

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131405.D
 Acq On : 25 Nov 2022 20:19
 Operator : CG\JU
 Sample : N5741-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 00:12:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 23:13:01 2022
 Response via : Initial Calibration

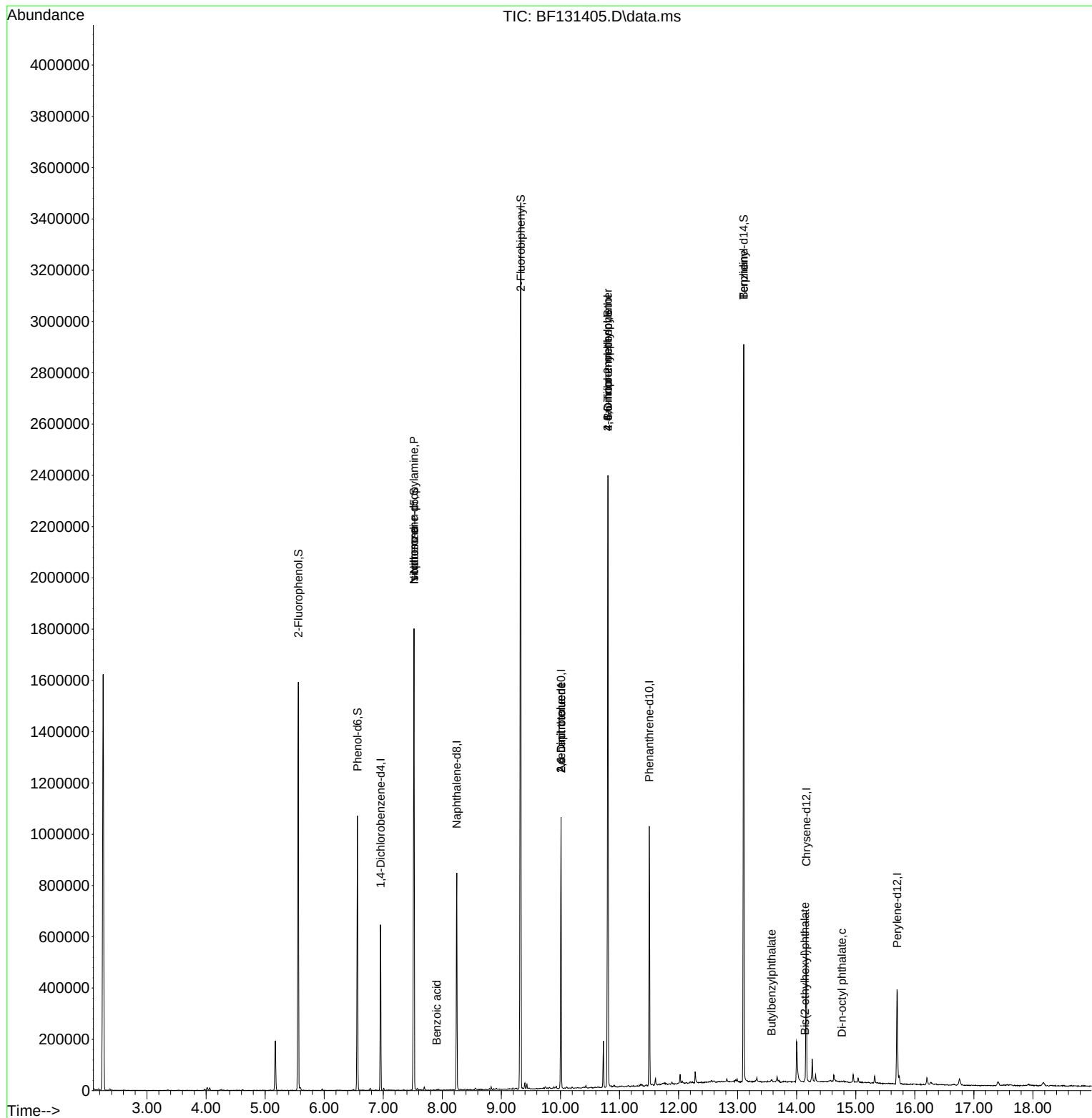
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	94412	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	348039	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	200339	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	354281	20.000	ng	-0.01
76) Chrysene-d12	14.163	240	219034	20.000	ng	-0.01
86) Perylene-d12	15.704	264	184854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	374567	75.508	ng	0.00
7) Phenol-d6	6.563	99	305715	48.302	ng	-0.02
23) Nitrobenzene-d5	7.522	82	592538	85.821	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	263514	156.345	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1041319	75.618	ng	0.00
79) Terphenyl-d14	13.104	244	1010975	75.477	ng	0.00
Target Compounds						
9) Benzaldehyde	6.504	77	261	Below Cal	Qvalue	# 77
19) n-Nitroso-di-n-propyla...	7.522	70	81655	17.623	ng	# 74
25) Isophorone	7.522	82	590438	47.933	ng	# 68
32) Benzoic acid	7.904	122	59	5.150	ng	# 1
51) 2,6-Dinitrotoluene	10.010	165	25754	9.226	ng	# 15
57) 2,4-Dinitrotoluene	10.010	165	25754	7.333	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.804	198	727	5.110	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	17489	4.028	ng	# 1
77) Benzidine	13.104	184	13377	3.306	ng	95
80) Butylbenzylphthalate	13.574	149	827	4.260	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.139	149	2332	3.998	ng	# 82
85) Di-n-octyl phthalate	14.768	149	668	3.964	ng	# 1

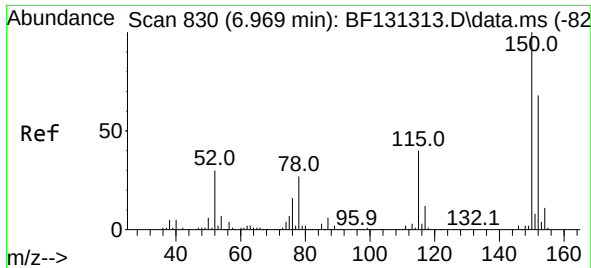
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
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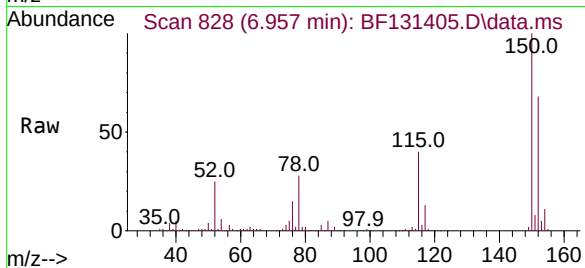
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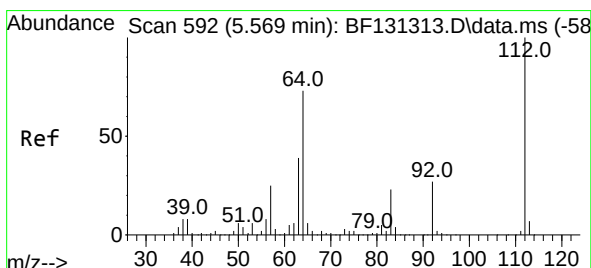
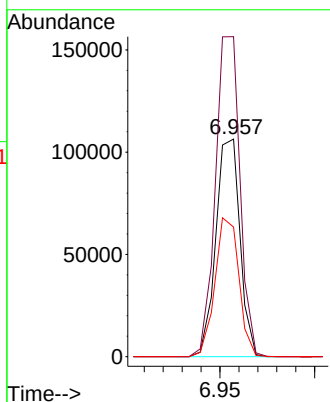
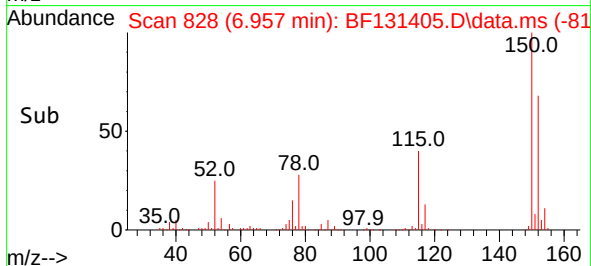


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131405.D
Acq: 25 Nov 2022 20:19

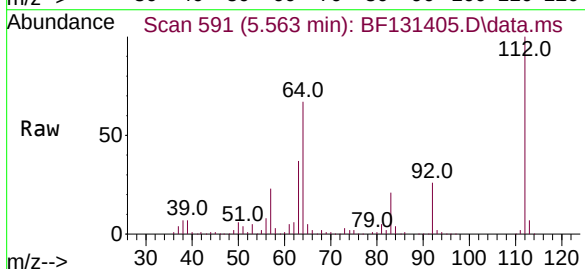
Instrument :
BNA_F
ClientSampleId :



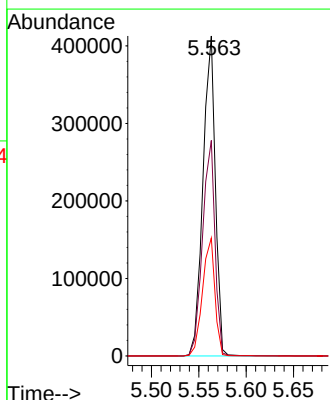
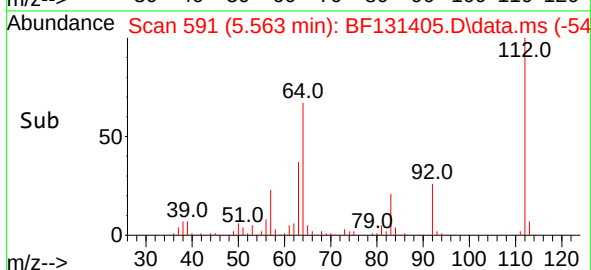
Tgt Ion:152 Resp: 94412
Ion Ratio Lower Upper
152 100
150 147.0 117.8 176.8
115 59.5 47.1 70.7

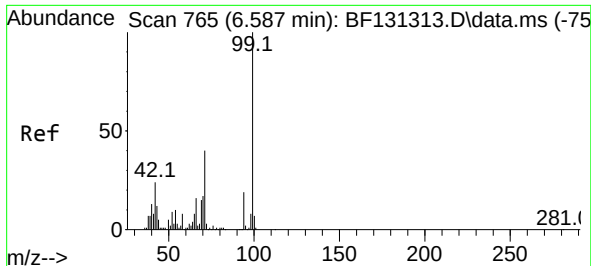


#5
2-Fluorophenol
Concen: 75.508 ng
RT: 5.563 min Scan# 591
Delta R.T. 0.000 min
Lab File: BF131405.D
Acq: 25 Nov 2022 20:19



Tgt Ion:112 Resp: 374567
Ion Ratio Lower Upper
112 100
64 67.4 58.6 88.0
63 36.8 31.4 47.0

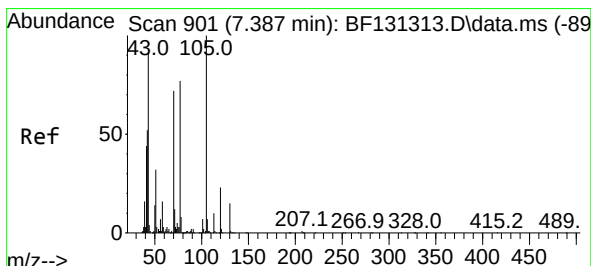
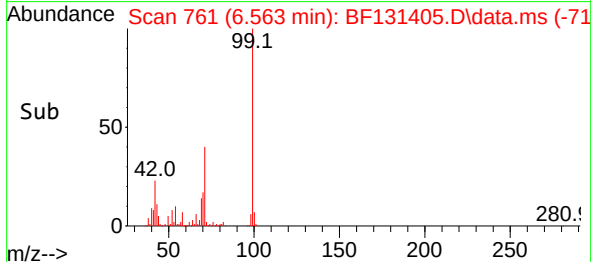
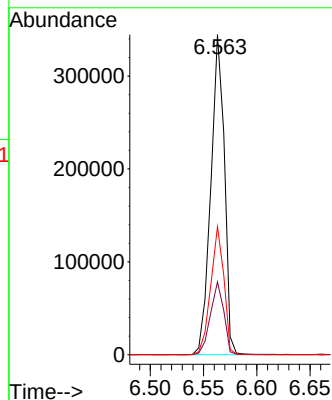
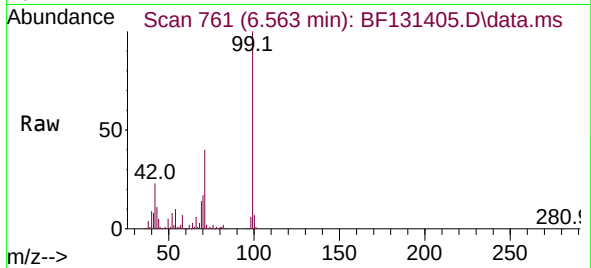




#7
Phenol-d6
Concen: 48.302 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF131405.D
Acq: 25 Nov 2022 20:19

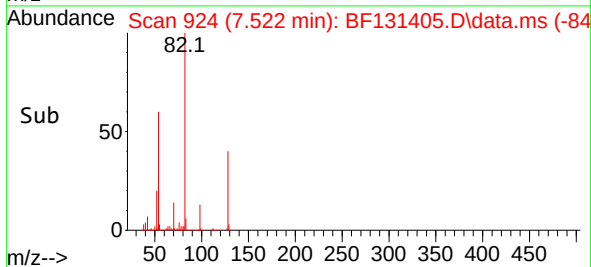
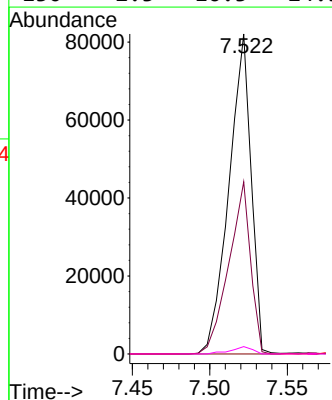
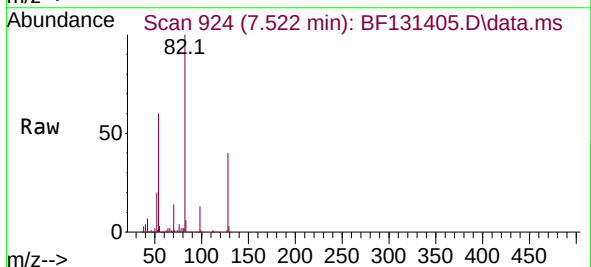
Instrument :
BNA_F
ClientSampleId :

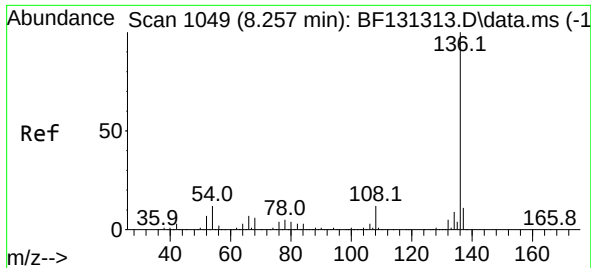
Tgt Ion: 99 Resp: 305715
Ion Ratio Lower Upper
99 100
42 22.8 19.4 29.2
71 40.0 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.623 ng
RT: 7.522 min Scan# 924
Delta R.T. 0.147 min
Lab File: BF131405.D
Acq: 25 Nov 2022 20:19

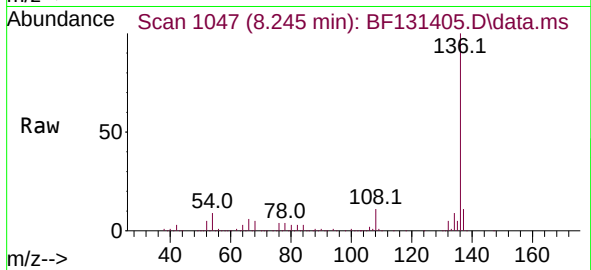
Tgt Ion: 70 Resp: 81655
Ion Ratio Lower Upper
70 100
42 53.8 57.6 86.4#
101 0.0 8.2 12.2#
130 2.3 16.3 24.5#



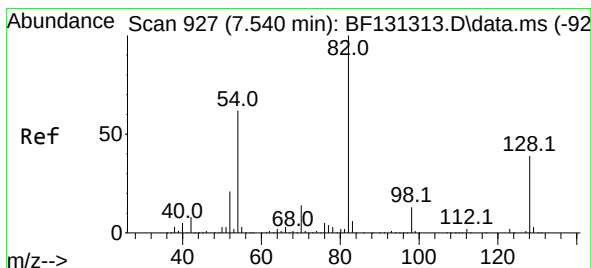
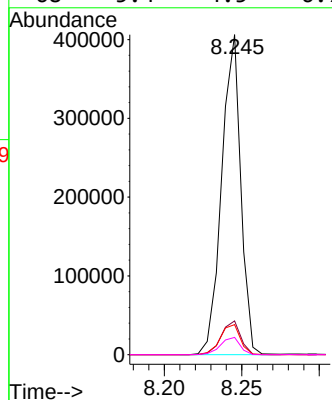
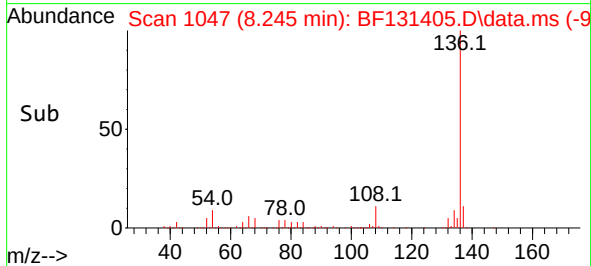


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BF131405.D
Acq: 25 Nov 2022 20:19

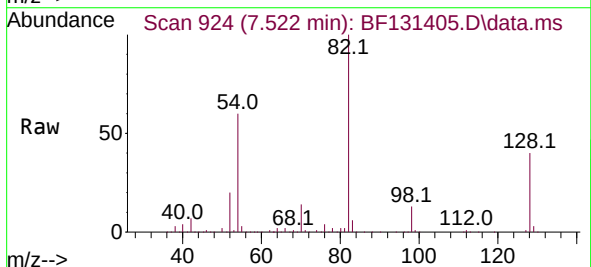
Instrument :
BNA_F
ClientSampleId :



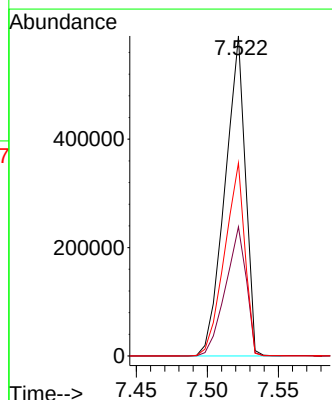
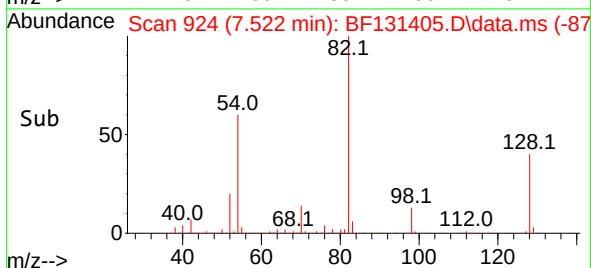
Tgt Ion:136 Resp: 348039
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.4 9.4 14.0
68 5.4 4.5 6.7

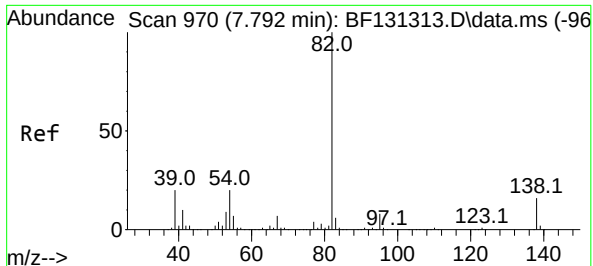


#23
Nitrobenzene-d5
Concen: 85.821 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.012 min
Lab File: BF131405.D
Acq: 25 Nov 2022 20:19



Tgt Ion: 82 Resp: 592538
Ion Ratio Lower Upper
82 100
128 40.4 31.4 47.0
54 60.3 49.8 74.6

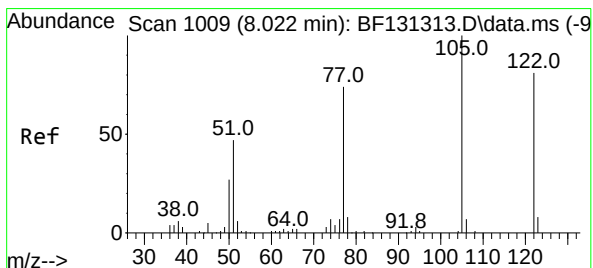
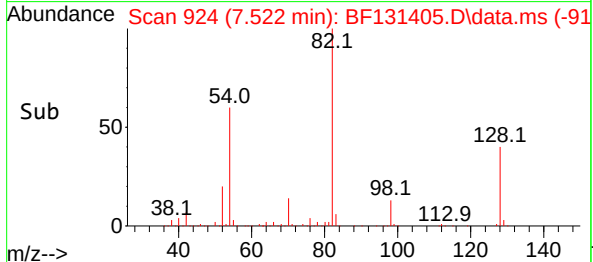
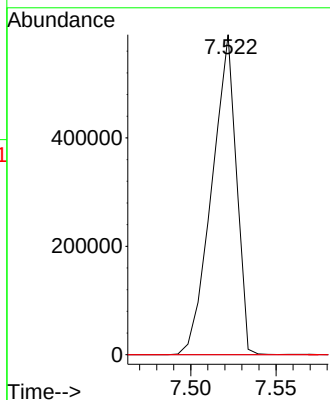
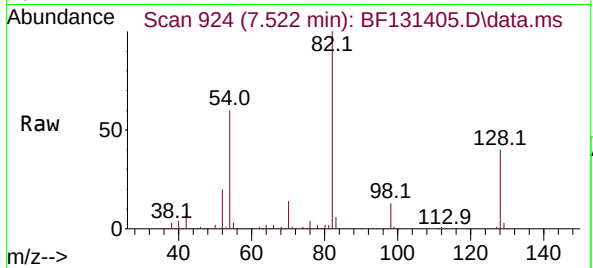




#25
Isophorone
Concen: 47.933 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131405.D
Acq: 25 Nov 2022 20:19

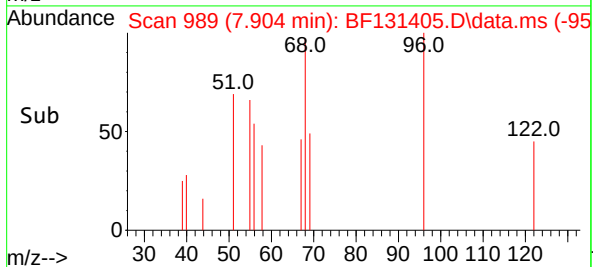
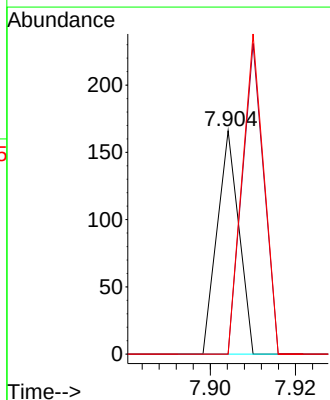
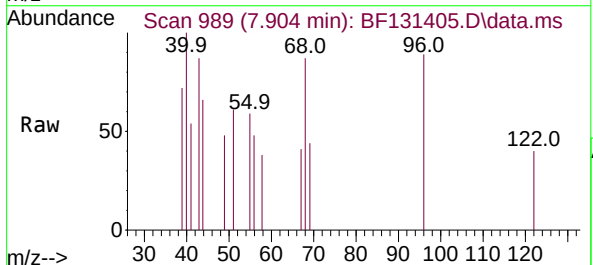
Instrument :
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ClientSampleId :

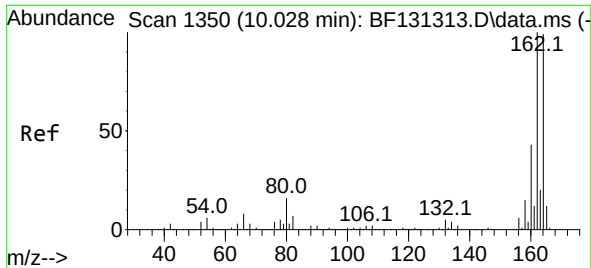
Tgt Ion: 82 Resp: 590438
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.150 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.106 min
Lab File: BF131405.D
Acq: 25 Nov 2022 20:19

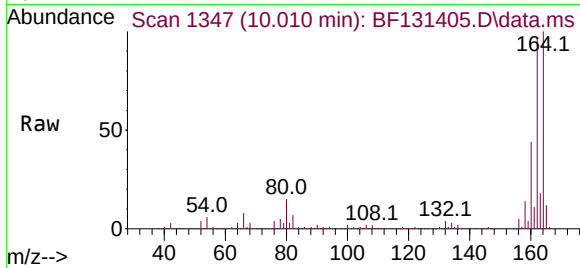
Tgt Ion: 122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 103.8 143.8#
77 0.0 74.3 114.3#



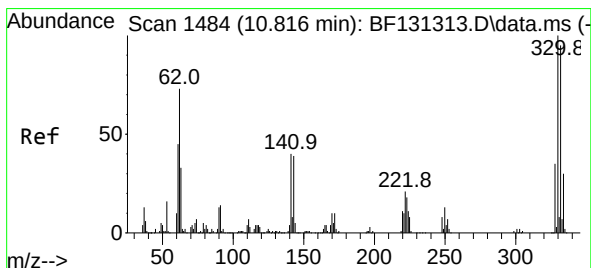
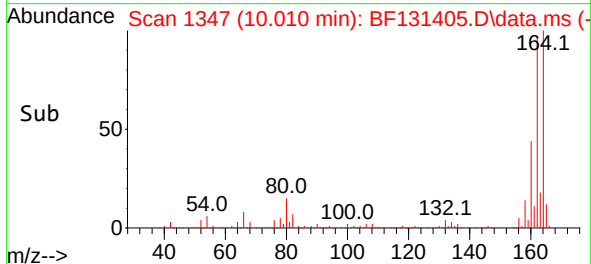
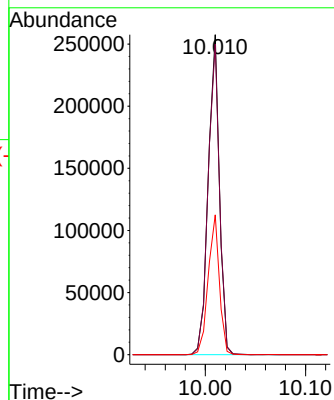


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BF131405.D
Acq: 25 Nov 2022 20:19

Instrument :
BNA_F
ClientSampleId :

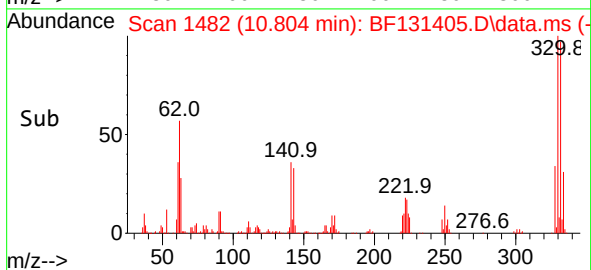
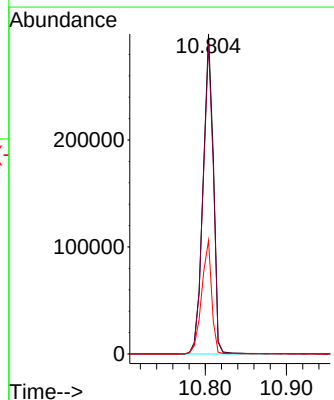
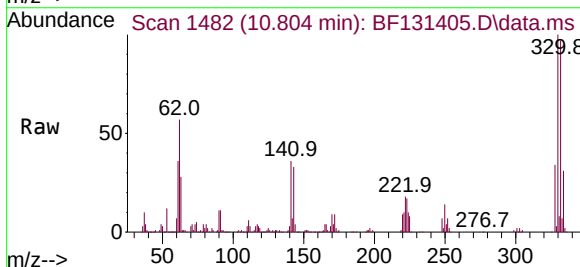


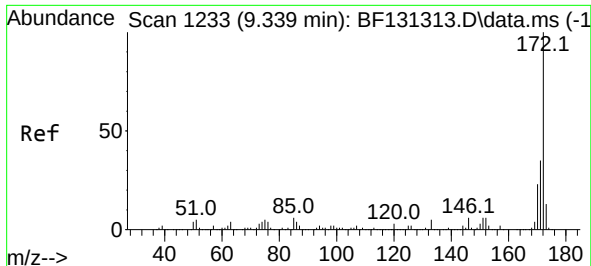
Tgt Ion:164 Resp: 200339
Ion Ratio Lower Upper
164 100
162 97.1 80.6 120.8
160 43.7 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 156.345 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF131405.D
Acq: 25 Nov 2022 20:19

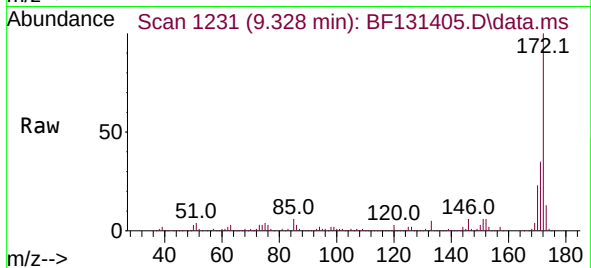
Tgt Ion:330 Resp: 263514
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 34.7 29.3 43.9



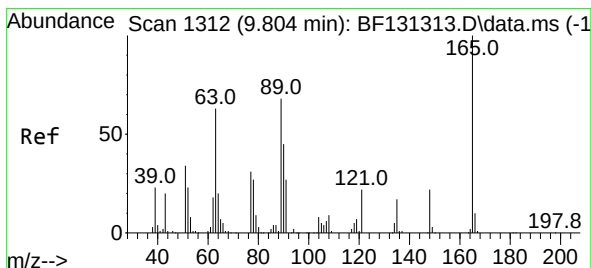
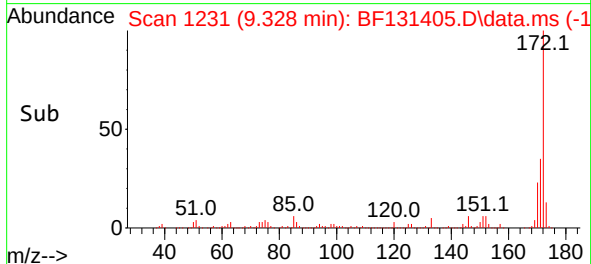
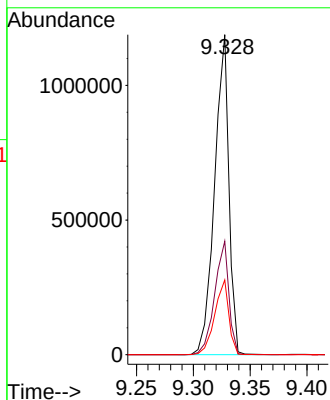


#45
2-Fluorobiphenyl
Concen: 75.618 ng
RT: 9.328 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131405.D
Acq: 25 Nov 2022 20:19

Instrument :
BNA_F
ClientSampleId :

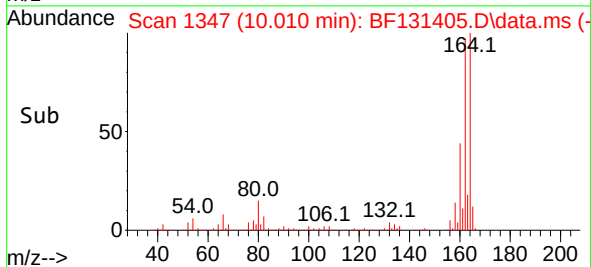
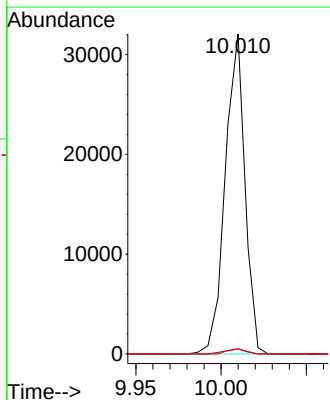
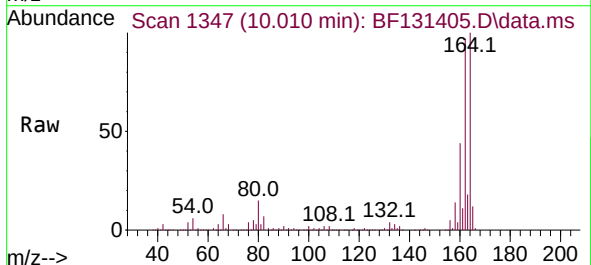


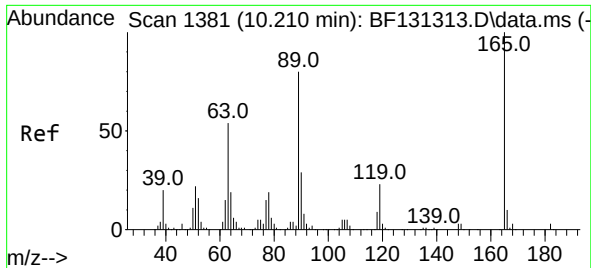
Tgt Ion:172 Resp: 1041319
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.3 18.7 28.1



#51
2,6-Dinitrotoluene
Concen: 9.226 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.212 min
Lab File: BF131405.D
Acq: 25 Nov 2022 20:19

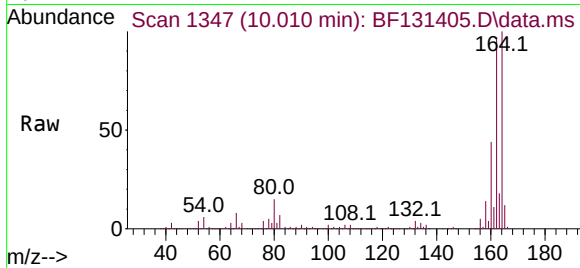
Tgt Ion:165 Resp: 25754
Ion Ratio Lower Upper
165 100
63 1.5 62.0 93.0#
89 1.7 54.4 81.6#



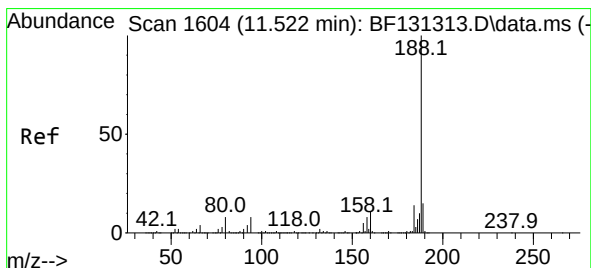
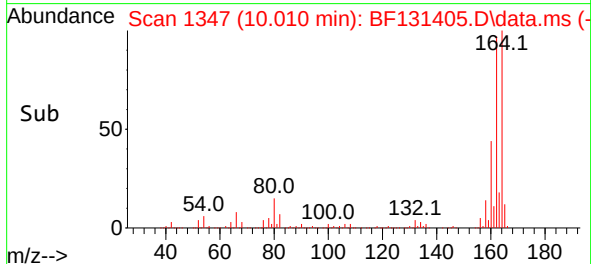
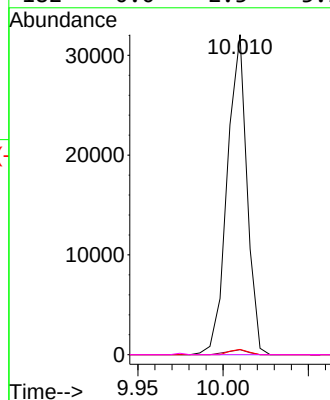


#57
2,4-Dinitrotoluene
Concen: 7.333 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131405.D
Acq: 25 Nov 2022 20:19

Instrument :
BNA_F
ClientSampleId :

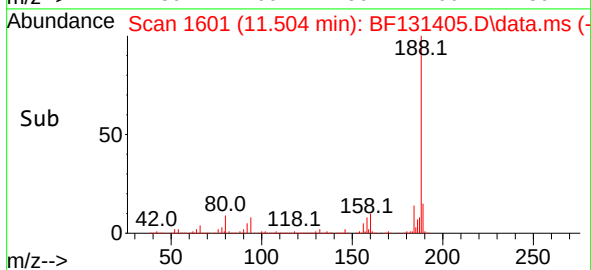
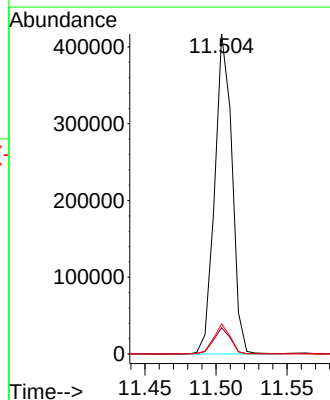
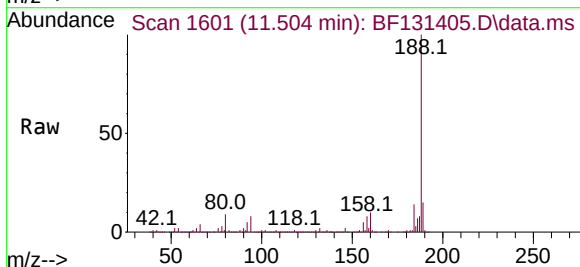


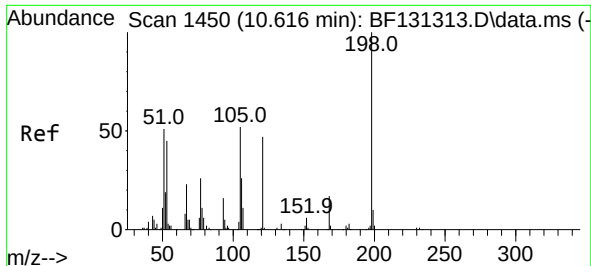
Tgt Ion:165 Resp: 25754
Ion Ratio Lower Upper
165 100
63 1.5 43.4 65.2#
89 1.7 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1601
Delta R.T. -0.012 min
Lab File: BF131405.D
Acq: 25 Nov 2022 20:19

Tgt Ion:188 Resp: 354281
Ion Ratio Lower Upper
188 100
94 8.2 6.3 9.5
80 9.3 6.8 10.2





#65

4,6-Dinitro-2-methylphenol

Concen: 5.110 ng

RT: 10.804 min Scan# 1450

Delta R.T. 0.194 min

Lab File: BF131405.D

Acq: 25 Nov 2022 20:19

Instrument :

BNA_F

ClientSampleId :

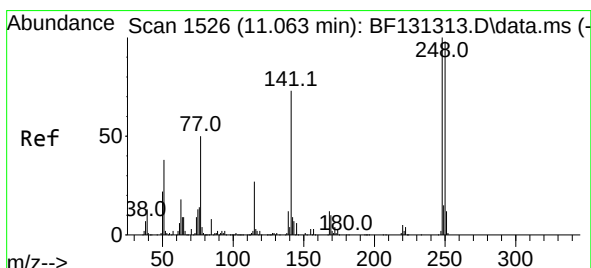
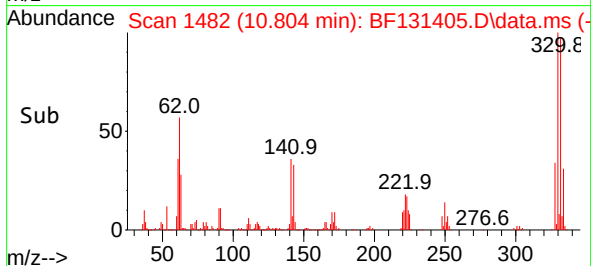
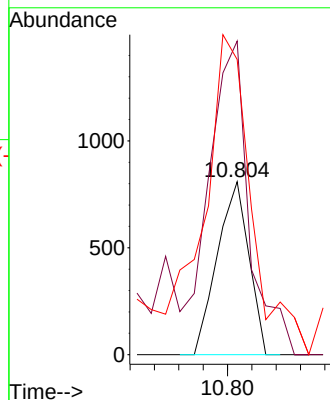
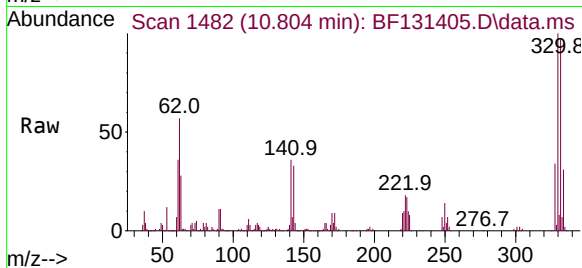
Tgt Ion:198 Resp: 727

Ion Ratio Lower Upper

198 100

51 181.3 50.1 90.1#

105 170.7 32.5 72.5#



#67

4-Bromophenyl-phenylether

Concen: 4.028 ng

RT: 10.804 min Scan# 1482

Delta R.T. -0.253 min

Lab File: BF131405.D

Acq: 25 Nov 2022 20:19

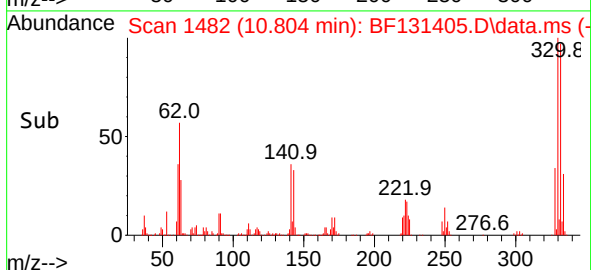
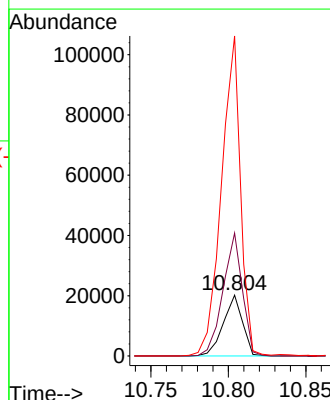
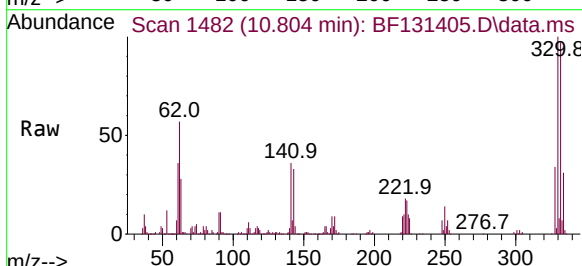
Tgt Ion:248 Resp: 17489

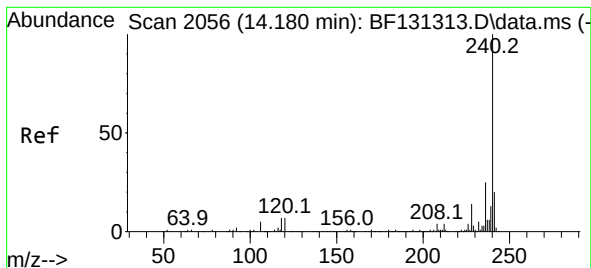
Ion Ratio Lower Upper

248 100

250 202.3 78.3 117.5#

141 526.9 58.0 87.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.163 min Scan# 2053

Delta R.T. -0.012 min

Lab File: BF131405.D

Acq: 25 Nov 2022 20:19

Instrument :

BNA_F

ClientSampleId :

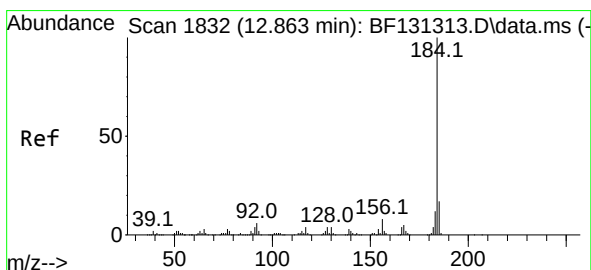
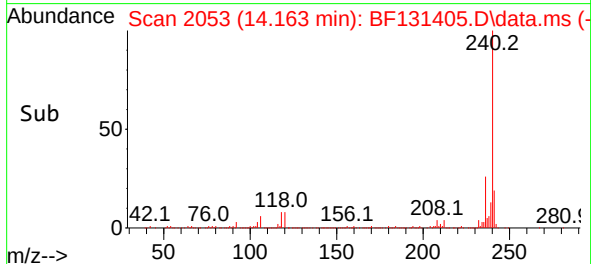
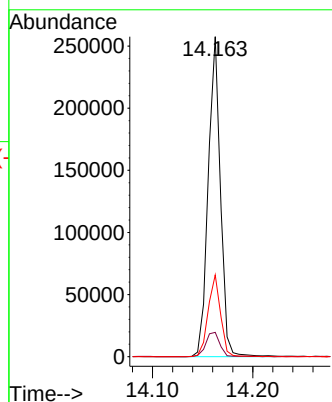
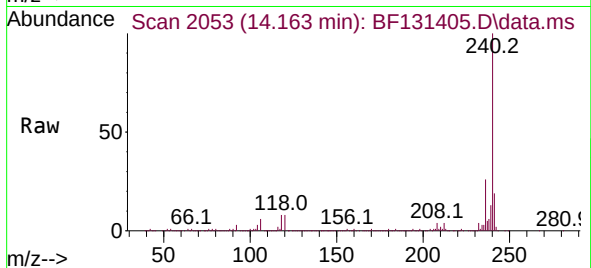
Tgt Ion:240 Resp: 219034

Ion Ratio Lower Upper

240 100

120 7.6 5.8 8.8

236 25.6 20.3 30.5



#77

Benzidine

Concen: 3.306 ng

RT: 13.104 min Scan# 1873

Delta R.T. 0.247 min

Lab File: BF131405.D

Acq: 25 Nov 2022 20:19

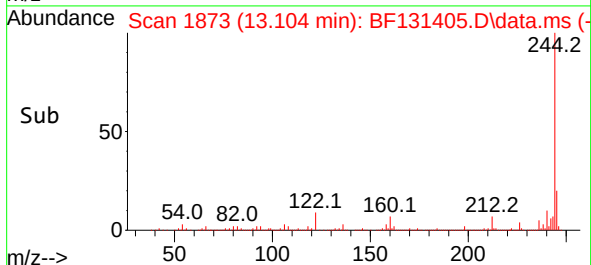
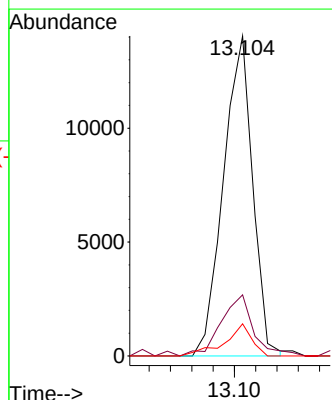
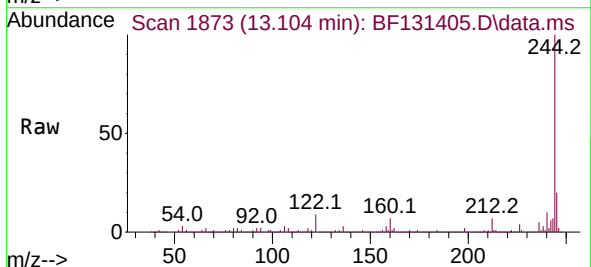
Tgt Ion:184 Resp: 13377

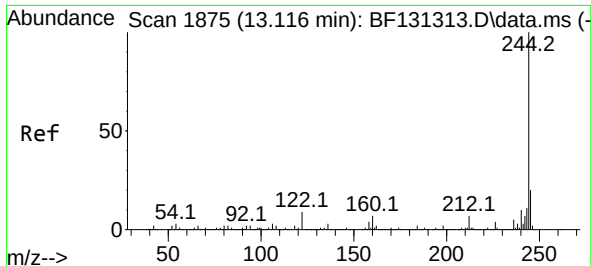
Ion Ratio Lower Upper

184 100

185 19.1 13.8 20.8

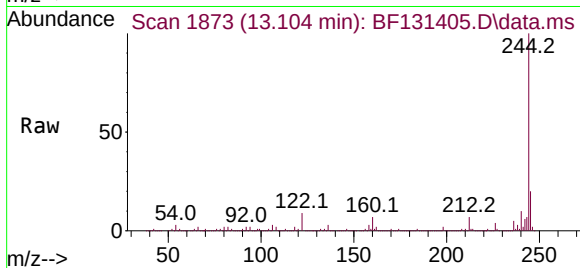
183 10.0 9.6 14.4



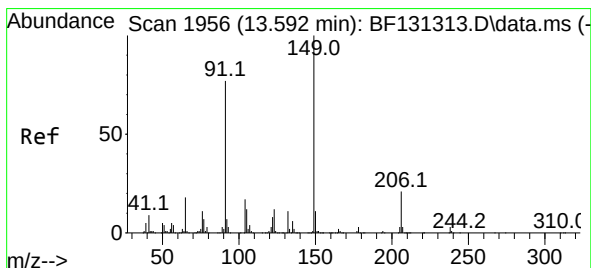
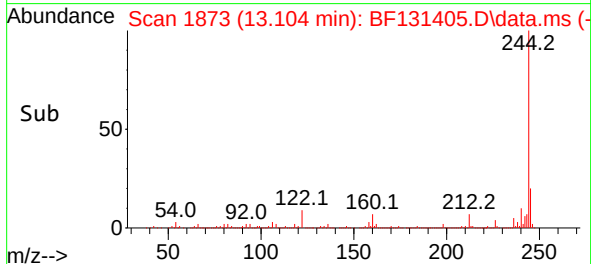
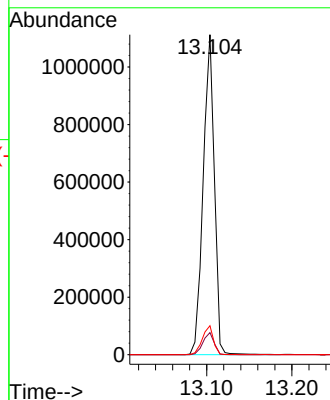


#79
 Terphenyl-d14
 Concen: 75.477 ng
 RT: 13.104 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131405.D
 Acq: 25 Nov 2022 20:19

Instrument :
 BNA_F
 ClientSampleId :

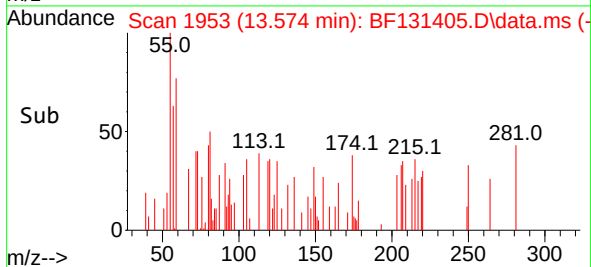
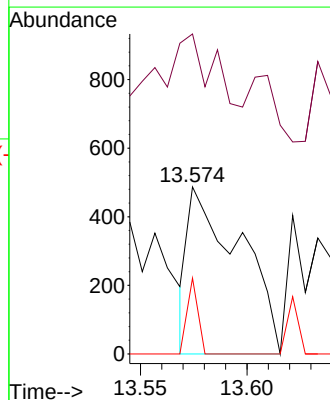
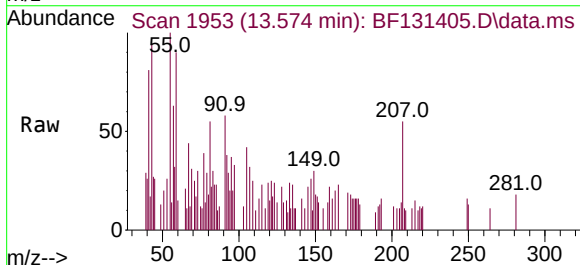


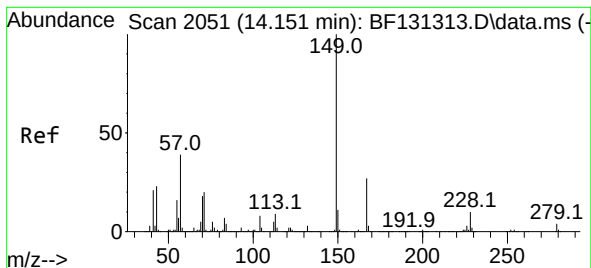
Tgt Ion:244 Resp: 1010975
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 9.0 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.260 ng
 RT: 13.574 min Scan# 1953
 Delta R.T. -0.012 min
 Lab File: BF131405.D
 Acq: 25 Nov 2022 20:19

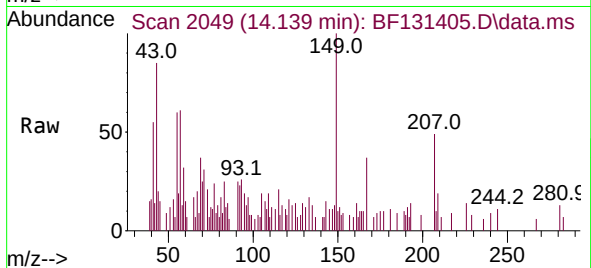
Tgt Ion:149 Resp: 827
 Ion Ratio Lower Upper
 149 100
 91 191.6 61.9 92.9#
 206 45.4 16.5 24.7#



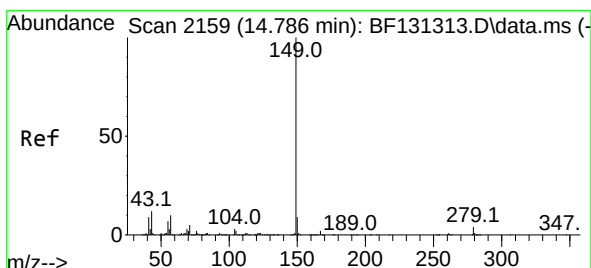
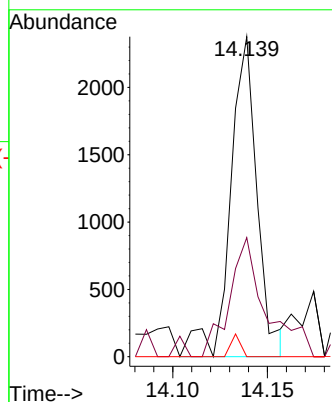
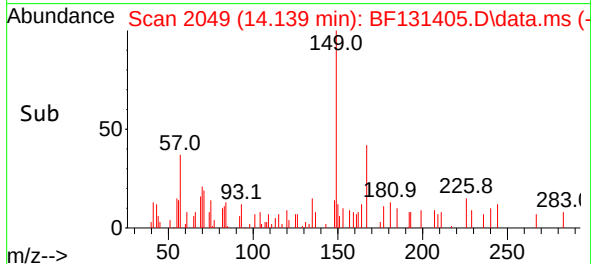


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.998 ng
 RT: 14.139 min Scan# 2049
 Delta R.T. -0.006 min
 Lab File: BF131405.D
 Acq: 25 Nov 2022 20:19

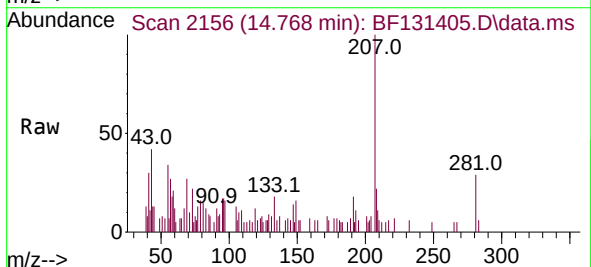
Instrument :
 BNA_F
 ClientSampleId :



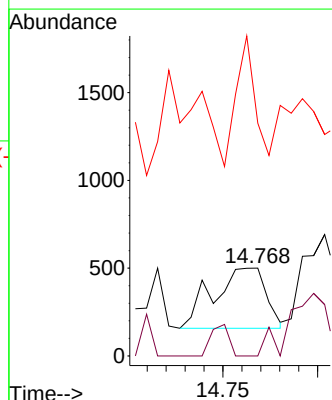
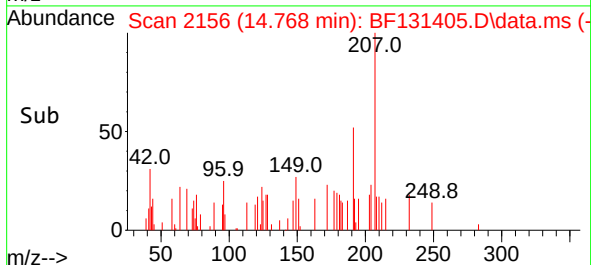
Tgt Ion:149 Resp: 2332
 Ion Ratio Lower Upper
 149 100
 167 37.2 21.9 32.9#
 279 0.0 3.0 4.4#

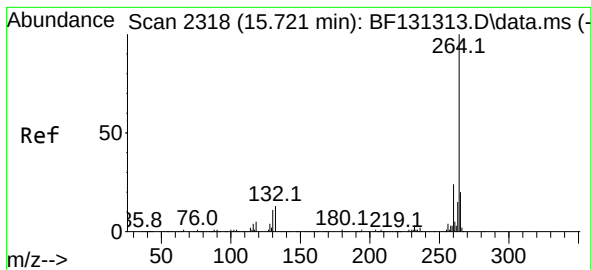


#85
 Di-n-octyl phthalate
 Concen: 3.964 ng
 RT: 14.768 min Scan# 2156
 Delta R.T. -0.006 min
 Lab File: BF131405.D
 Acq: 25 Nov 2022 20:19



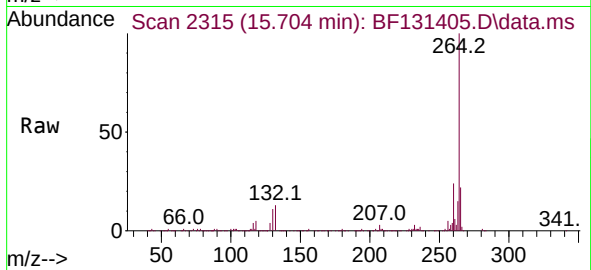
Tgt Ion:149 Resp: 668
 Ion Ratio Lower Upper
 149 100
 167 17.4 1.2 1.8#
 43 84.4 10.7 16.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.704 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131405.D
Acq: 25 Nov 2022 20:19

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 184854

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	22.0	16.4	24.6

