

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131372.D
 Acq On : 23 Nov 2022 21:06
 Operator : CG\JU
 Sample : N5642-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RIGHT-SIDE-FLATS-28

Quant Time: Nov 24 05:57:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 05:53:32 2022
 Response via : Initial Calibration

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

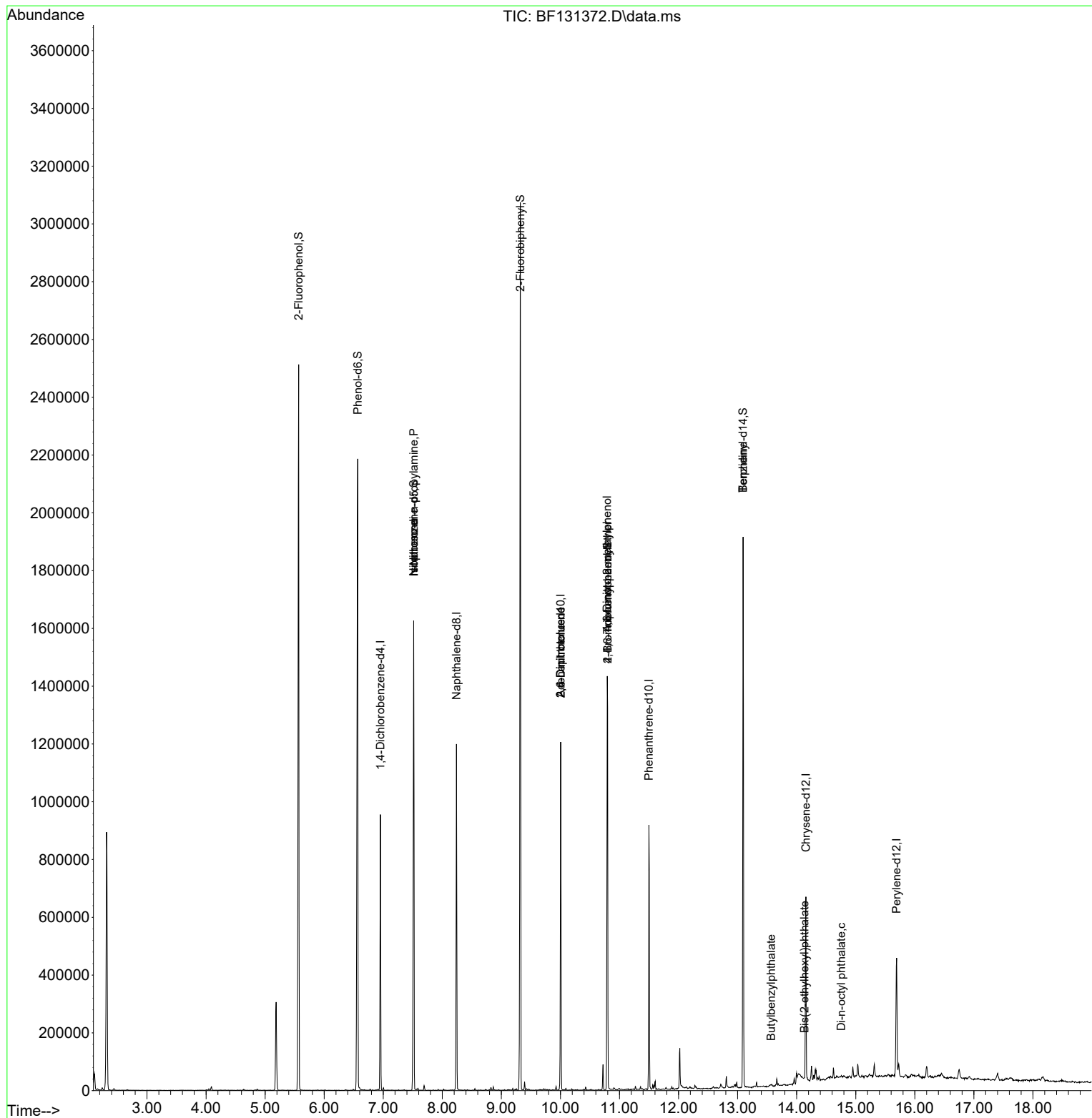
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	127050	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	438493	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	223237	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	328286	20.000	ng	0.00
76) Chrysene-d12	14.157	240	221084	20.000	ng	0.00
86) Perylene-d12	15.692	264	204167	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	618045	92.583	ng	0.01
7) Phenol-d6	6.569	99	766614	90.007	ng	0.00
23) Nitrobenzene-d5	7.516	82	504313	57.975	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	158852	84.581	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	872883	56.885	ng	0.00
79) Terphenyl-d14	13.092	244	644086	47.640	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.498	77	240	Below Cal	#	59
19) n-Nitroso-di-n-propyla...	7.516	70	71058	11.396	ng	# 74
25) Isophorone	7.516	82	503186	32.423	ng	# 68
51) 2,6-Dinitrotoluene	10.004	165	28405	9.132	ng	# 15
57) 2,4-Dinitrotoluene	10.004	165	28405	7.258	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.792	198	439	4.923	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	10905	2.710	ng	# 1
77) Benzidine	13.092	184	8985	2.200	ng	# 90
80) Butylbenzylphthalate	13.568	149	729	4.245	ng	# 64
84) Bis(2-ethylhexyl)phtha...	14.133	149	2424	4.005	ng	# 73
85) Di-n-octyl phthalate	14.757	149	478	3.946	ng	# 1

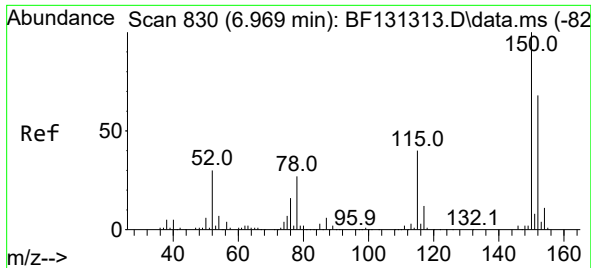
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
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Quant Time: Nov 24 05:57:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 24 05:53:32 2022
Response via : Initial Calibration

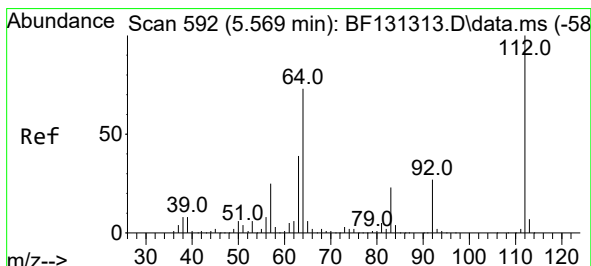
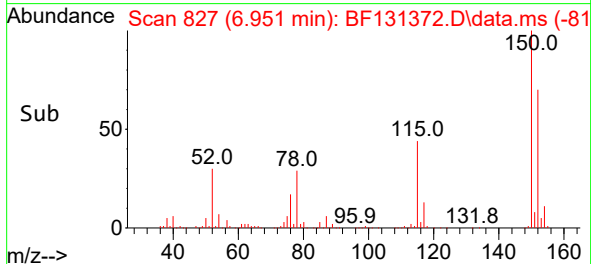
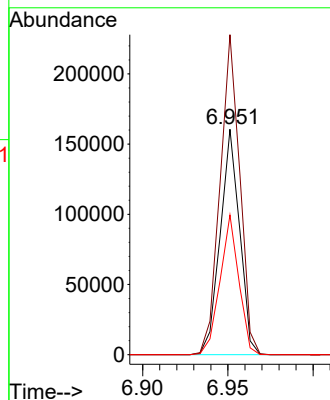
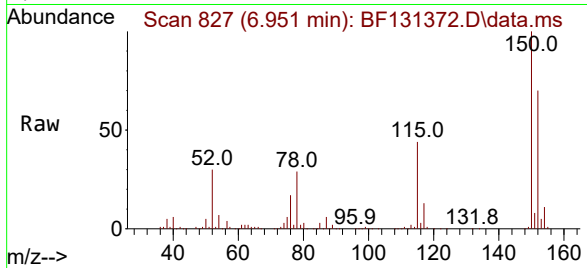




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131372.D
Acq: 23 Nov 2022 21:06

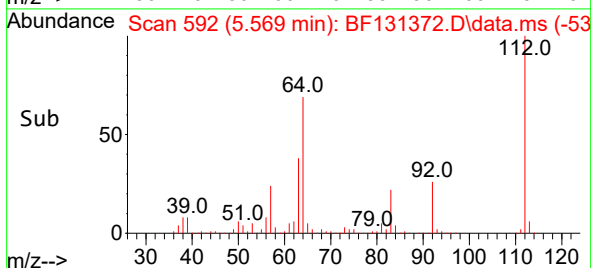
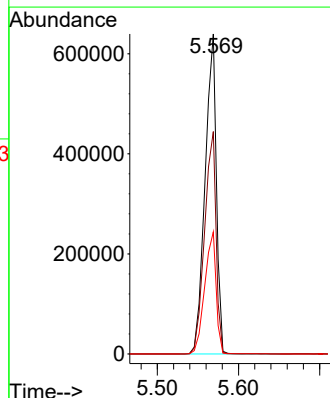
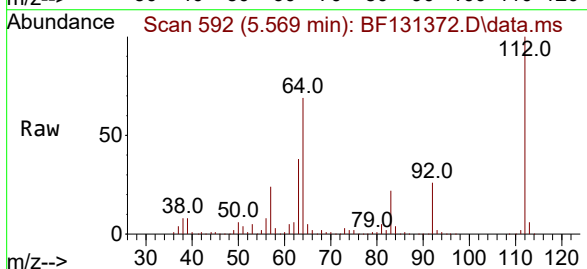
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-28

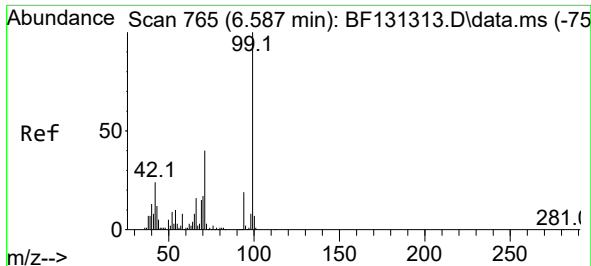
Tgt Ion:152 Resp: 127050
Ion Ratio Lower Upper
152 100
150 142.0 117.8 176.8
115 61.9 47.1 70.7



#5
2-Fluorophenol
Concen: 92.583 ng
RT: 5.569 min Scan# 592
Delta R.T. 0.012 min
Lab File: BF131372.D
Acq: 23 Nov 2022 21:06

Tgt Ion:112 Resp: 618045
Ion Ratio Lower Upper
112 100
64 69.5 58.6 88.0
63 38.2 31.4 47.0

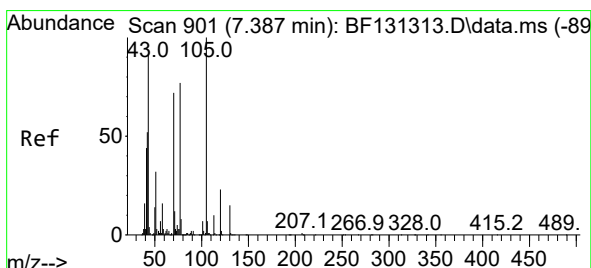
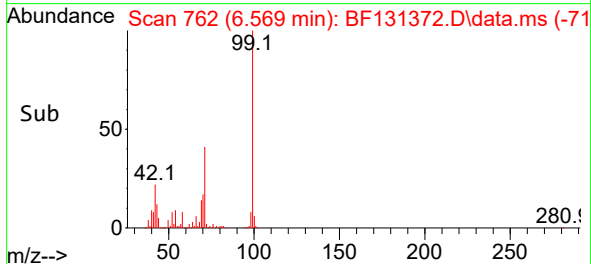
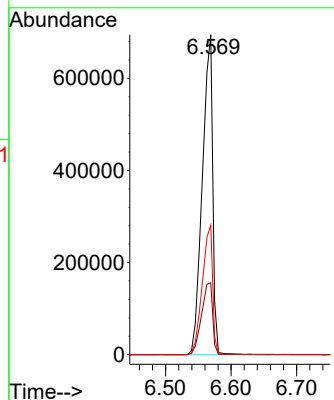
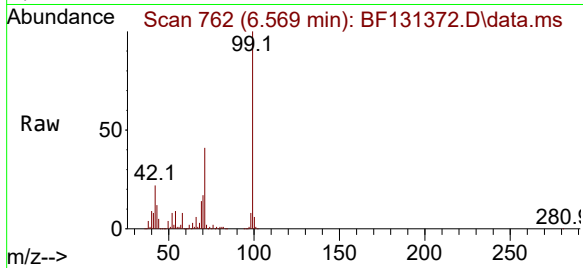




#7
Phenol-d6
Concen: 90.007 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131372.D
Acq: 23 Nov 2022 21:06

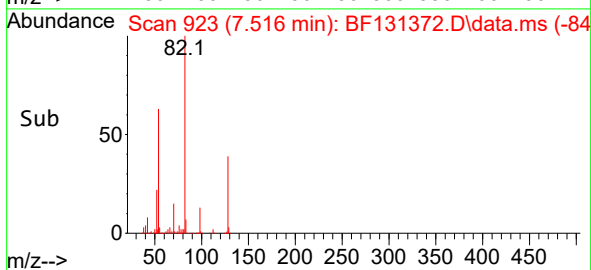
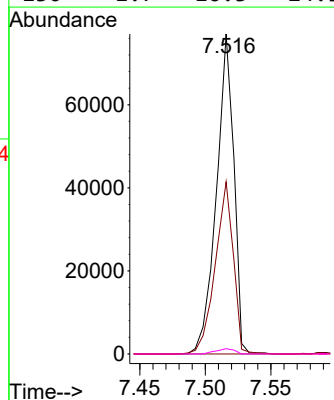
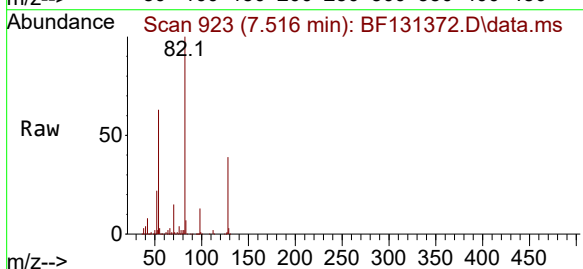
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-28

Tgt Ion: 99 Resp: 766614
Ion Ratio Lower Upper
99 100
42 22.4 19.4 29.2
71 40.5 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.396 ng
RT: 7.516 min Scan# 923
Delta R.T. 0.147 min
Lab File: BF131372.D
Acq: 23 Nov 2022 21:06

Tgt Ion: 70 Resp: 71058
Ion Ratio Lower Upper
70 100
42 53.8 57.6 86.4#
101 0.0 8.2 12.2#
130 1.7 16.3 24.5#

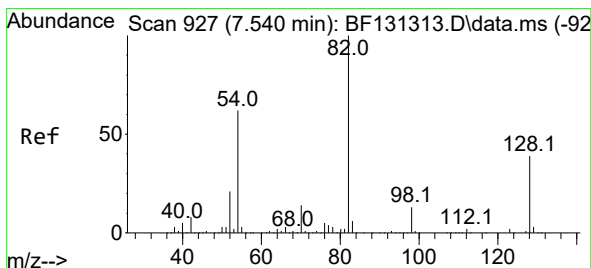
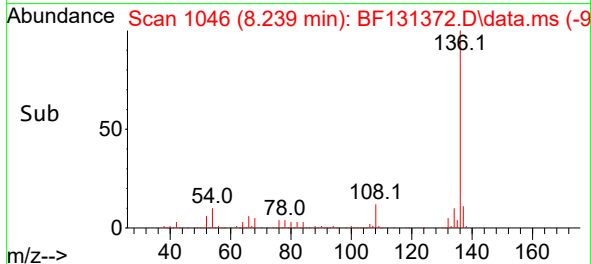
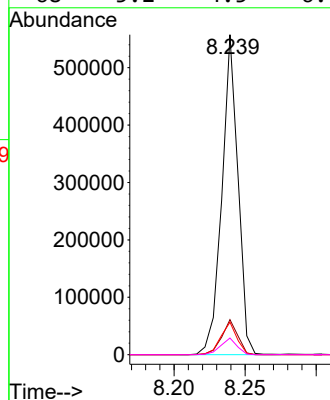
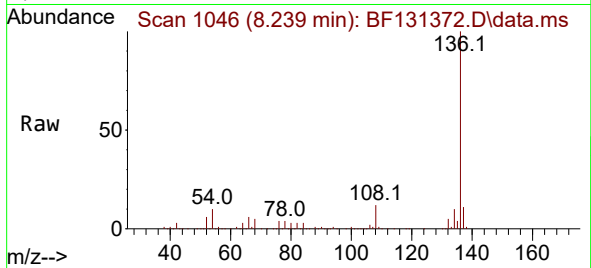




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BF131372.D
Acq: 23 Nov 2022 21:06

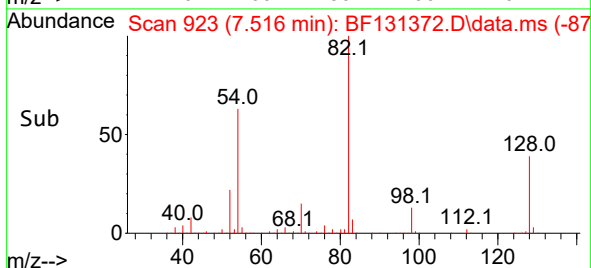
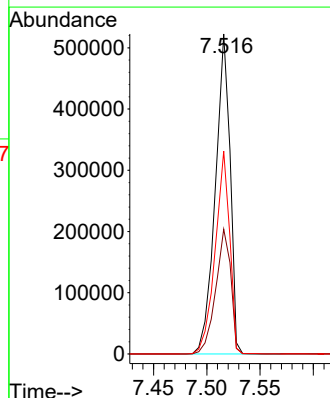
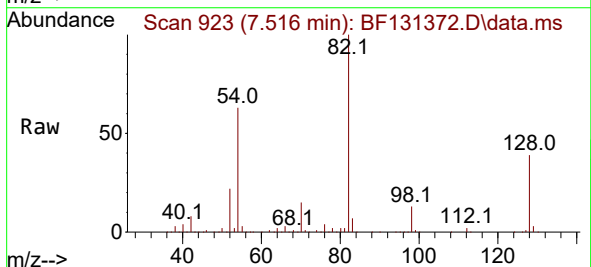
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-28

Tgt Ion:136 Resp: 438493
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 10.2 9.4 14.0
68 5.2 4.5 6.7



#23
Nitrobenzene-d5
Concen: 57.975 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.006 min
Lab File: BF131372.D
Acq: 23 Nov 2022 21:06

Tgt Ion: 82 Resp: 504313
Ion Ratio Lower Upper
82 100
128 39.0 31.4 47.0
54 63.4 49.8 74.6

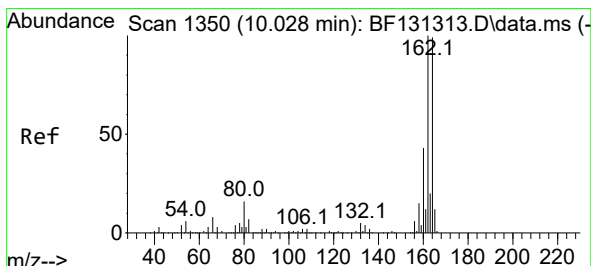
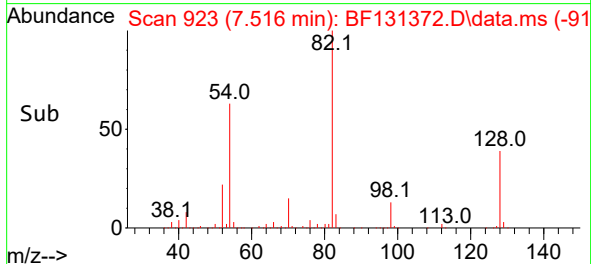
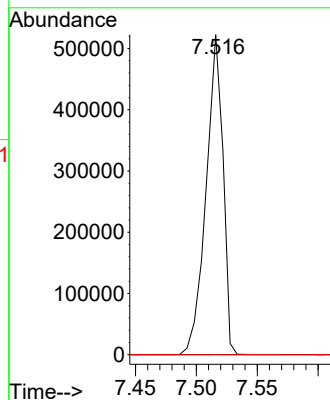
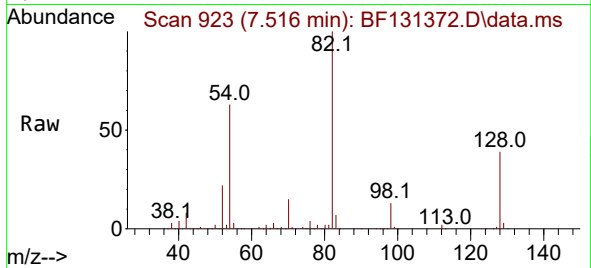




#25
Isophorone
Concen: 32.423 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131372.D
Acq: 23 Nov 2022 21:06

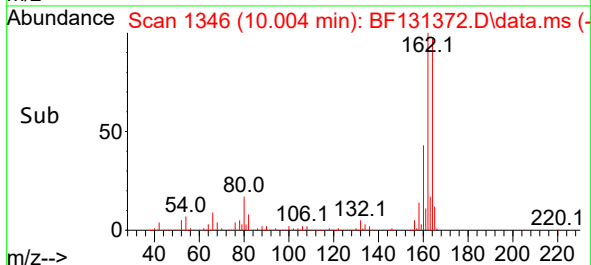
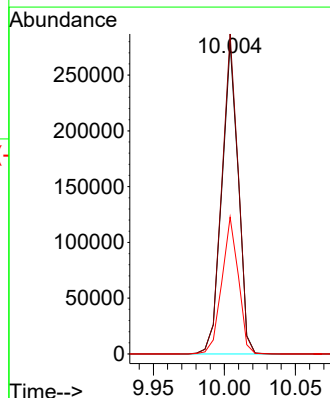
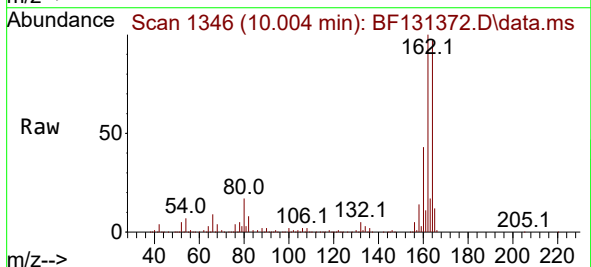
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-28

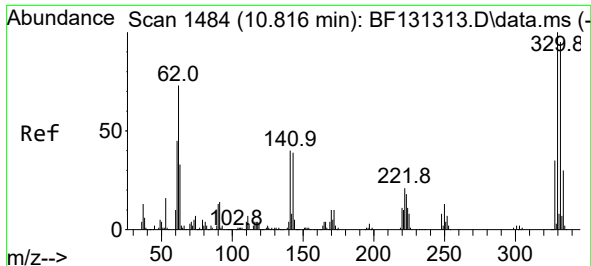
Tgt Ion: 82 Resp: 503186
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF131372.D
Acq: 23 Nov 2022 21:06

Tgt Ion: 164 Resp: 223237
Ion Ratio Lower Upper
164 100
162 103.0 80.6 120.8
160 44.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 84.581 ng

RT: 10.798 min Scan# 1481

Delta R.T. -0.006 min

Lab File: BF131372.D

Acq: 23 Nov 2022 21:06

Instrument :

BNA_F

ClientSampleId :

RIGHT-SIDE-FLATS-28

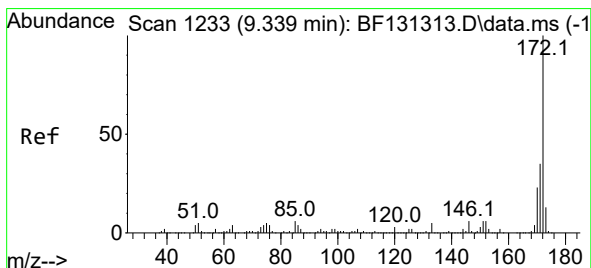
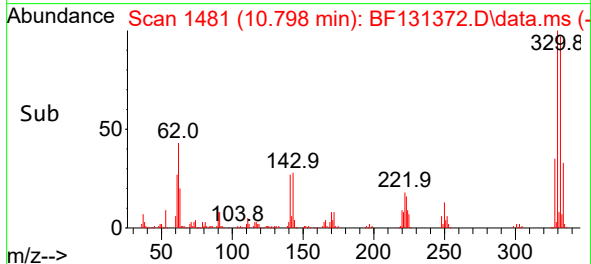
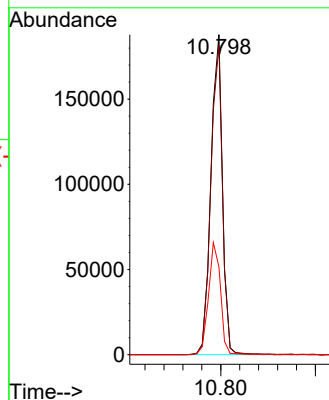
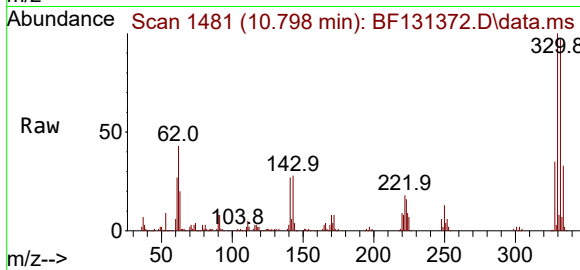
Tgt Ion:330 Resp: 158852

Ion Ratio Lower Upper

330 100

332 97.0 77.5 116.3

141 36.1 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 56.885 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF131372.D

Acq: 23 Nov 2022 21:06

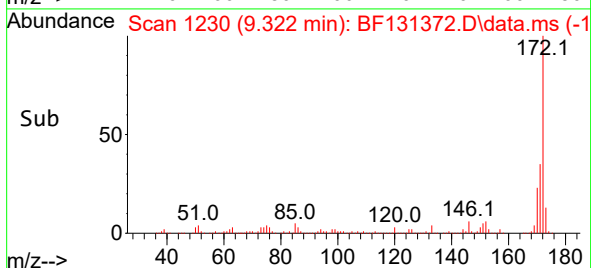
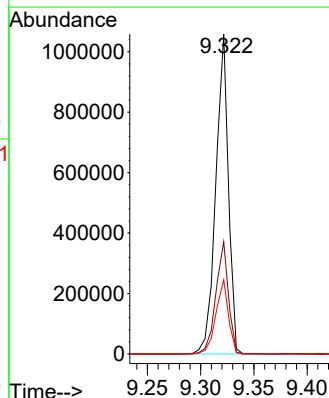
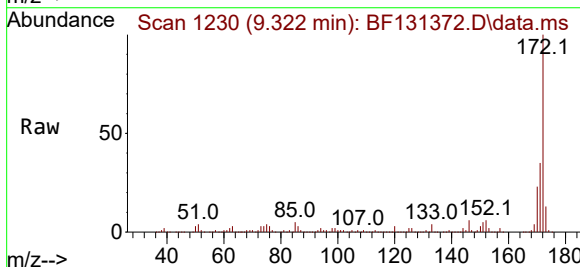
Tgt Ion:172 Resp: 872883

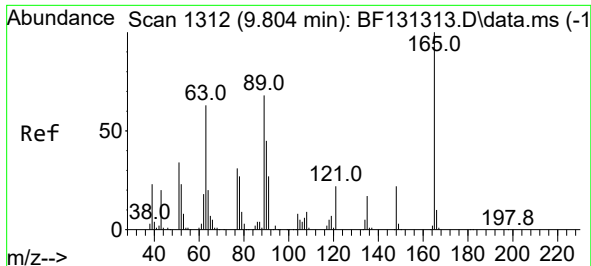
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.1 18.7 28.1

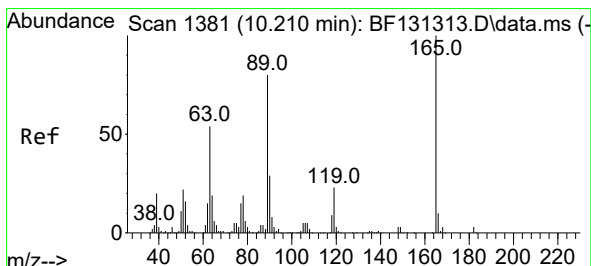
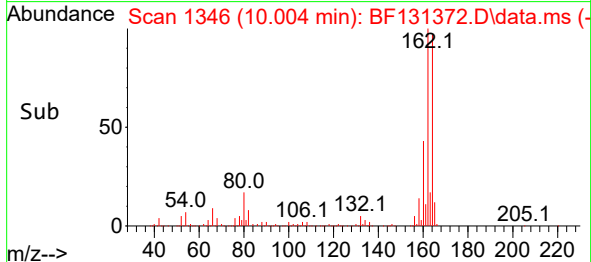
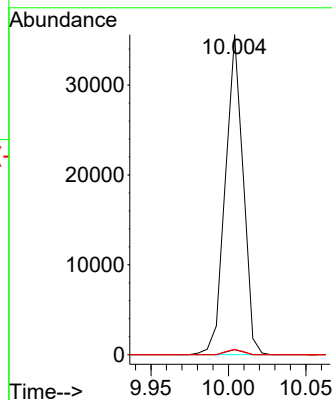
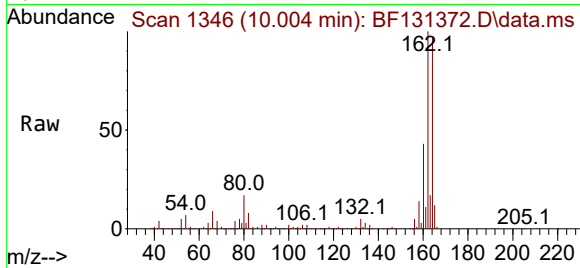




#51
2,6-Dinitrotoluene
Concen: 9.132 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.212 min
Lab File: BF131372.D
Acq: 23 Nov 2022 21:06

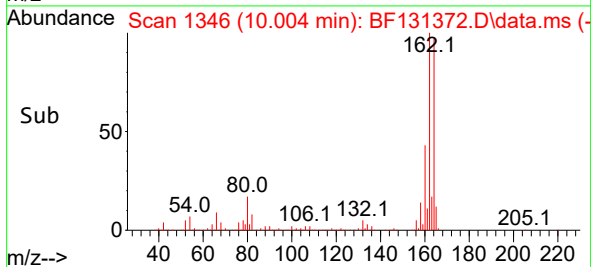
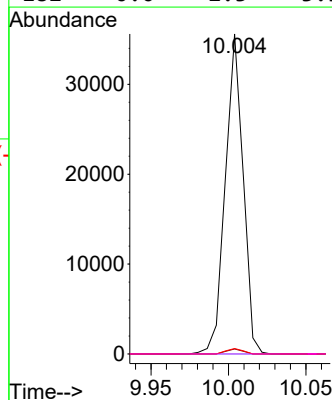
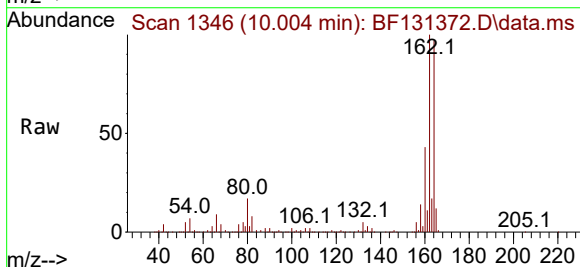
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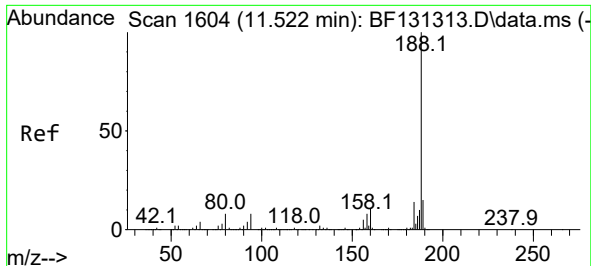
Tgt Ion:165 Resp: 28405
Ion Ratio Lower Upper
165 100
63 1.5 62.0 93.0#
89 1.7 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.258 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.188 min
Lab File: BF131372.D
Acq: 23 Nov 2022 21:06

Tgt Ion:165 Resp: 28405
Ion Ratio Lower Upper
165 100
63 1.5 43.4 65.2#
89 1.7 64.0 96.0#
182 0.0 2.3 3.5#

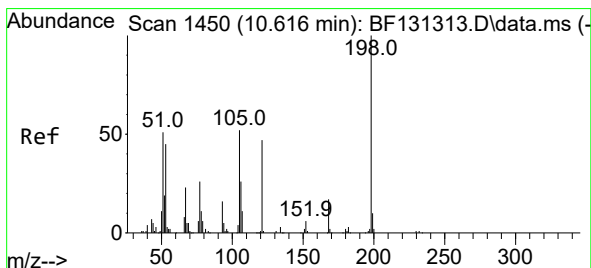
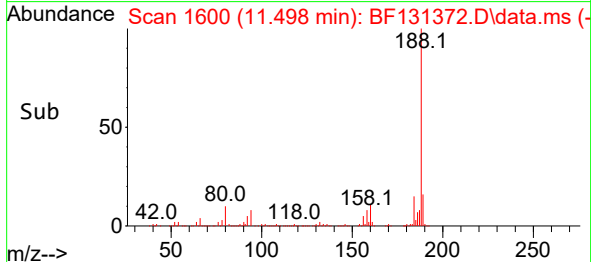
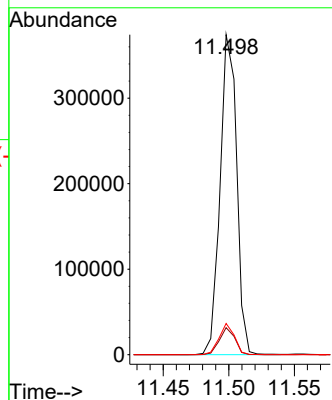
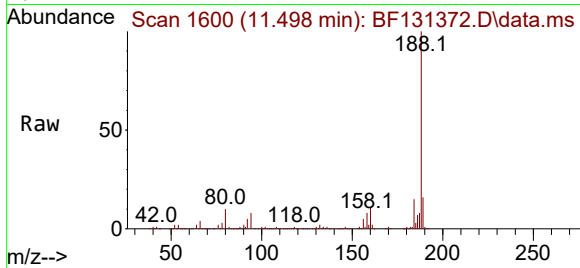




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131372.D
Acq: 23 Nov 2022 21:06

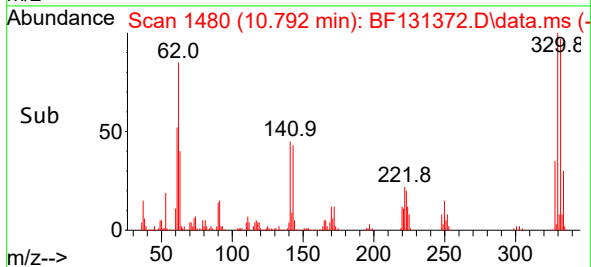
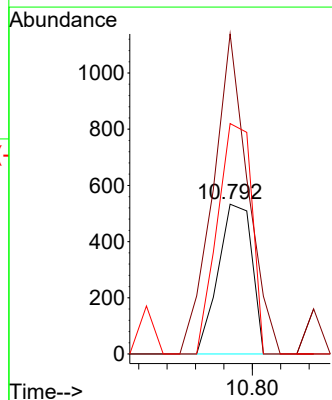
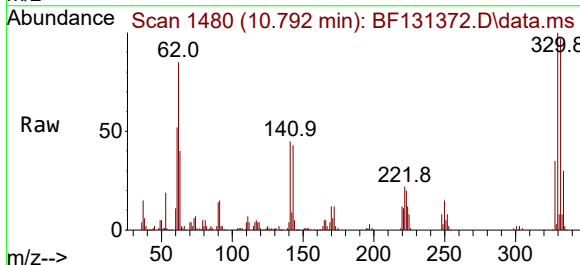
Instrument :
BNA_F
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RIGHT-SIDE-FLATS-28

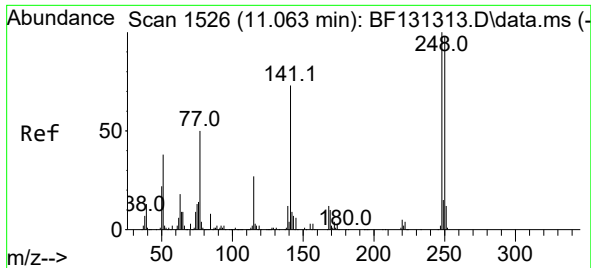
Tgt Ion:188 Resp: 328286
Ion Ratio Lower Upper
188 100
94 8.5 6.3 9.5
80 9.8 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 4.923 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.188 min
Lab File: BF131372.D
Acq: 23 Nov 2022 21:06

Tgt Ion:198 Resp: 439
Ion Ratio Lower Upper
198 100
51 213.7 50.1 90.1#
105 153.8 32.5 72.5#

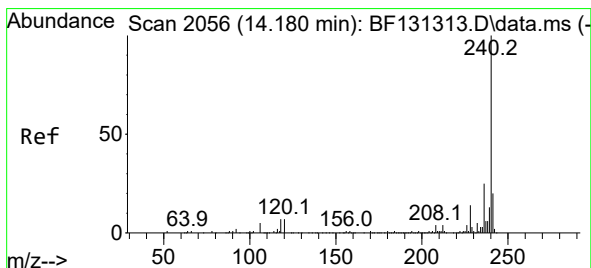
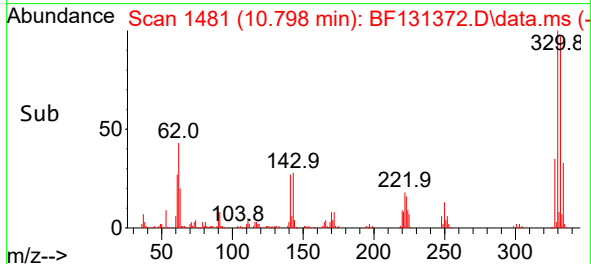
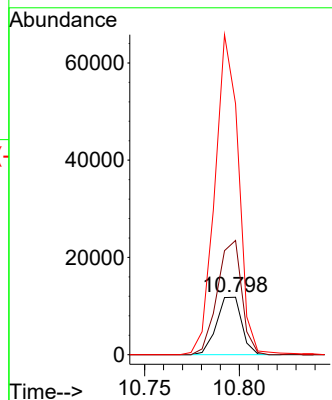
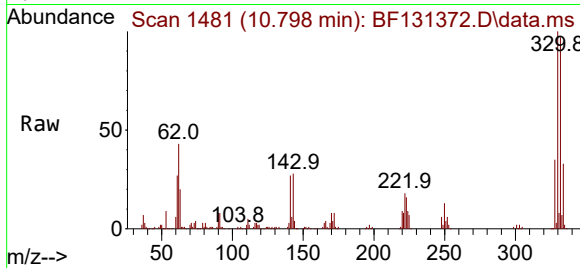




#67
4-Bromophenyl-phenylether
Concen: 2.710 ng
RT: 10.798 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF131372.D
Acq: 23 Nov 2022 21:06

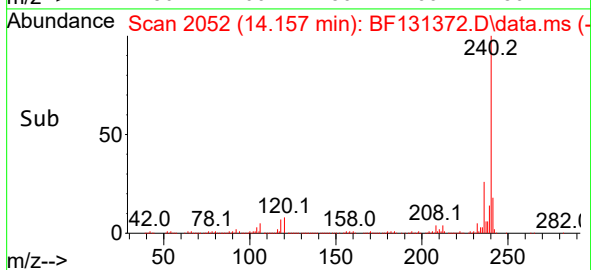
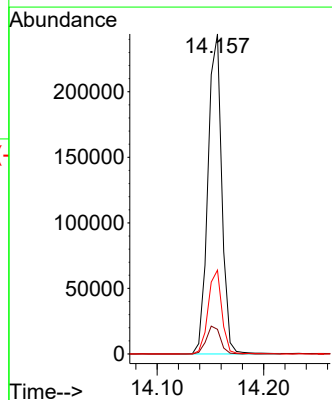
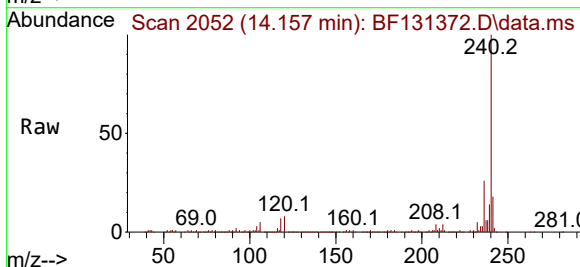
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-28

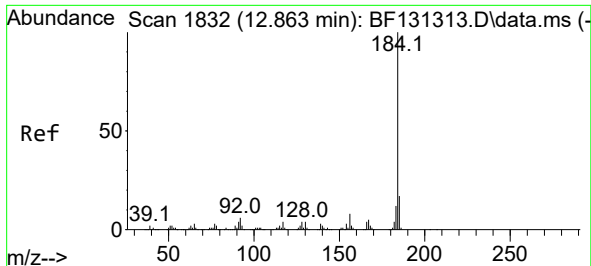
Tgt Ion:248 Resp: 10905
Ion Ratio Lower Upper
248 100
250 198.9 78.3 117.5#
141 436.7 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BF131372.D
Acq: 23 Nov 2022 21:06

Tgt Ion:240 Resp: 221084
Ion Ratio Lower Upper
240 100
120 7.7 5.8 8.8
236 26.2 20.3 30.5

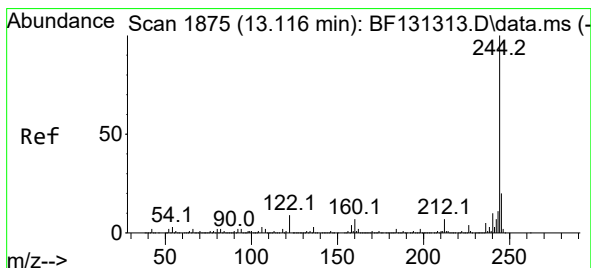
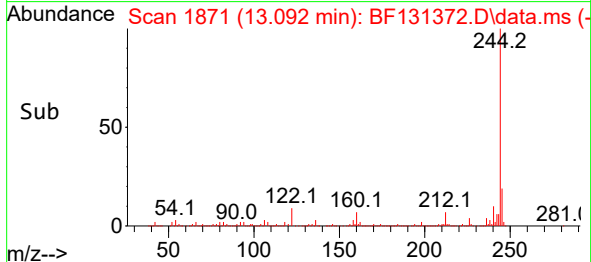
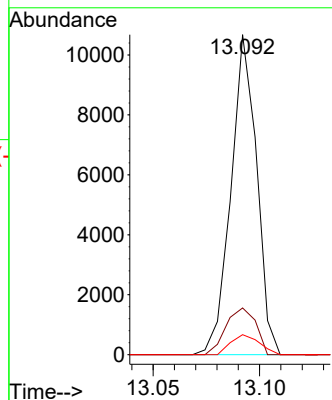
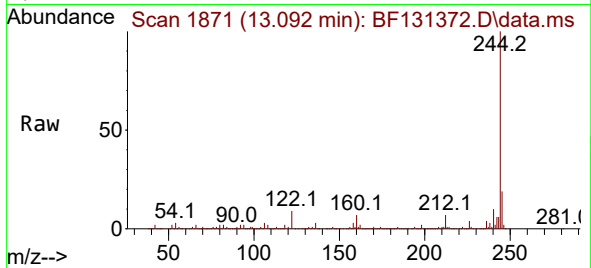




#77
Benzidine
Concen: 2.200 ng
RT: 13.092 min Scan# 1871
Delta R.T. 0.247 min
Lab File: BF131372.D
Acq: 23 Nov 2022 21:06

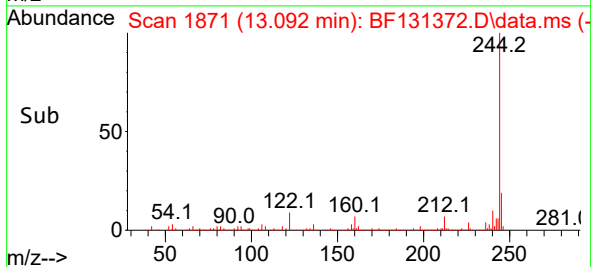
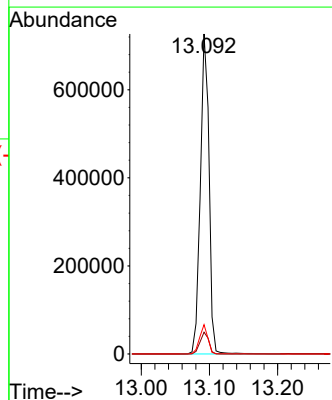
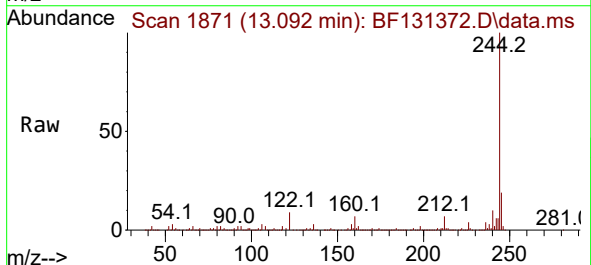
Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-28

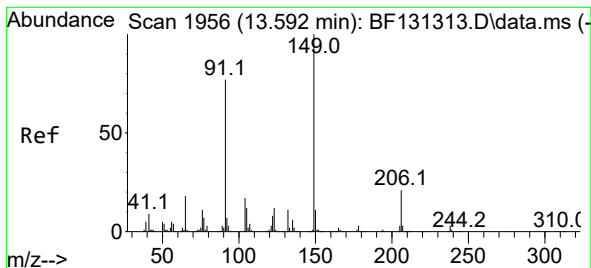
Tgt Ion:184 Resp: 8985
Ion Ratio Lower Upper
184 100
185 14.6 13.8 20.8
183 6.2 9.6 14.4#



#79
Terphenyl-d14
Concen: 47.640 ng
RT: 13.092 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BF131372.D
Acq: 23 Nov 2022 21:06

Tgt Ion:244 Resp: 644086
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.1 7.5 11.3





#80

Butylbenzylphthalate

Concen: 4.245 ng

RT: 13.568 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BF131372.D

Acq: 23 Nov 2022 21:06

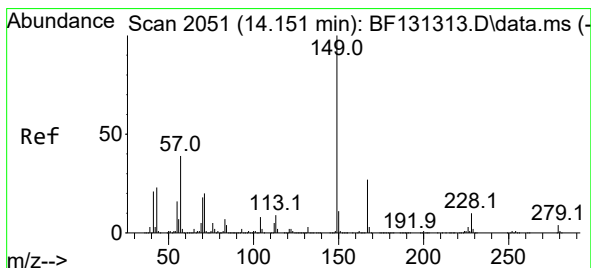
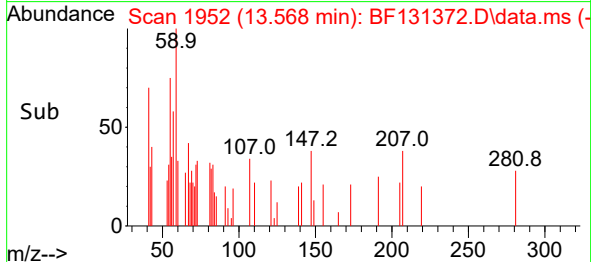
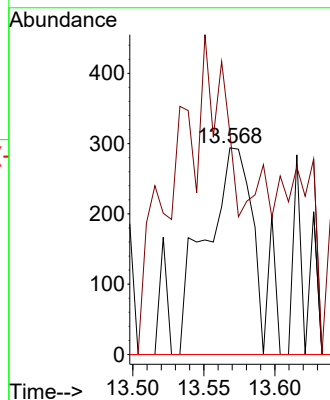
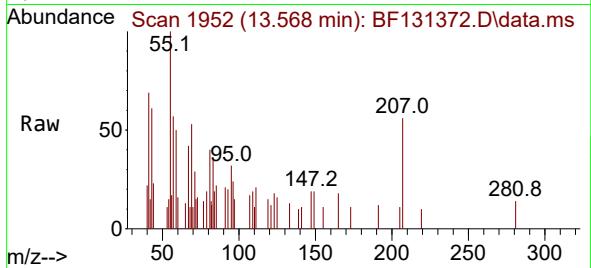
Instrument :

BNA_F

ClientSampleId :

RIGHT-SIDE-FLATS-28

Tgt Ion:149	Resp:	729
Ion Ratio	Lower	Upper
149	100	
91	106.8	61.9 92.9#
206	0.0	16.5 24.7#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.005 ng

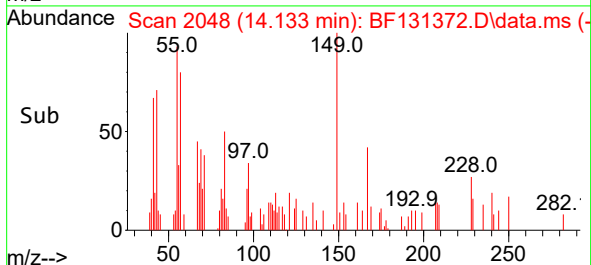
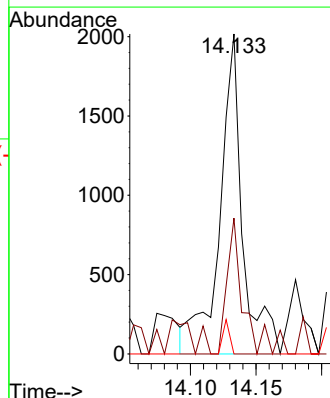
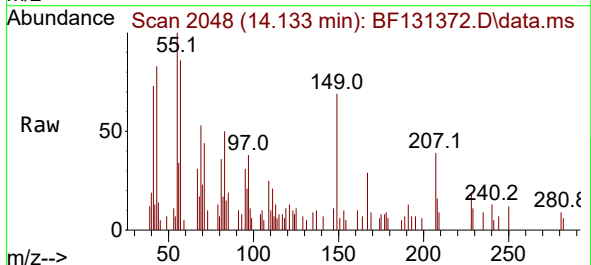
RT: 14.133 min Scan# 2048

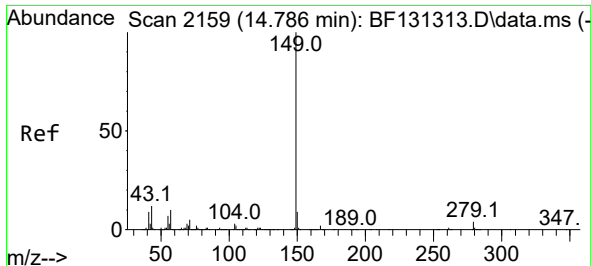
Delta R.T. -0.000 min

Lab File: BF131372.D

Acq: 23 Nov 2022 21:06

Tgt Ion:149	Resp:	2424
Ion Ratio	Lower	Upper
149	100	
167	42.4	21.9 32.9#
279	0.0	3.0 4.4#

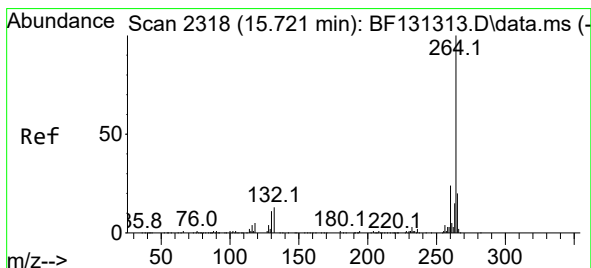
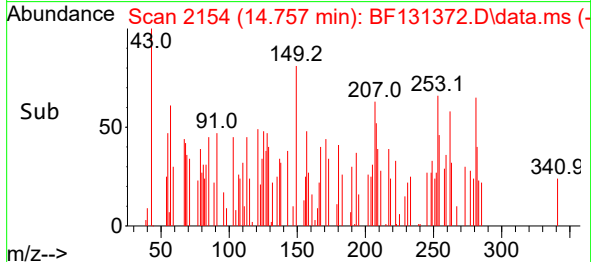
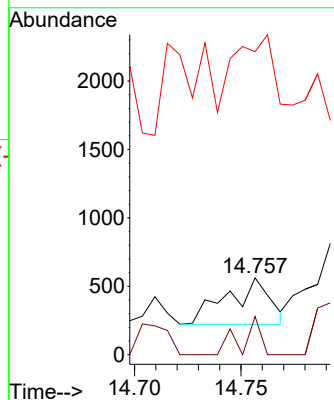
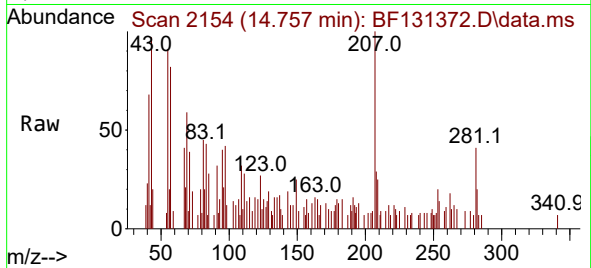




#85
Di-n-octyl phthalate
Concen: 3.946 ng
RT: 14.757 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BF131372.D
Acq: 23 Nov 2022 21:06

Instrument :
BNA_F
ClientSampleId :
RIGHT-SIDE-FLATS-28

Tgt Ion:149 Resp: 478
Ion Ratio Lower Upper
149 100
167 14.0 1.2 1.8#
43 162.8 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.692 min Scan# 2313
Delta R.T. -0.000 min
Lab File: BF131372.D
Acq: 23 Nov 2022 21:06

Tgt Ion:264 Resp: 204167
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.4
265 20.1 16.4 24.6

