

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
 Data File : BF129354.D
 Acq On : 26 Jul 2022 14:28
 Operator : CG\JU
 Sample : N3840-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Jul 27 00:39:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

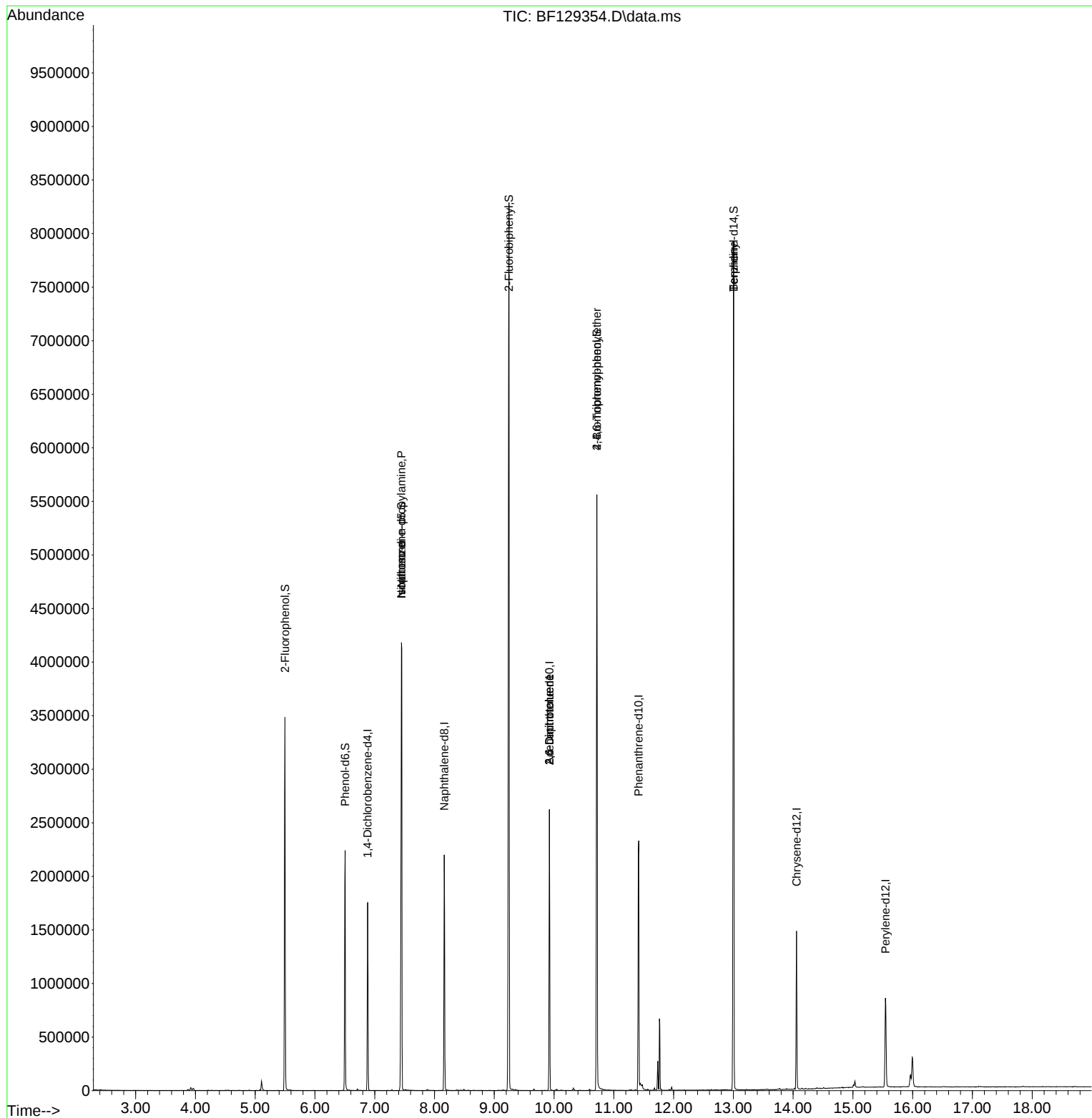
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	230937	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	942145	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	494388	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	855044	20.000	ng	0.00
76) Chrysene-d12	14.057	240	467500	20.000	ng	-0.01
86) Perylene-d12	15.545	264	379279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	900820	63.543	ng	0.00
7) Phenol-d6	6.504	99	719521	40.379	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1562201	90.515	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	682399	143.567	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2620700	82.002	ng	0.00
79) Terphenyl-d14	13.004	244	2798285	112.924	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	206098	19.105	ng	# 74
25) Isophorone	7.445	82	1560542	50.443	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	64614	8.459	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	64614	6.475	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	41840	4.469	ng	# 1
77) Benzidine	13.004	184	39072	2.366	ng	# 91

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

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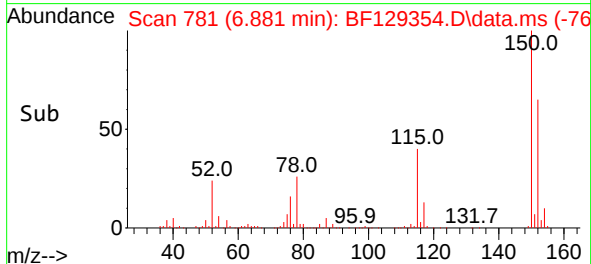
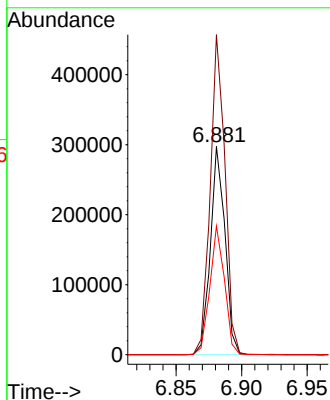
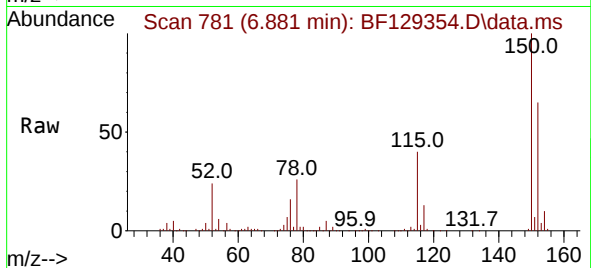




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 782
 Delta R.T. -0.005 min
 Lab File: BF129354.D
 Acq: 26 Jul 2022 14:28

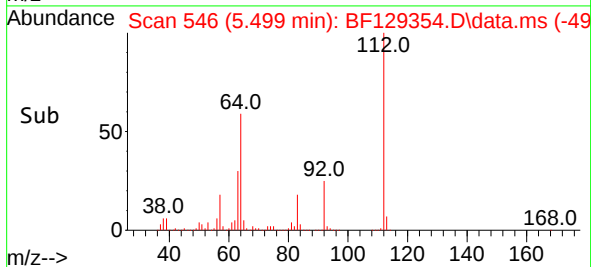
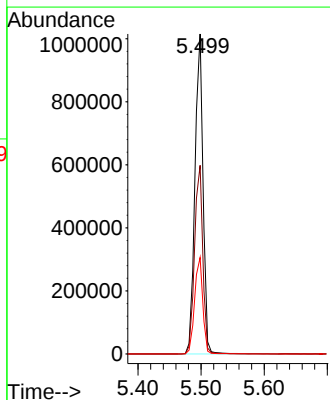
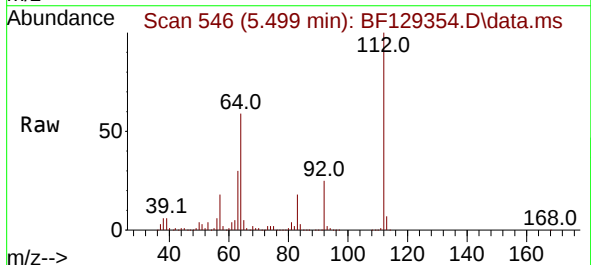
Instrument :
 BNA_F
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:152 Resp: 230937
 Ion Ratio Lower Upper
 152 100
 150 153.7 123.7 185.5
 115 61.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 63.543 ng
 RT: 5.499 min Scan# 546
 Delta R.T. 0.000 min
 Lab File: BF129354.D
 Acq: 26 Jul 2022 14:28

Tgt Ion:112 Resp: 900820
 Ion Ratio Lower Upper
 112 100
 64 58.9 53.3 79.9
 63 30.1 28.0 42.0

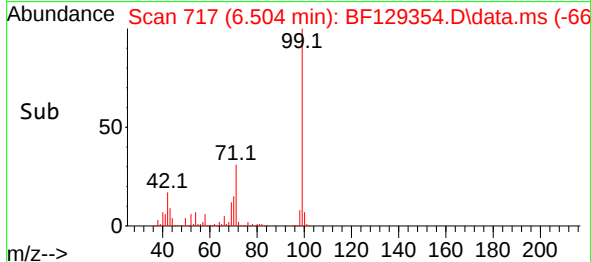
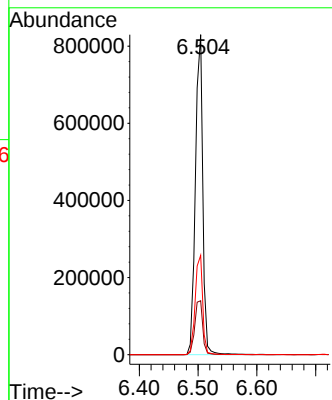
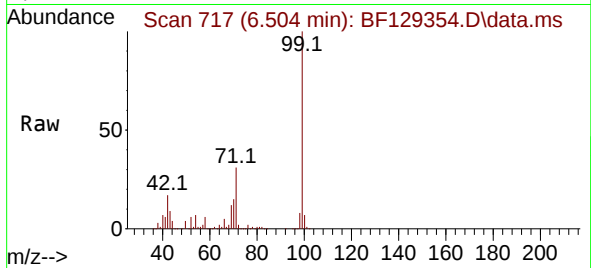




#7
Phenol-d6
Concen: 40.379 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF129354.D
Acq: 26 Jul 2022 14:28

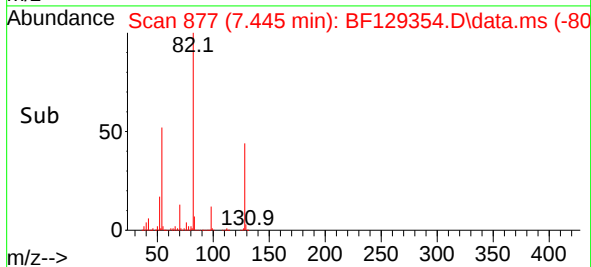
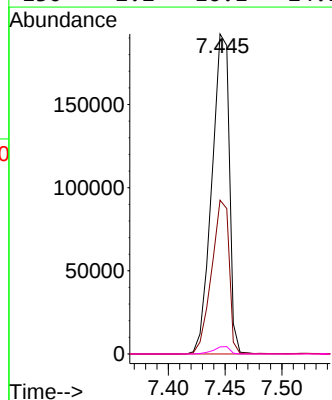
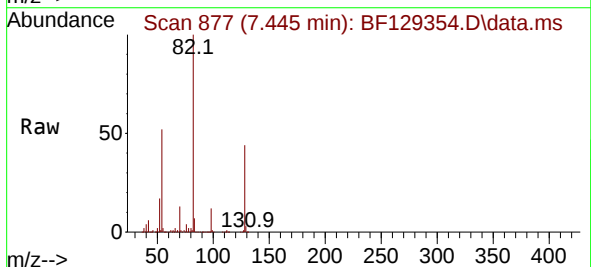
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Tgt Ion: 99 Resp: 719521
Ion Ratio Lower Upper
99 100
42 16.9 17.3 25.9#
71 31.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.105 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.147 min
Lab File: BF129354.D
Acq: 26 Jul 2022 14:28

Tgt Ion: 70 Resp: 206098
Ion Ratio Lower Upper
70 100
42 48.1 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#

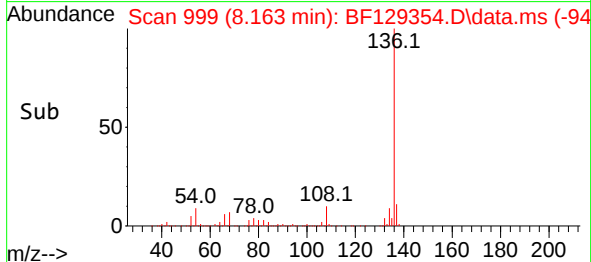
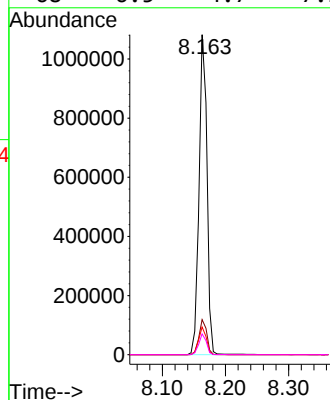
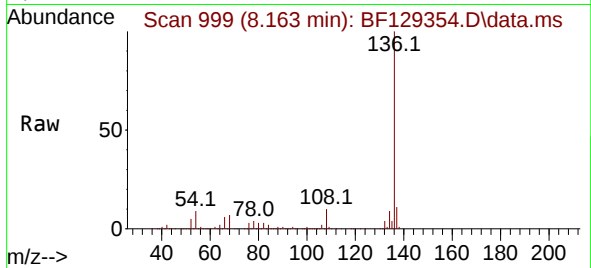




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129354.D
Acq: 26 Jul 2022 14:28

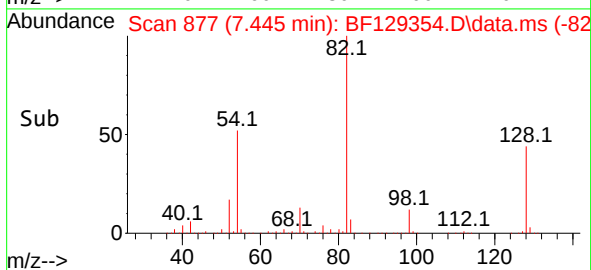
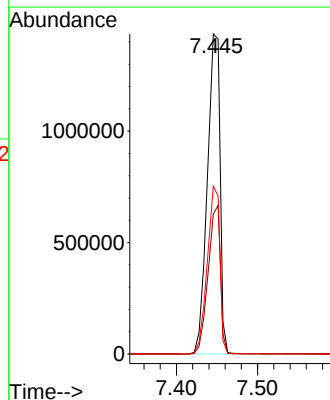
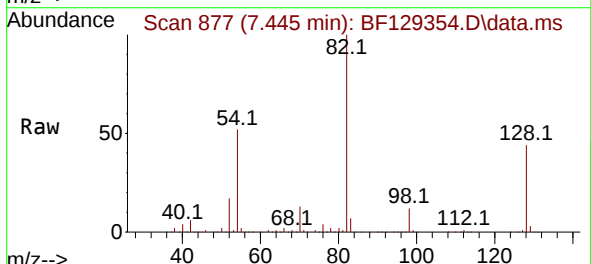
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Tgt Ion:136 Resp: 942145
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.6 7.5 11.3
68 6.5 4.7 7.1



#23
Nitrobenzene-d5
Concen: 90.515 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF129354.D
Acq: 26 Jul 2022 14:28

Tgt Ion: 82 Resp: 1562201
Ion Ratio Lower Upper
82 100
128 43.7 34.0 51.0
54 52.4 46.9 70.3

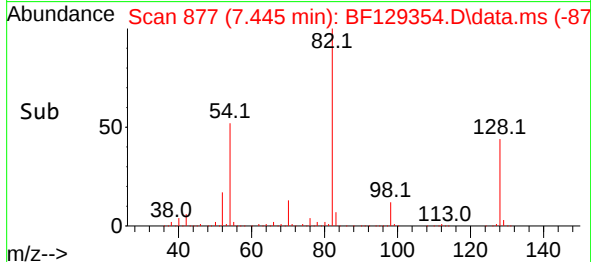
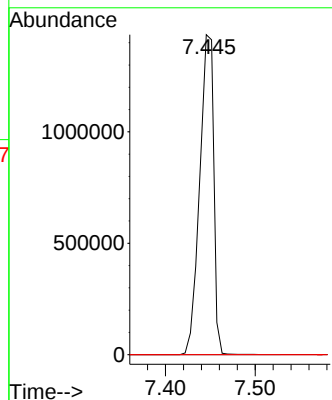
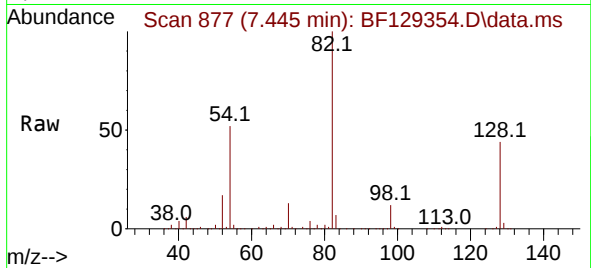




#25
Isophorone
Concen: 50.443 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129354.D
Acq: 26 Jul 2022 14:28

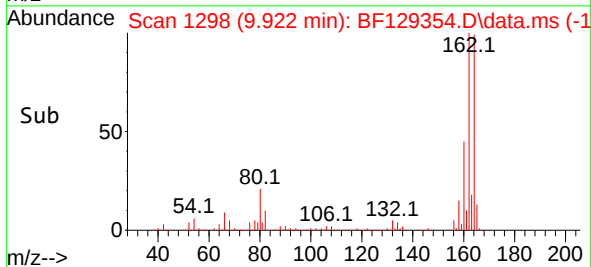
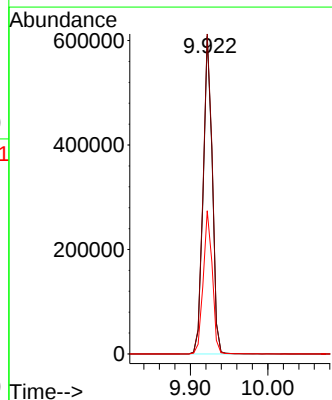
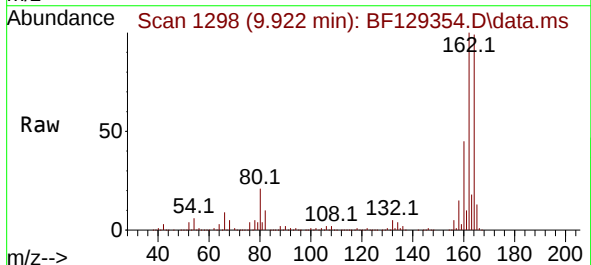
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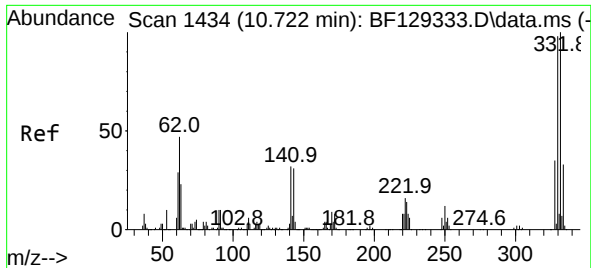
Tgt Ion: 82 Resp: 1560542
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129354.D
Acq: 26 Jul 2022 14:28

Tgt Ion:164 Resp: 494388
Ion Ratio Lower Upper
164 100
162 100.8 79.5 119.3
160 45.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 143.567 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.006 min

Lab File: BF129354.D

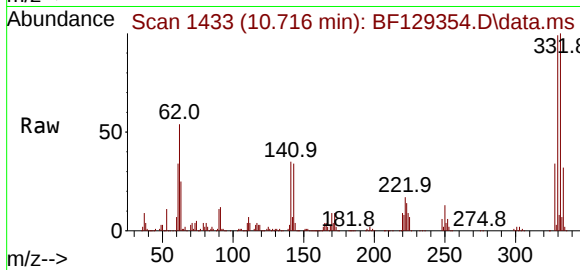
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Instrument :

BNA_F

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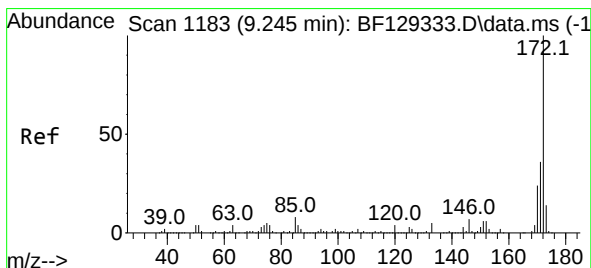
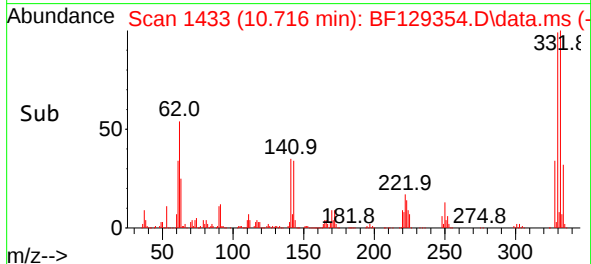
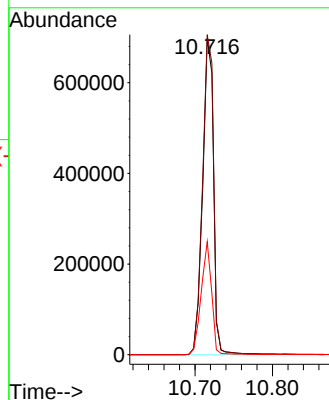
Tgt Ion:330 Resp: 682399

Ion Ratio Lower Upper

330 100

332 103.3 76.8 115.2

141 34.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 82.002 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129354.D

Acq: 26 Jul 2022 14:28

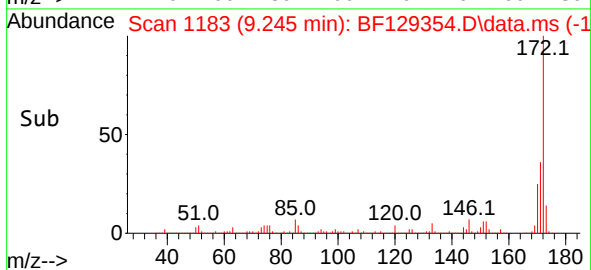
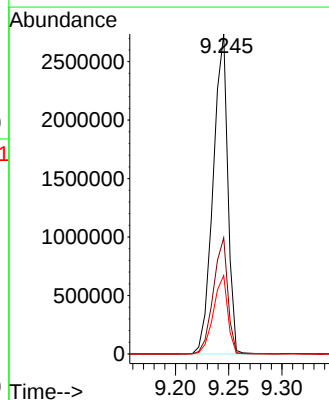
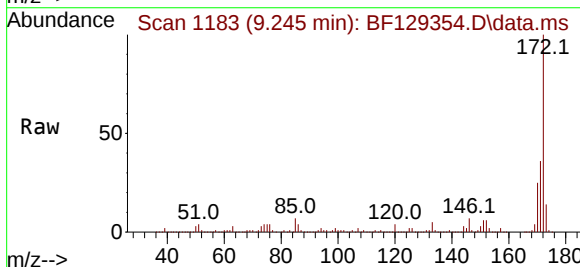
Tgt Ion:172 Resp: 2620700

Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.5 19.8 29.8

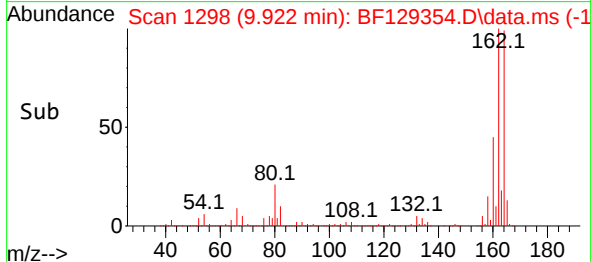
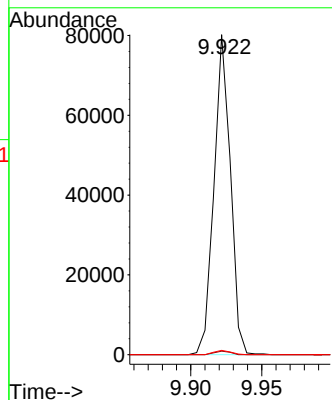
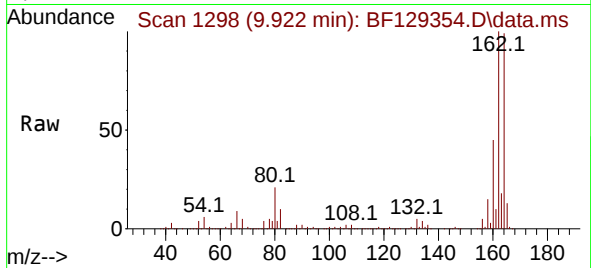




#51
2,6-Dinitrotoluene
Concen: 8.459 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.206 min
Lab File: BF129354.D
Acq: 26 Jul 2022 14:28

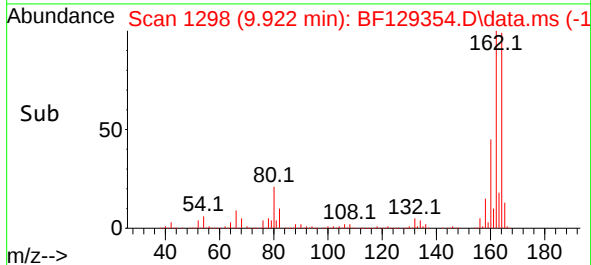
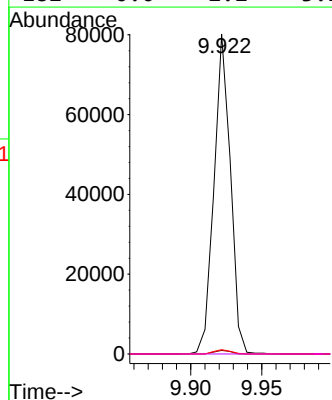
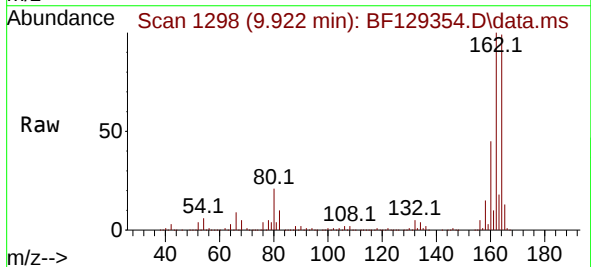
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:165 Resp: 64614
Ion Ratio Lower Upper
165 100
63 1.1 44.9 67.3#
89 1.3 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.475 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.200 min
Lab File: BF129354.D
Acq: 26 Jul 2022 14:28

Tgt Ion:165 Resp: 64614
Ion Ratio Lower Upper
165 100
63 1.1 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#

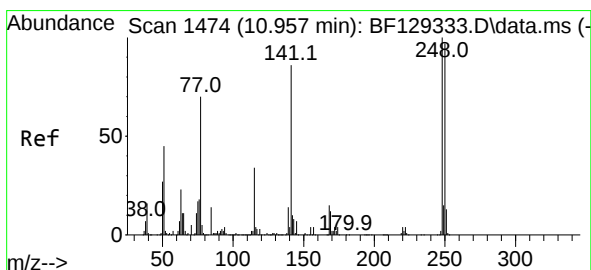
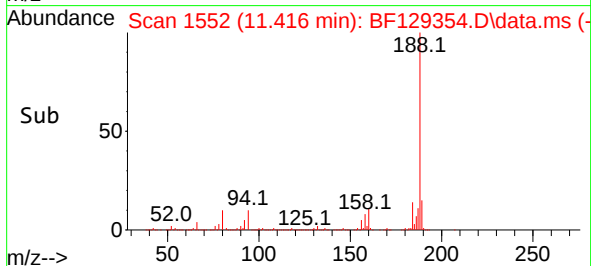
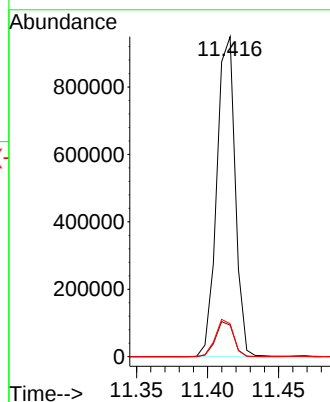
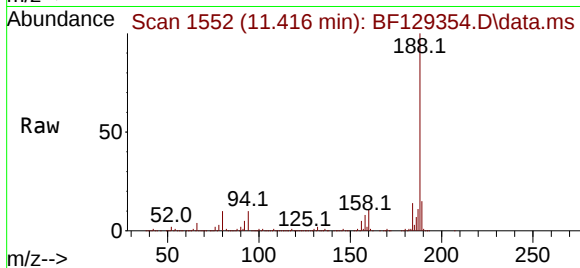




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129354.D
Acq: 26 Jul 2022 14:28

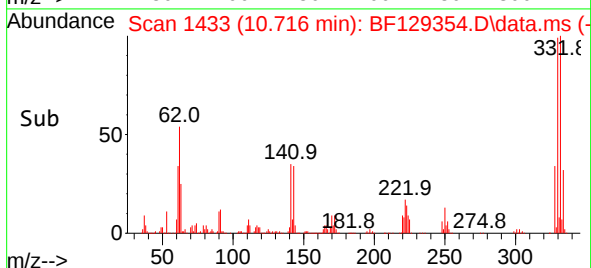
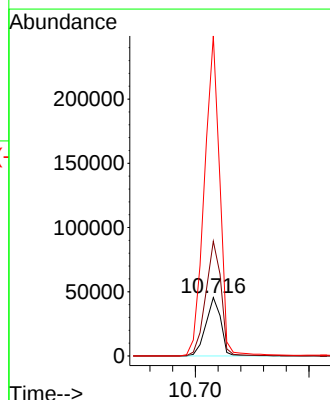
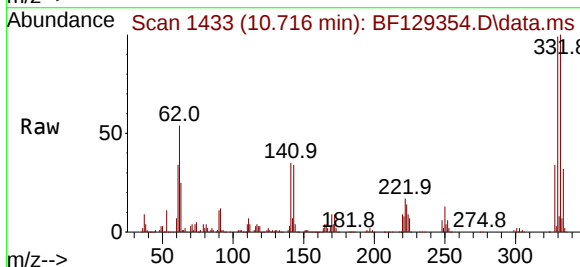
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ClientSampleId :
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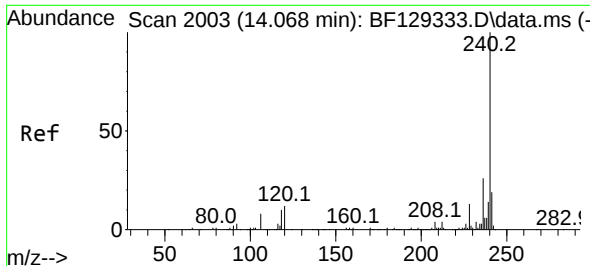
Tgt Ion:188 Resp: 855044
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.6
80 10.3 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.469 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.241 min
Lab File: BF129354.D
Acq: 26 Jul 2022 14:28

Tgt Ion:248 Resp: 41840
Ion Ratio Lower Upper
248 100
250 196.2 80.6 120.8#
141 547.3 58.9 88.3#

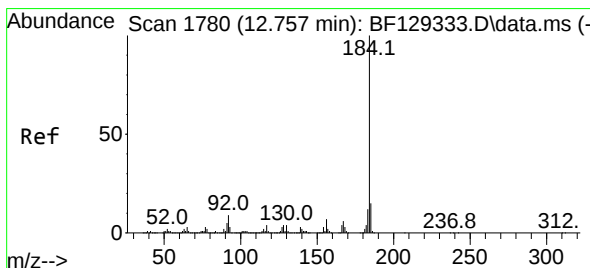
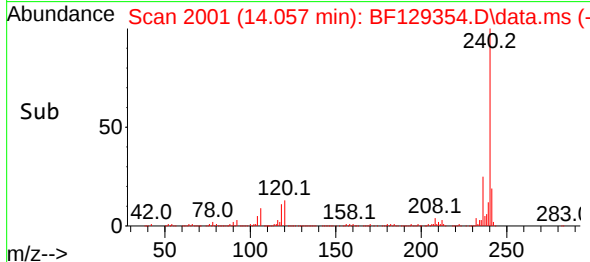
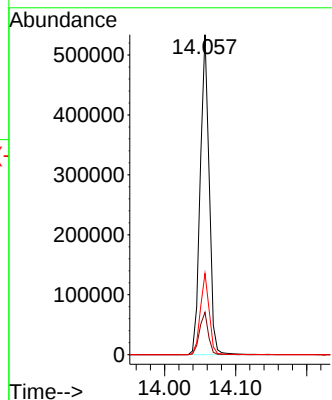
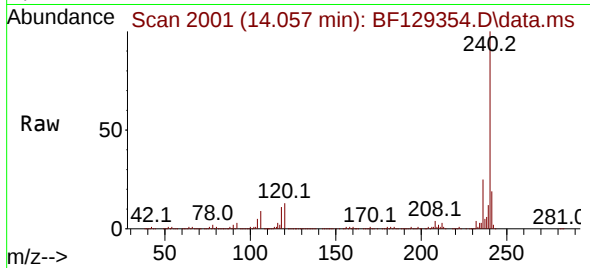




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF129354.D
Acq: 26 Jul 2022 14:28

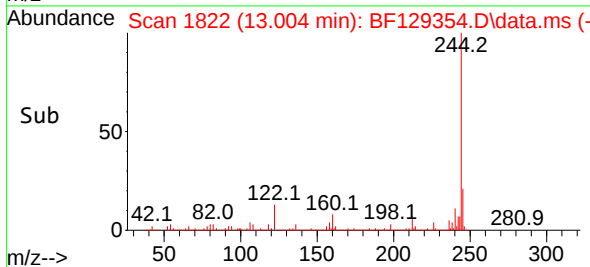
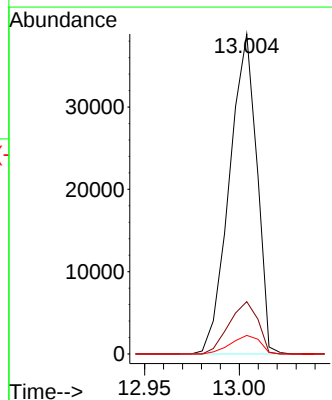
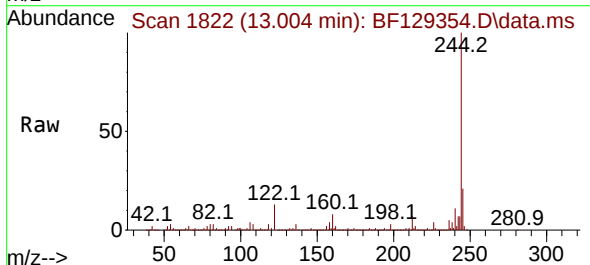
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ClientSampleId :
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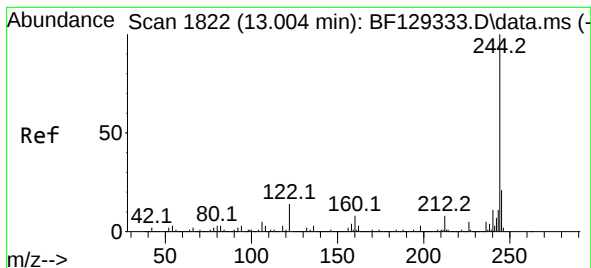
Tgt Ion:240 Resp: 467500
Ion Ratio Lower Upper
240 100
120 13.3 8.9 13.3
236 25.4 20.8 31.2



#77
Benzidine
Concen: 2.366 ng
RT: 13.004 min Scan# 1822
Delta R.T. 0.247 min
Lab File: BF129354.D
Acq: 26 Jul 2022 14:28

Tgt Ion:184 Resp: 39072
Ion Ratio Lower Upper
184 100
185 16.3 11.9 17.9
183 5.8 9.3 13.9#





#79

Terphenyl-d14

Concen: 112.924 ng

RT: 13.004 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF129354.D

Acq: 26 Jul 2022 14:28

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

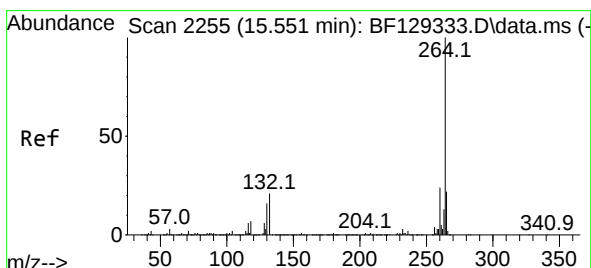
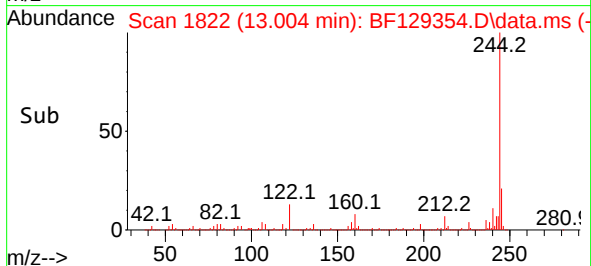
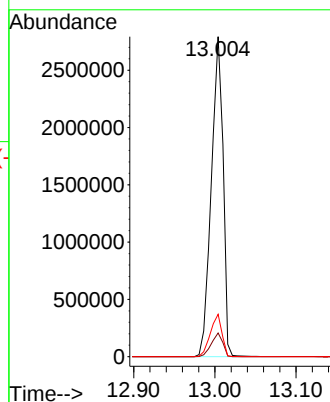
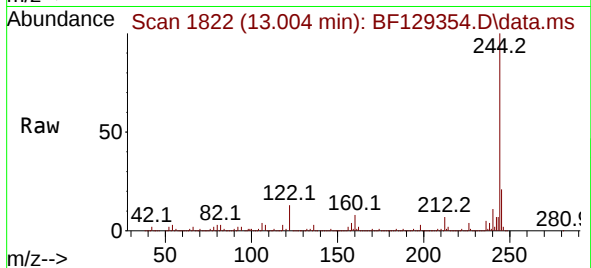
Tgt Ion:244 Resp: 2798285

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 13.2 8.8 13.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2254

Delta R.T. -0.006 min

Lab File: BF129354.D

Acq: 26 Jul 2022 14:28

Tgt Ion:264 Resp: 379279

Ion Ratio Lower Upper

264 100

260 23.5 18.4 27.6

265 21.2 17.2 25.8

