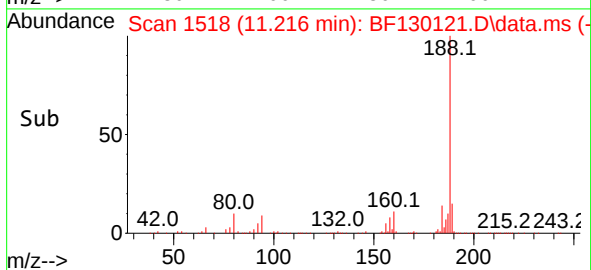
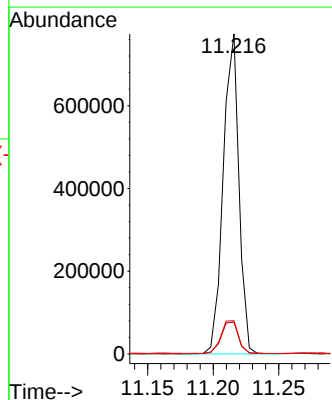
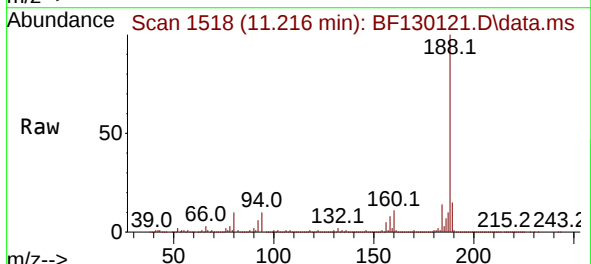
Instrument :
BNA_F
ClientSampleId :
KTS2-GW-MH-02-5-20

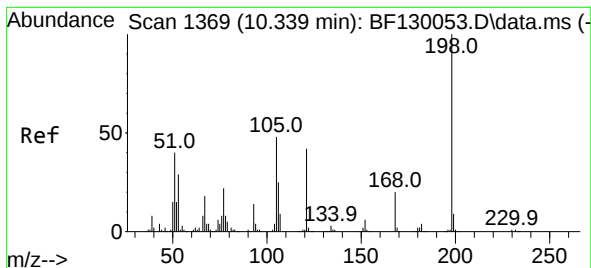
Tgt Ion:184	Resp:	72
Ion	Ratio	Lower Upper
184	100	
63	397.0	59.6 89.4#
154	168.0	55.3 82.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF130121.D
Acq: 02 Sep 2022 20:30

Tgt Ion:188	Resp:	641521
Ion	Ratio	Lower Upper
188	100	
94	10.0	7.4 11.2
80	10.4	7.9 11.9

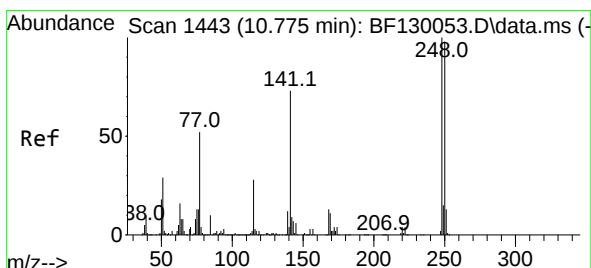
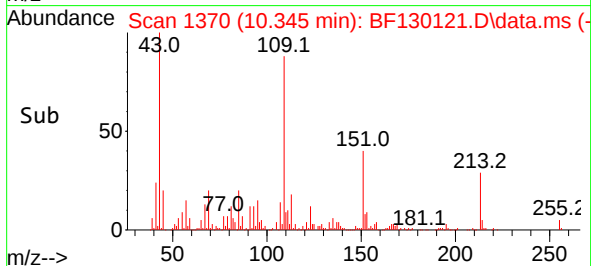
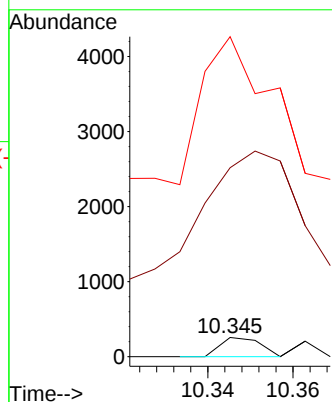
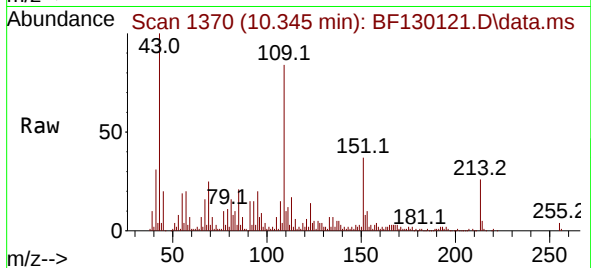




#65
4,6-Dinitro-2-methylphenol
Concen: 6.129 ng
RT: 10.345 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF130121.D
Acq: 02 Sep 2022 20:30

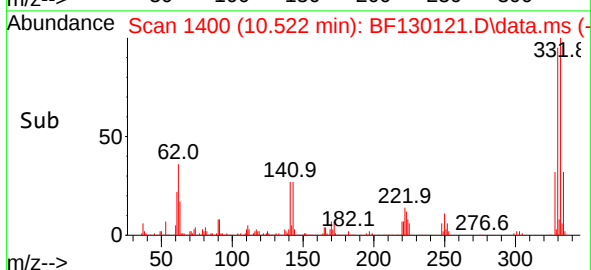
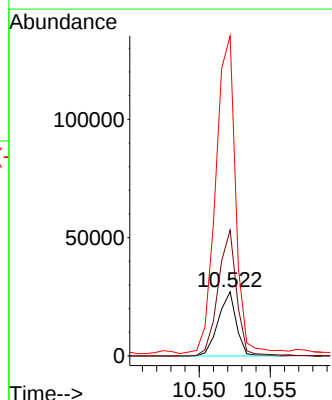
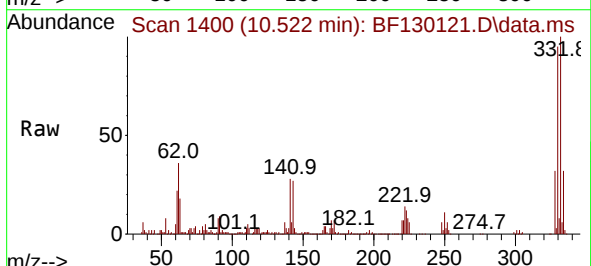
Instrument :
BNA_F
ClientSampleId :
KTS2-GW-MH-02-5-20

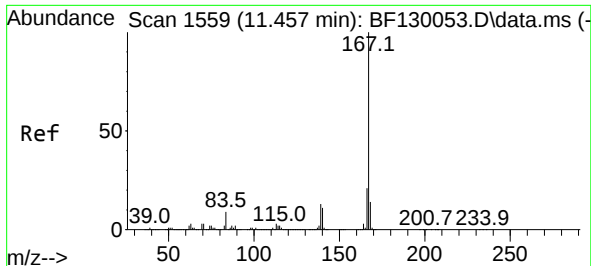
Tgt Ion:198 Resp: 167
Ion Ratio Lower Upper
198 100
51 983.2 29.4 69.4#
105 1665.6 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 3.362 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.253 min
Lab File: BF130121.D
Acq: 02 Sep 2022 20:30

Tgt Ion:248 Resp: 23987
Ion Ratio Lower Upper
248 100
250 196.5 77.8 116.6#
141 499.2 66.2 99.2#

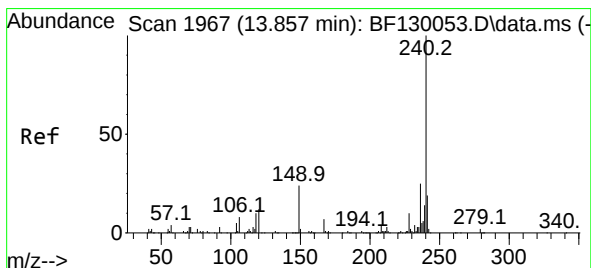
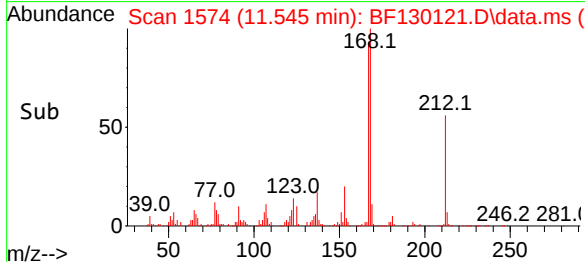
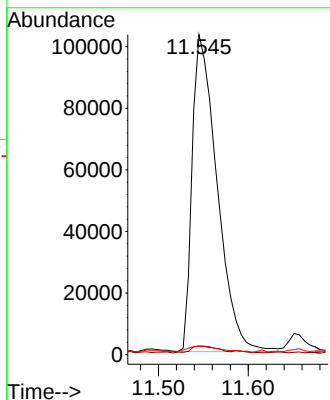
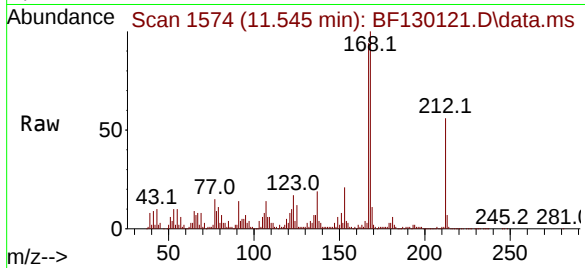




#73
 Carbazole
 Concen: 6.305 ng
 RT: 11.545 min Scan# 11
 Delta R.T. 0.088 min
 Lab File: BF130121.D
 Acq: 02 Sep 2022 20:30

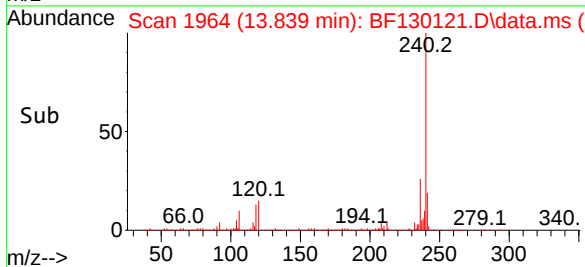
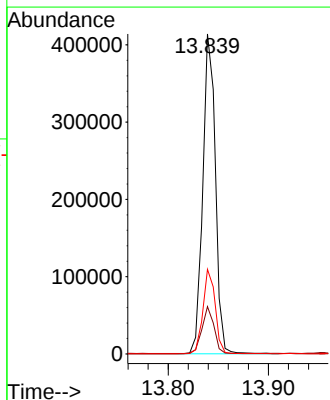
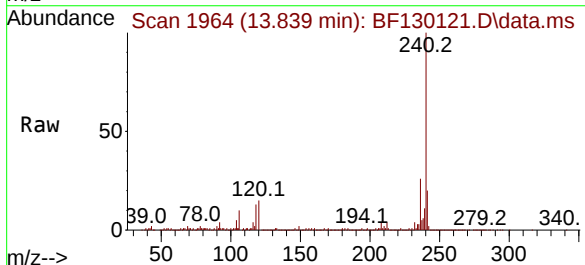
Instrument :
 BNA_F
 ClientSampleId :
 KTS2-GW-MH-02-5-20

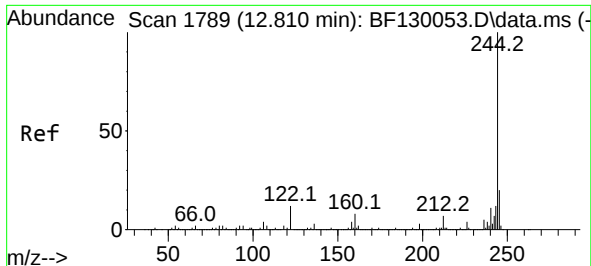
Tgt Ion:167 Resp: 198851
 Ion Ratio Lower Upper
 167 100
 166 2.7 17.1 25.7#
 139 2.8 11.0 16.6#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.839 min Scan# 1964
 Delta R.T. -0.018 min
 Lab File: BF130121.D
 Acq: 02 Sep 2022 20:30

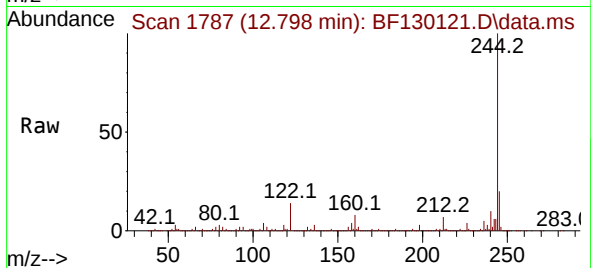
Tgt Ion:240 Resp: 364046
 Ion Ratio Lower Upper
 240 100
 120 14.8 9.2 13.8#
 236 26.5 20.7 31.1



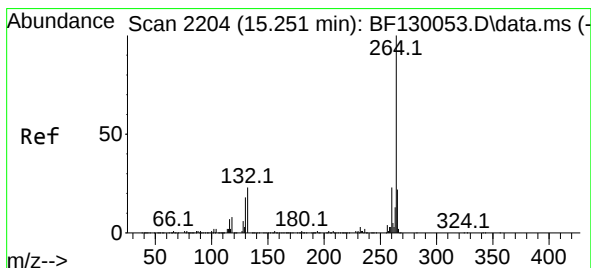
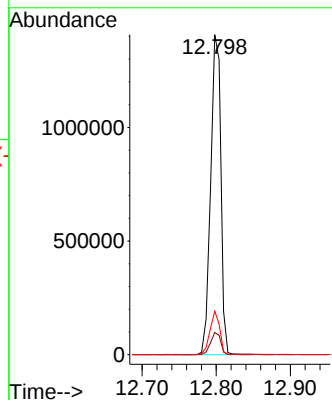
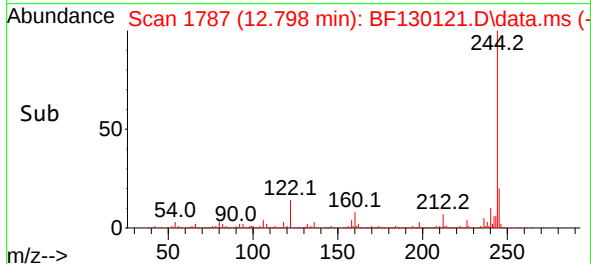


#79
 Terphenyl-d14
 Concen: 64.165 ng
 RT: 12.798 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130121.D
 Acq: 02 Sep 2022 20:30

Instrument :
 BNA_F
 ClientSampleId :
 KTS2-GW-MH-02-5-20



Tgt Ion:244 Resp: 1347032
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 13.6 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.245 min Scan# 2203
 Delta R.T. -0.006 min
 Lab File: BF130121.D
 Acq: 02 Sep 2022 20:30

Tgt Ion:264 Resp: 381201
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 21.4 16.7 25.1

