

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112522\
 Data File : BF131403.D
 Acq On : 25 Nov 2022 19:15
 Operator : CG\JU
 Sample : N5741-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 00:11:34 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

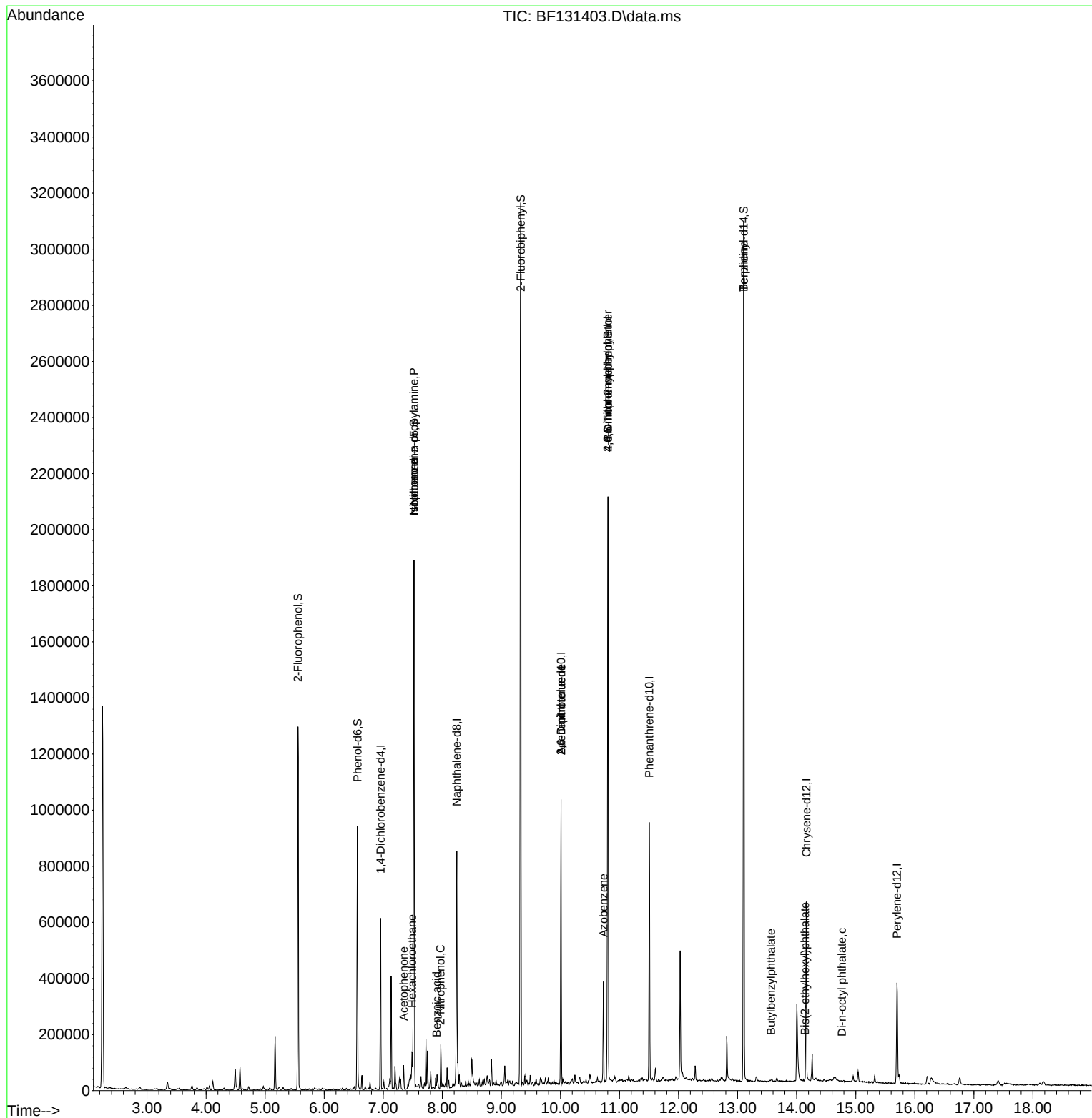
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	88965	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	324786	20.000	ng	# 0.00
39) Acenaphthene-d10	10.010	164	183111	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	330364	20.000	ng	-0.01
76) Chrysene-d12	14.162	240	203061	20.000	ng	-0.01
86) Perylene-d12	15.698	264	176897	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	310993	66.530	ng	0.00
7) Phenol-d6	6.563	99	244485	40.993	ng	-0.02
23) Nitrobenzene-d5	7.522	82	527776	81.914	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	228179	148.118	ng	0.00
45) 2-Fluorobiphenyl	9.327	172	953494	75.755	ng	0.00
79) Terphenyl-d14	13.104	244	1061823	85.509	ng	0.00
Target Compounds						
9) Benzaldehyde	6.504	77	704	Below Cal	#	31
18) Hexachloroethane	7.486	117	9034	3.938	ng	# 25
19) n-Nitroso-di-n-propyla...	7.522	70	72147	16.525	ng	# 72
22) Acetophenone	7.345	105	27664	3.346	ng	# 52
25) Isophorone	7.522	82	524715	45.647	ng	# 68
26) 2-Nitrophenol	7.969	139	56	3.610	ng	# 1
32) Benzoic acid	7.904	122	757	5.448	ng	# 50
51) 2,6-Dinitrotoluene	10.010	165	23725	9.299	ng	# 16
57) 2,4-Dinitrotoluene	10.010	165	23725	7.390	ng	# 20
63) Azobenzene	10.727	77	53889	4.160	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.804	198	707	5.133	ng	# 1
67) 4-Bromophenyl-phenylether	10.804	248	15691	3.875	ng	# 1
77) Benzidine	13.104	184	14842	3.957	ng	# 95
80) Butylbenzylphthalate	13.568	149	543	4.226	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.139	149	1664	3.941	ng	# 84
85) Di-n-octyl phthalate	14.768	149	879	3.990	ng	# 69

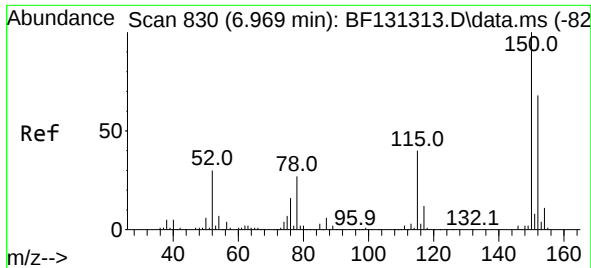
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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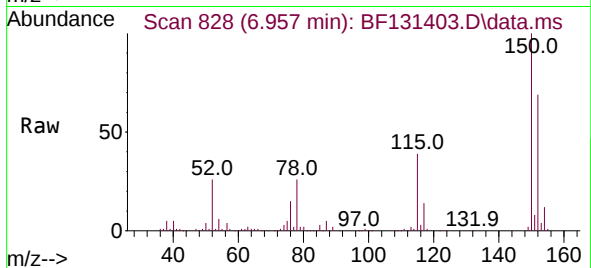
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 25 23:13:01 2022
Response via : Initial Calibration



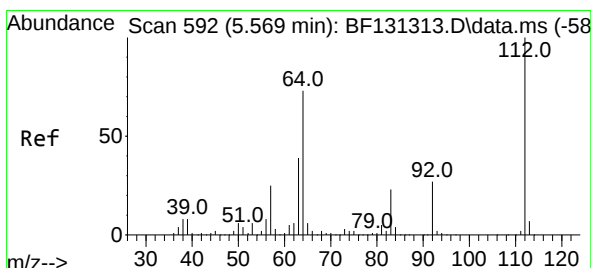
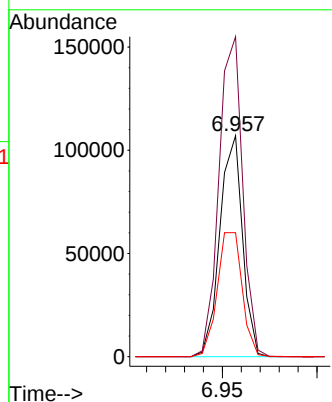
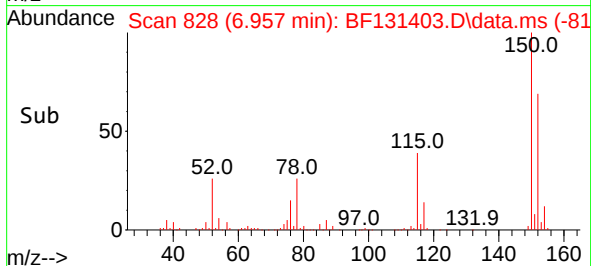


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131403.D
Acq: 25 Nov 2022 19:15

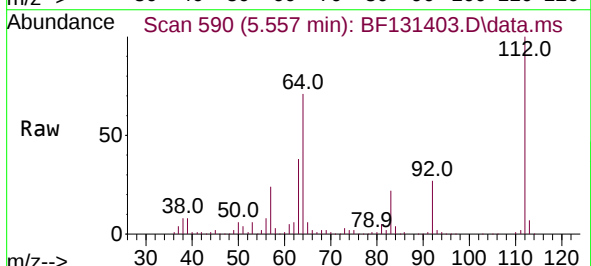
Instrument :
BNA_F
ClientSampleId :



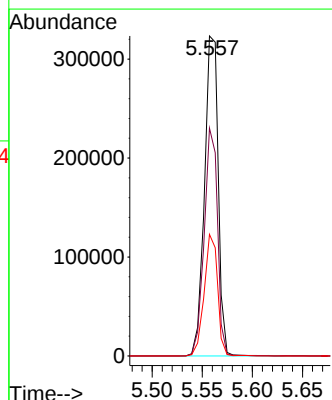
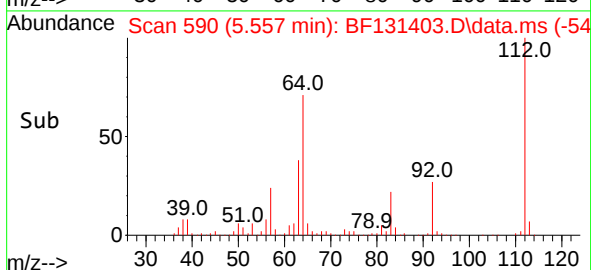
Tgt Ion:152 Resp: 88965
Ion Ratio Lower Upper
152 100
150 144.8 117.8 176.8
115 56.2 47.1 70.7

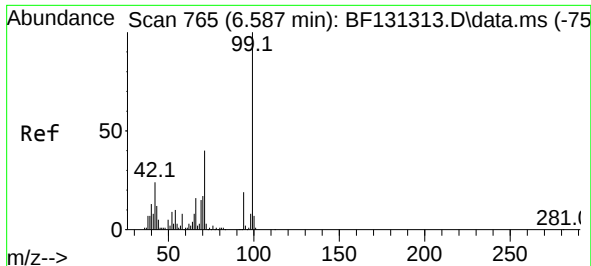


#5
2-Fluorophenol
Concen: 66.530 ng
RT: 5.557 min Scan# 590
Delta R.T. -0.006 min
Lab File: BF131403.D
Acq: 25 Nov 2022 19:15



Tgt Ion:112 Resp: 310993
Ion Ratio Lower Upper
112 100
64 71.2 58.6 88.0
63 38.0 31.4 47.0

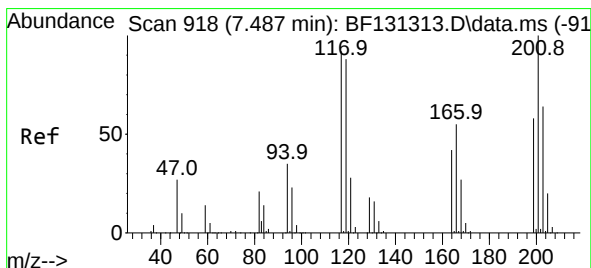
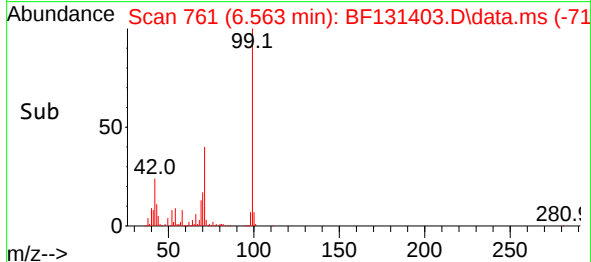
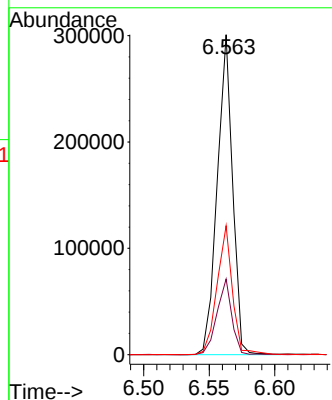
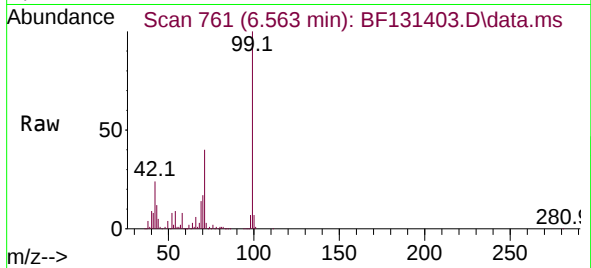




#7
Phenol-d6
Concen: 40.993 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.018 min
Lab File: BF131403.D
Acq: 25 Nov 2022 19:15

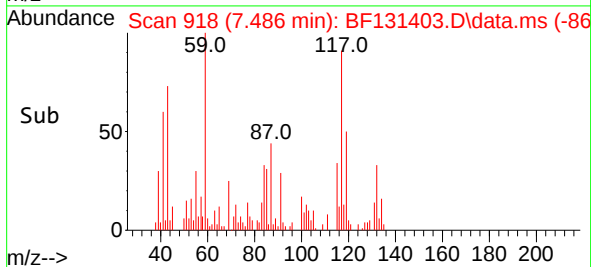
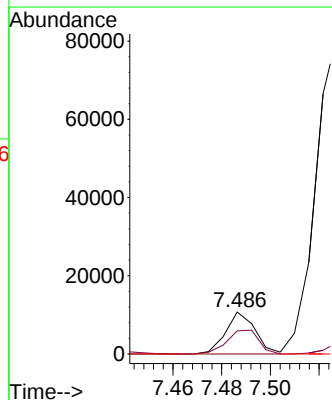
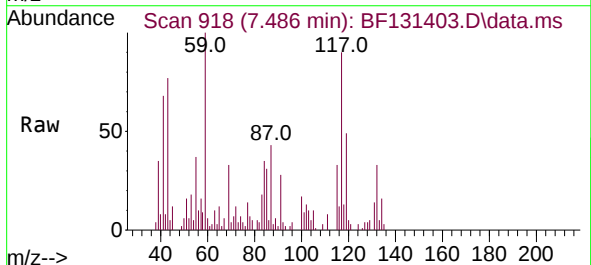
Instrument :
BNA_F
ClientSampleId :

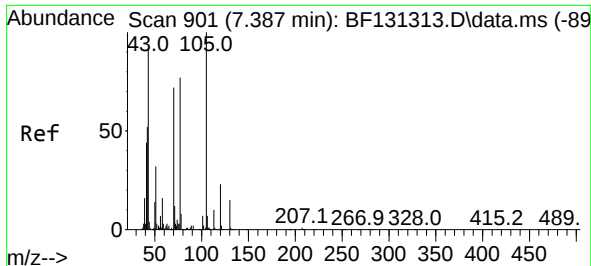
Tgt Ion: 99 Resp: 244485
Ion Ratio Lower Upper
99 100
42 23.6 19.4 29.2
71 40.3 32.3 48.5



#18
Hexachloroethane
Concen: 3.938 ng
RT: 7.486 min Scan# 918
Delta R.T. 0.012 min
Lab File: BF131403.D
Acq: 25 Nov 2022 19:15

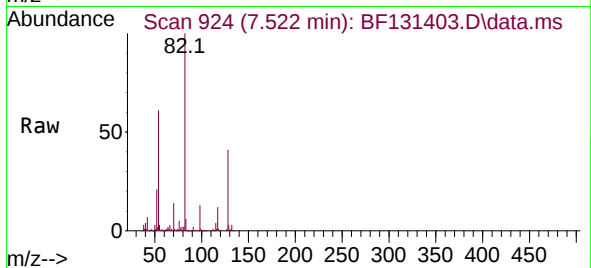
Tgt Ion: 117 Resp: 9034
Ion Ratio Lower Upper
117 100
119 54.9 76.6 115.0#
201 0.0 87.0 130.6#



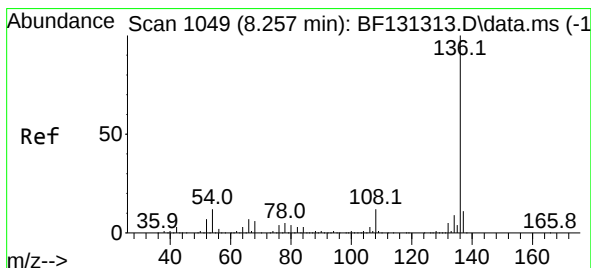
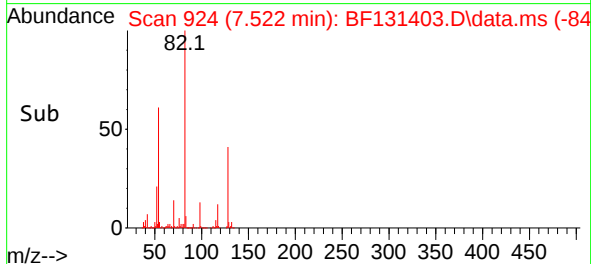
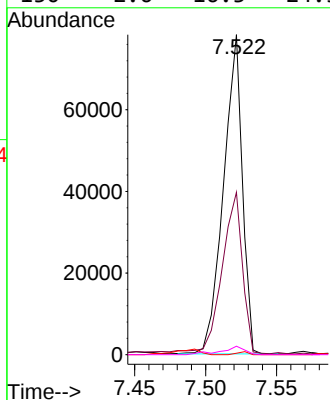


#19
n-Nitroso-di-n-propylamine
Concen: 16.525 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF131403.D
Acq: 25 Nov 2022 19:15

Instrument :
BNA_F
ClientSampleId :

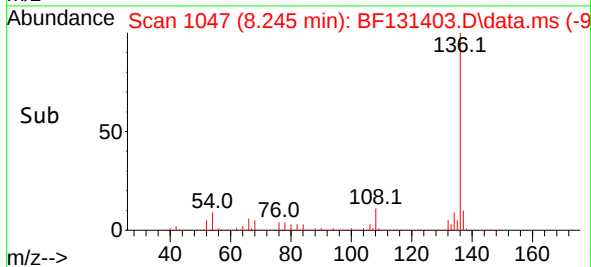
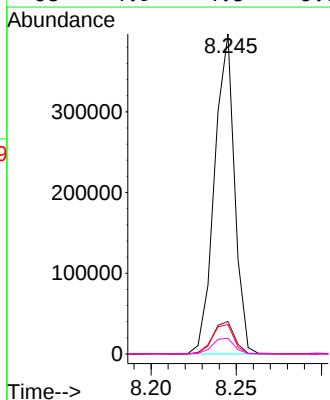
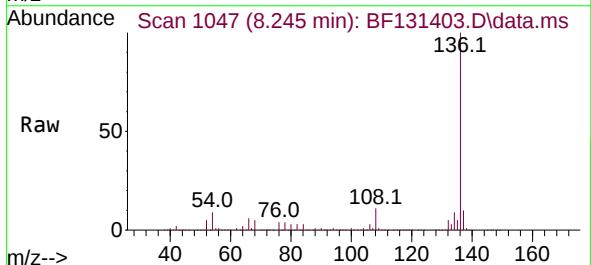


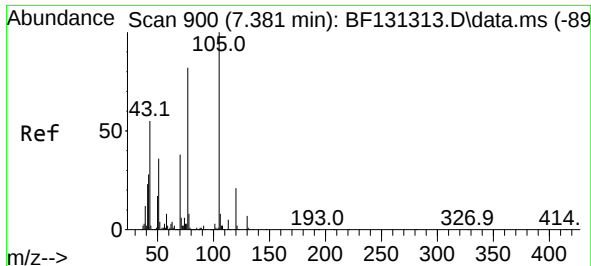
Tgt Ion: 70 Resp: 72147
Ion Ratio Lower Upper
70 100
42 50.8 57.6 86.4#
101 0.5 8.2 12.2#
130 2.6 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF131403.D
Acq: 25 Nov 2022 19:15

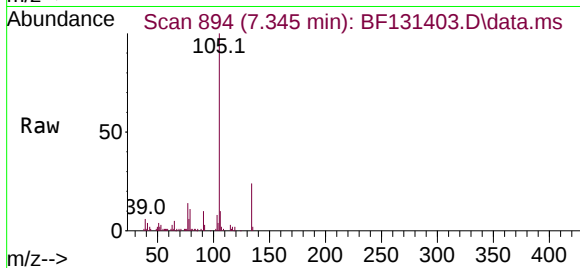
Tgt Ion: 136 Resp: 324786
Ion Ratio Lower Upper
136 100
137 10.1 9.0 13.6
54 9.2 9.4 14.0#
68 4.9 4.5 6.7



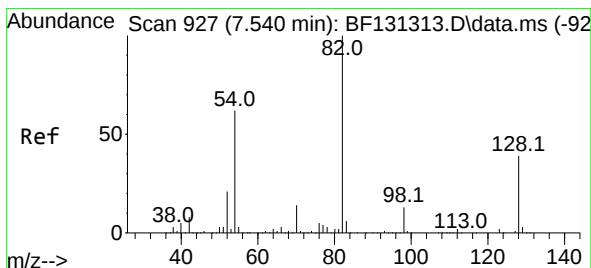
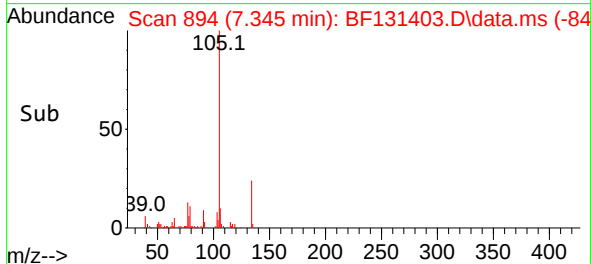
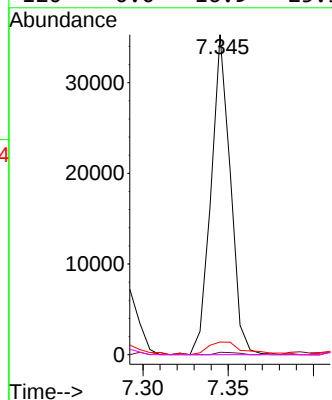


#22
Acetophenone
Concen: 3.346 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.029 min
Lab File: BF131403.D
Acq: 25 Nov 2022 19:15

Instrument :
BNA_F
ClientSampleId :

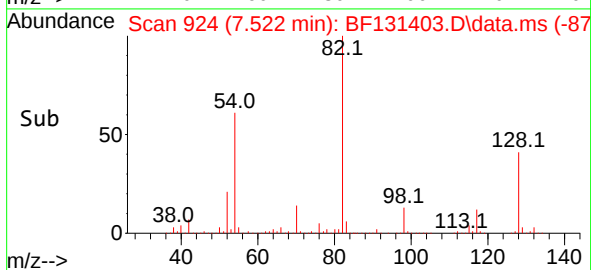
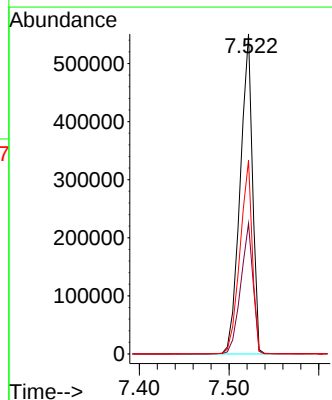
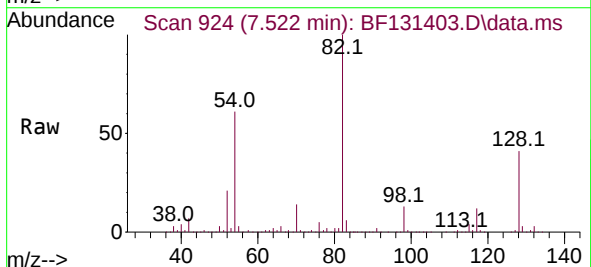


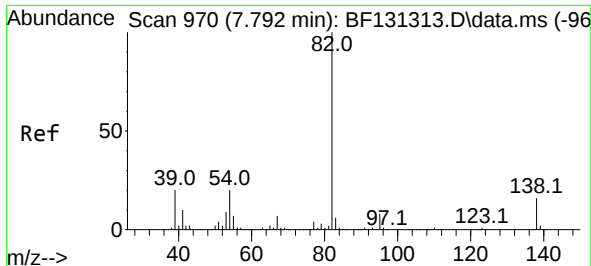
Tgt Ion:	105	Resp:	27664
Ion Ratio	Lower	Upper	
105	100		
71	0.8	4.9	7.3#
51	4.0	29.0	43.4#
120	0.0	16.9	25.3#



#23
Nitrobenzene-d5
Concen: 81.914 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.012 min
Lab File: BF131403.D
Acq: 25 Nov 2022 19:15

Tgt Ion:	82	Resp:	527776
Ion Ratio	Lower	Upper	
82	100		
128	40.8	31.4	47.0
54	60.5	49.8	74.6

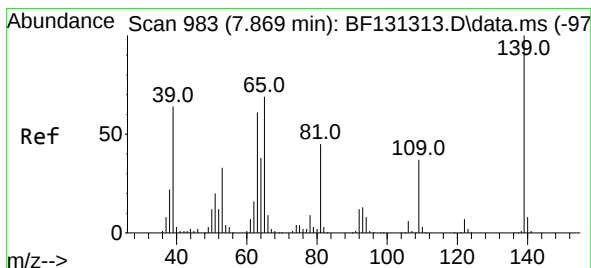
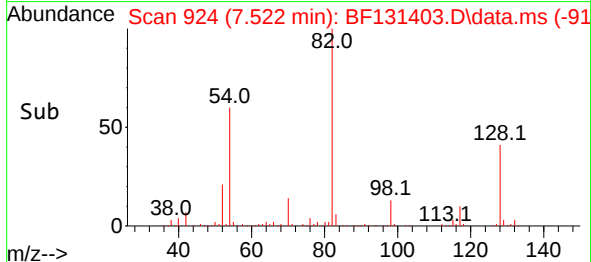
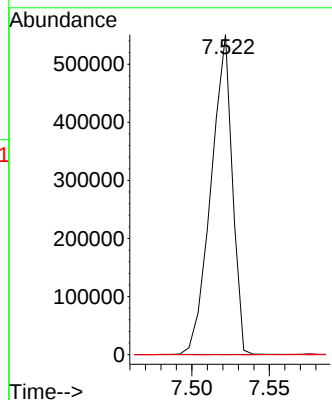
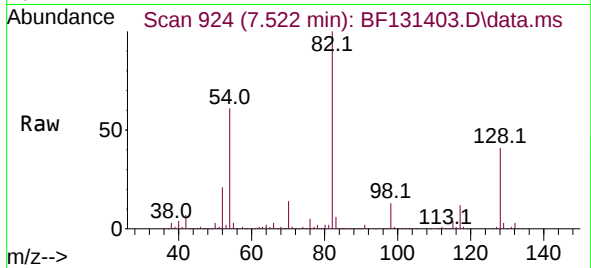




#25
Isophorone
Concen: 45.647 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131403.D
Acq: 25 Nov 2022 19:15

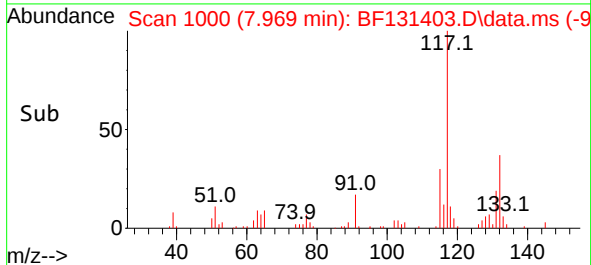
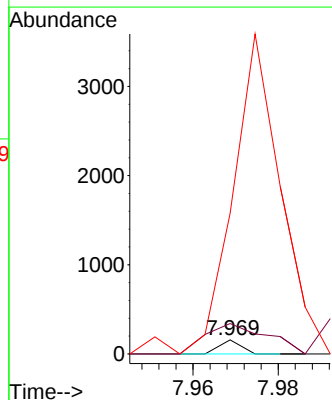
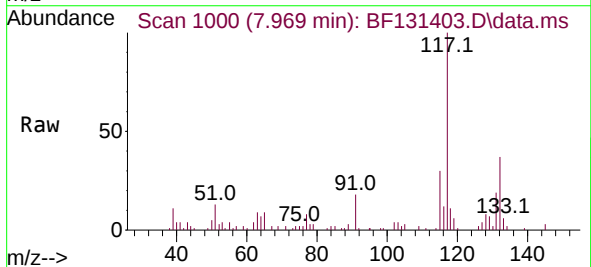
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BNA_F
ClientSampleId :

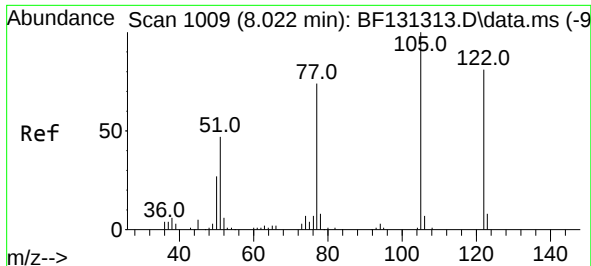
Tgt Ion: 82 Resp: 524715
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#26
2-Nitrophenol
Concen: 3.610 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.106 min
Lab File: BF131403.D
Acq: 25 Nov 2022 19:15

Tgt Ion: 139 Resp: 56
Ion Ratio Lower Upper
139 100
109 215.2 29.9 44.9#
65 998.7 55.7 83.5#





#32

Benzoic acid

Concen: 5.448 ng

RT: 7.904 min Scan# 91

Delta R.T. -0.106 min

Lab File: BF131403.D

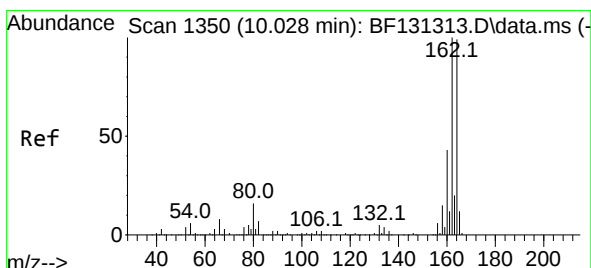
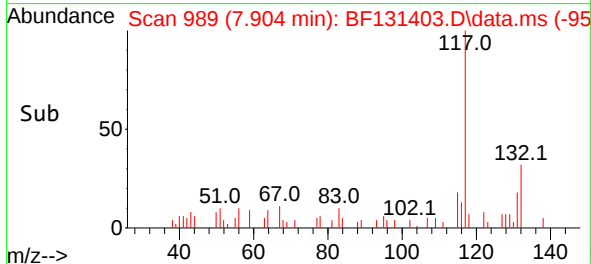
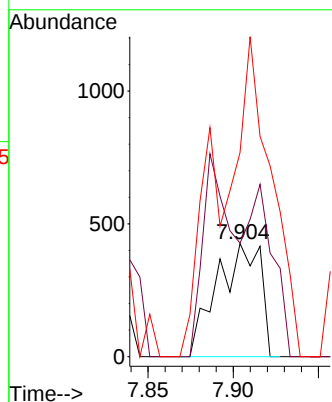
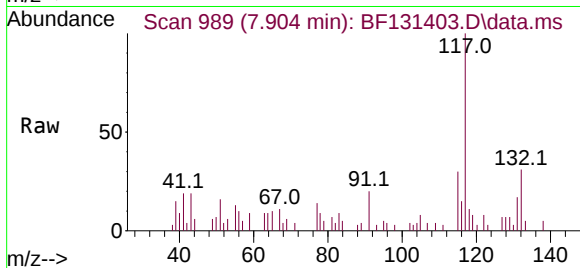
Acq: 25 Nov 2022 19:15

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:122	Resp:	757
Ion Ratio	Lower	Upper
122	100	
105	100.5	103.8 143.8#
77	180.5	74.3 114.3#



#39

Acenaphthene-d10

Concen: 20.000 ng

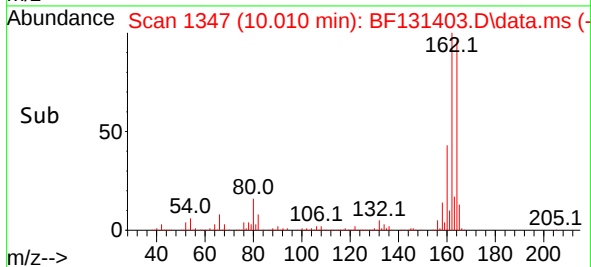
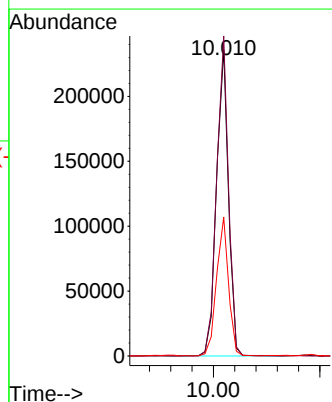
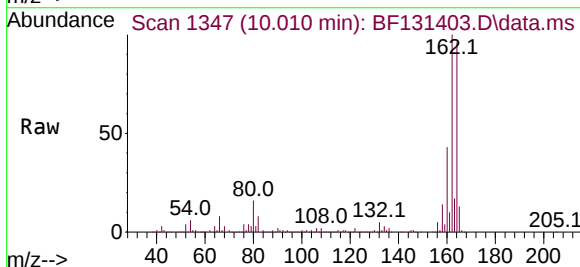
RT: 10.010 min Scan# 1347

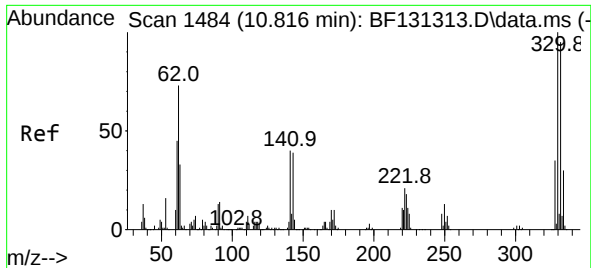
Delta R.T. -0.006 min

Lab File: BF131403.D

Acq: 25 Nov 2022 19:15

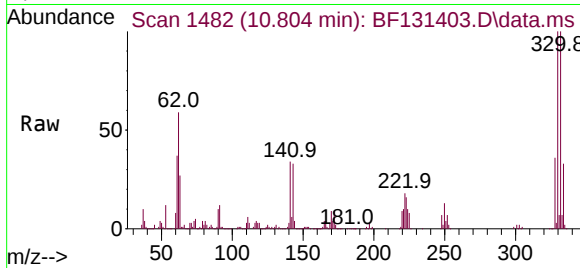
Tgt Ion:164	Resp:	183111
Ion Ratio	Lower	Upper
164	100	
162	104.4	80.6 120.8
160	45.3	34.4 51.6



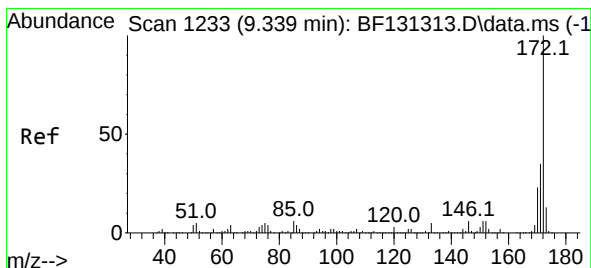
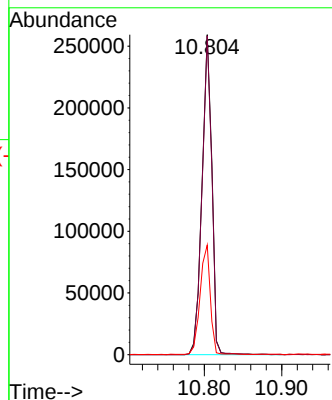
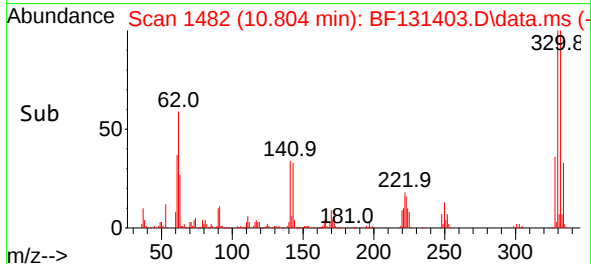


#42
 2,4,6-Tribromophenol
 Concen: 148.118 ng
 RT: 10.804 min Scan# 1482
 Delta R.T. -0.006 min
 Lab File: BF131403.D
 Acq: 25 Nov 2022 19:15

Instrument :
 BNA_F
 ClientSampleId :

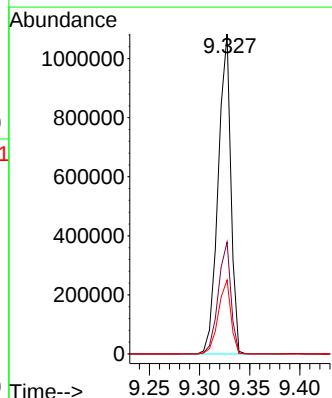
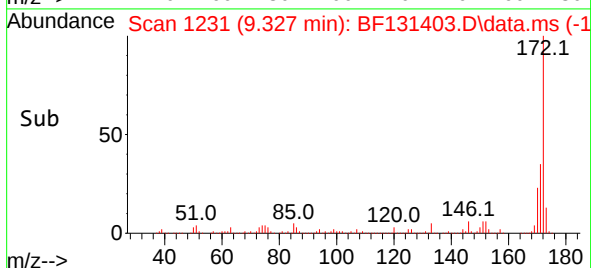
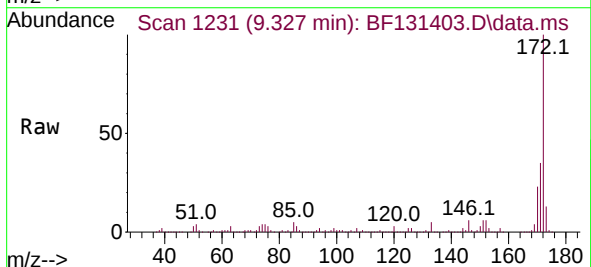


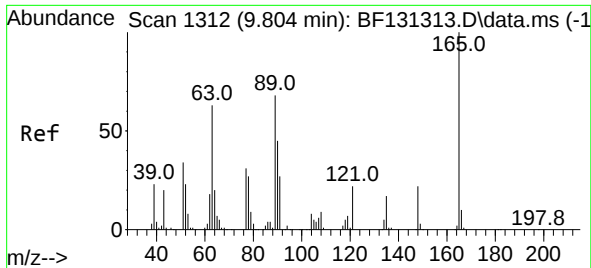
Tgt Ion:330 Resp: 228179
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.5 116.3
 141 35.9 29.3 43.9



#45
 2-Fluorobiphenyl
 Concen: 75.755 ng
 RT: 9.327 min Scan# 1231
 Delta R.T. -0.006 min
 Lab File: BF131403.D
 Acq: 25 Nov 2022 19:15

Tgt Ion:172 Resp: 953494
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.2 42.2
 170 23.1 18.7 28.1

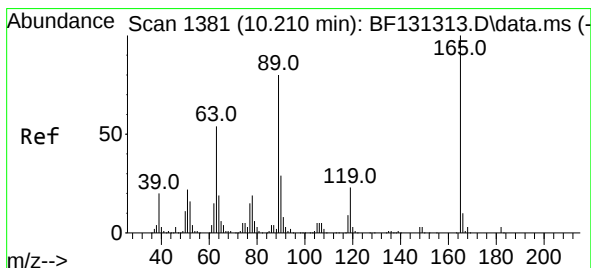
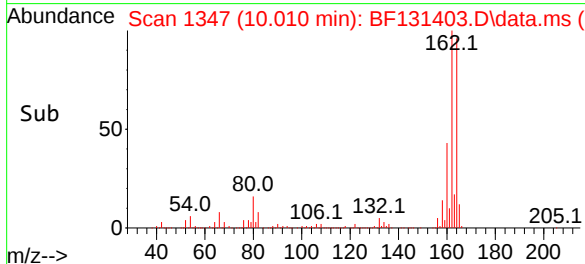
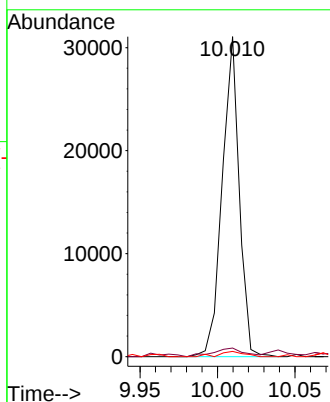
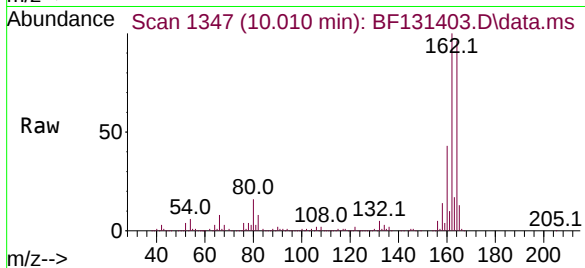




#51
2,6-Dinitrotoluene
Concen: 9.299 ng
RT: 10.010 min Scan# 1312
Delta R.T. 0.212 min
Lab File: BF131403.D
Acq: 25 Nov 2022 19:15

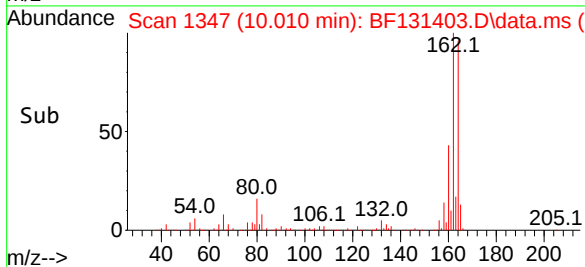
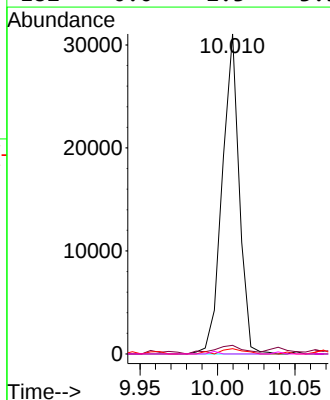
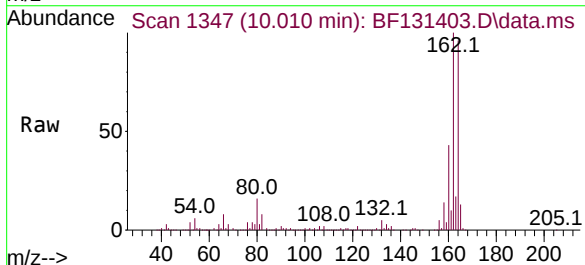
Instrument :
BNA_F
ClientSampleId :

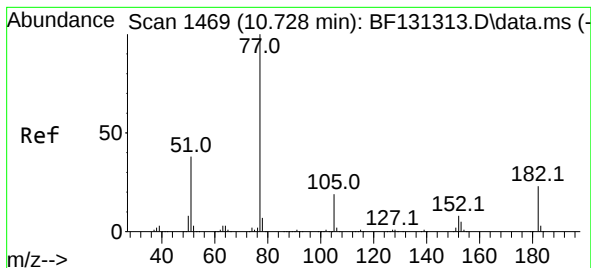
Tgt Ion:165 Resp: 23725
Ion Ratio Lower Upper
165 100
63 2.7 62.0 93.0#
89 1.6 54.4 81.6#



#57
2,4-Dinitrotoluene
Concen: 7.390 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.194 min
Lab File: BF131403.D
Acq: 25 Nov 2022 19:15

Tgt Ion:165 Resp: 23725
Ion Ratio Lower Upper
165 100
63 2.7 43.4 65.2#
89 1.6 64.0 96.0#
182 0.0 2.3 3.5#





#63

Azobenzene

Concen: 4.160 ng

RT: 10.727 min Scan# 1469

Delta R.T. 0.006 min

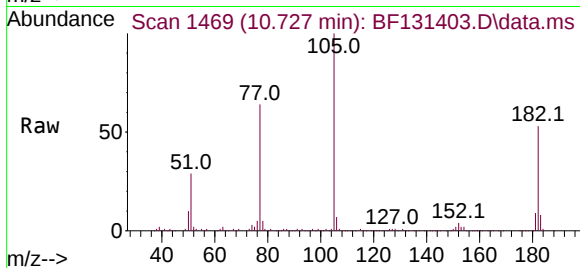
Lab File: BF131403.D

Acq: 25 Nov 2022 19:15

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 53889

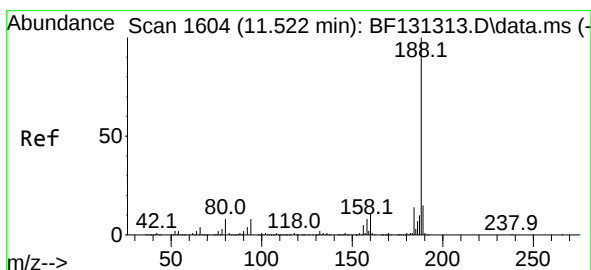
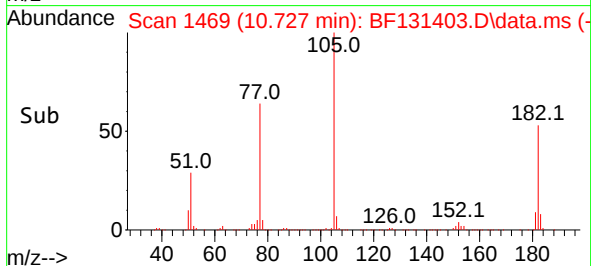
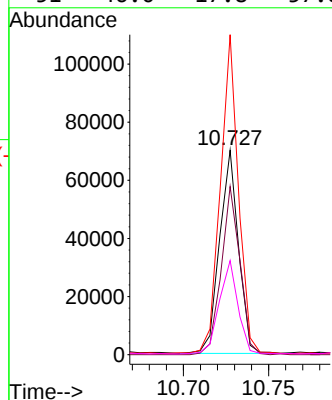
Ion Ratio Lower Upper

77 100

182 82.2 3.1 43.1#

105 156.5 0.0 39.2#

51 46.0 17.8 57.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1601

Delta R.T. -0.012 min

Lab File: BF131403.D

Acq: 25 Nov 2022 19:15

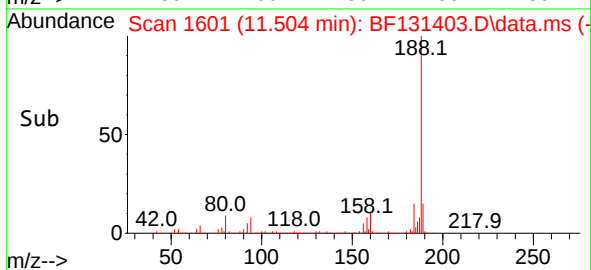
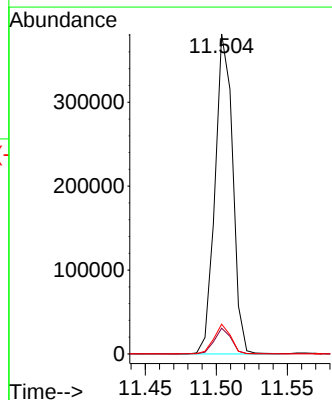
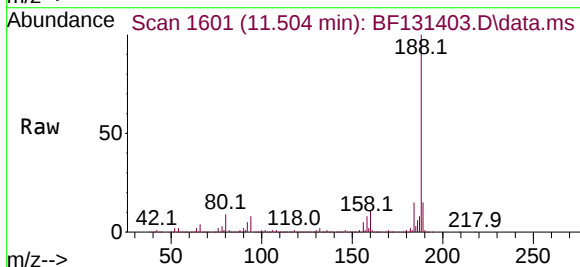
Tgt Ion: 188 Resp: 330364

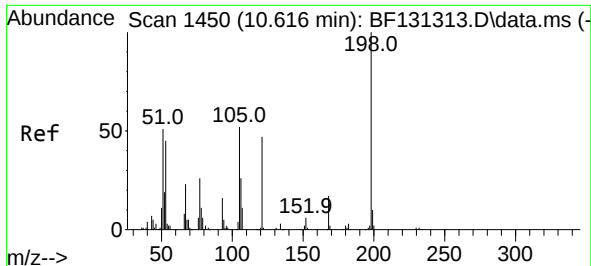
Ion Ratio Lower Upper

188 100

94 8.1 6.3 9.5

80 9.3 6.8 10.2

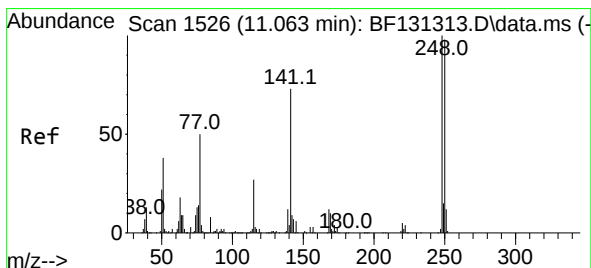
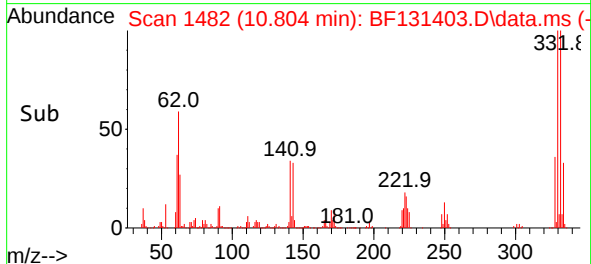
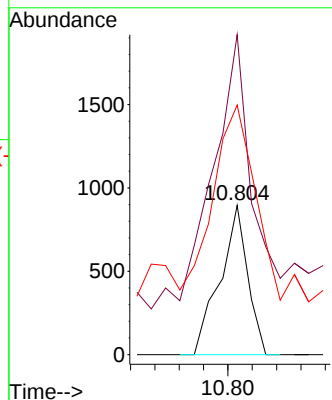
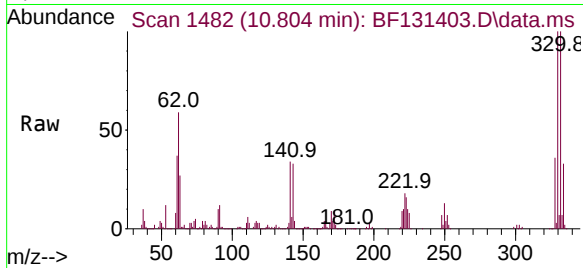




#65
4,6-Dinitro-2-methylphenol
Concen: 5.133 ng
RT: 10.804 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF131403.D
Acq: 25 Nov 2022 19:15

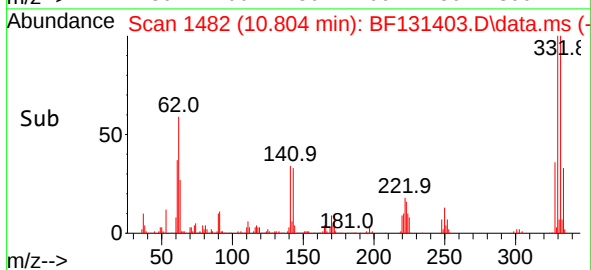
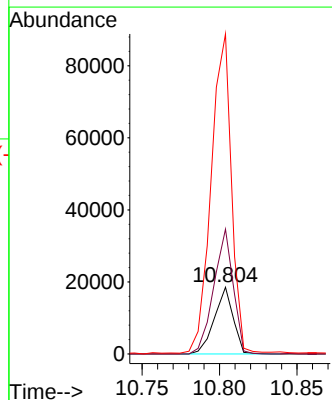
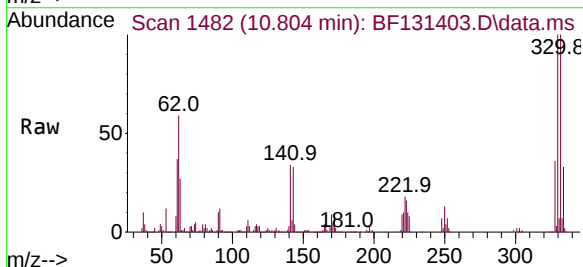
Instrument :
BNA_F
ClientSampleId :

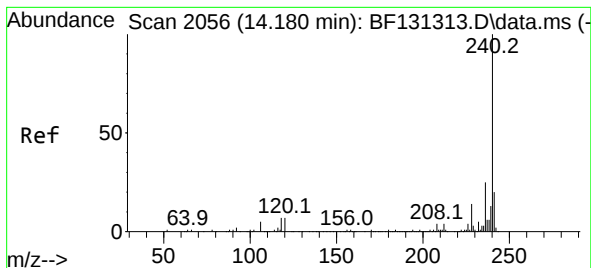
Tgt Ion:198 Resp: 707
Ion Ratio Lower Upper
198 100
51 214.4 50.1 90.1#
105 167.3 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 3.875 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.253 min
Lab File: BF131403.D
Acq: 25 Nov 2022 19:15

Tgt Ion:248 Resp: 15691
Ion Ratio Lower Upper
248 100
250 187.2 78.3 117.5#
141 480.1 58.0 87.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.162 min Scan# 2053

Delta R.T. -0.012 min

Lab File: BF131403.D

Acq: 25 Nov 2022 19:15

Instrument :

BNA_F

ClientSampleId :

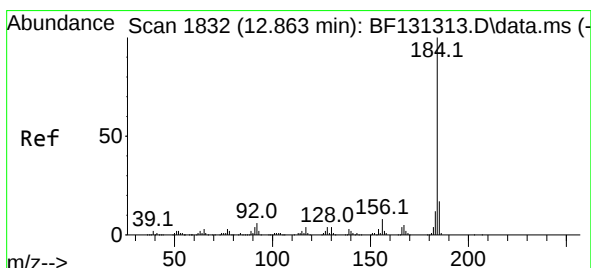
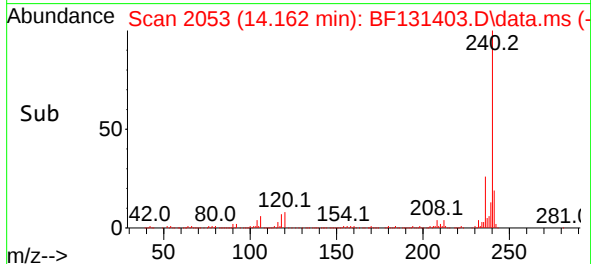
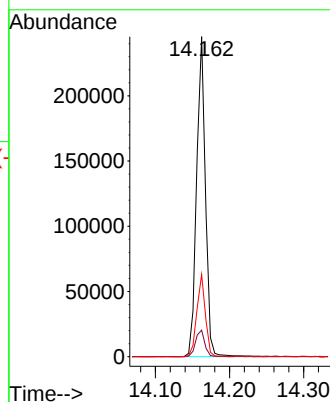
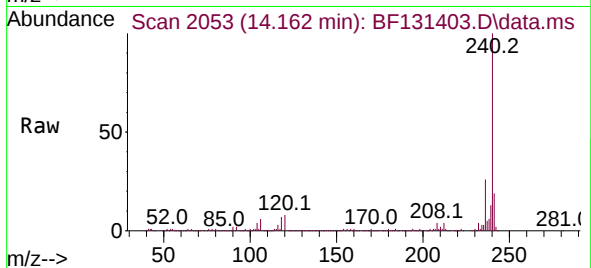
Tgt Ion:240 Resp: 203061

Ion Ratio Lower Upper

240 100

120 8.3 5.8 8.8

236 25.7 20.3 30.5



#77

Benzidine

Concen: 3.957 ng

RT: 13.104 min Scan# 1873

Delta R.T. 0.247 min

Lab File: BF131403.D

Acq: 25 Nov 2022 19:15

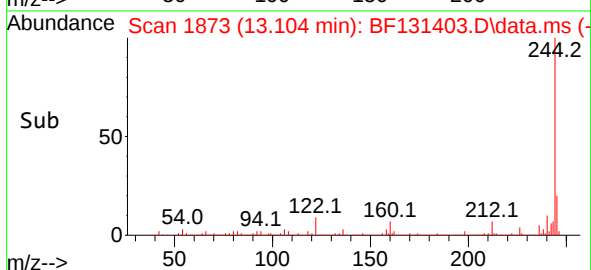
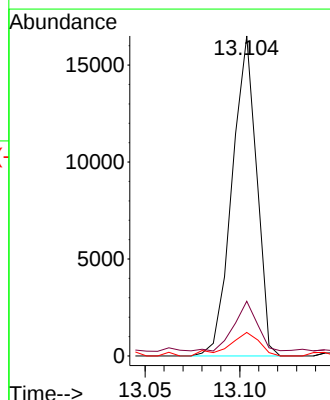
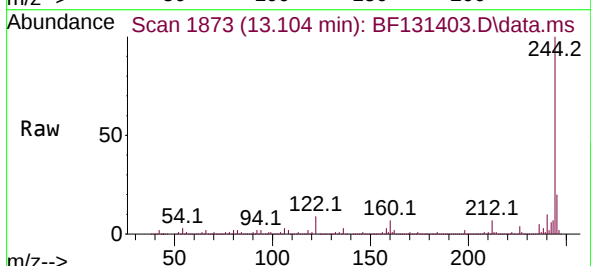
Tgt Ion:184 Resp: 14842

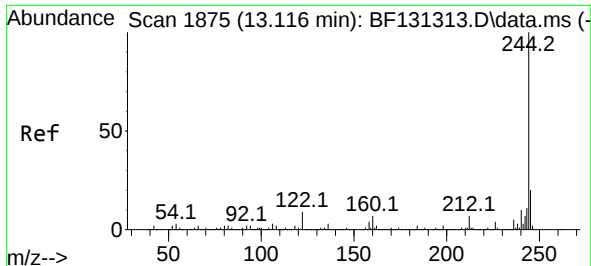
Ion Ratio Lower Upper

184 100

185 17.1 13.8 20.8

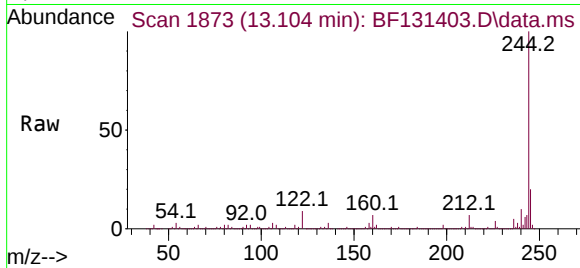
183 7.4 9.6 14.4#



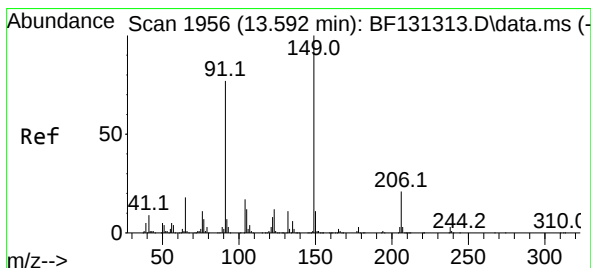
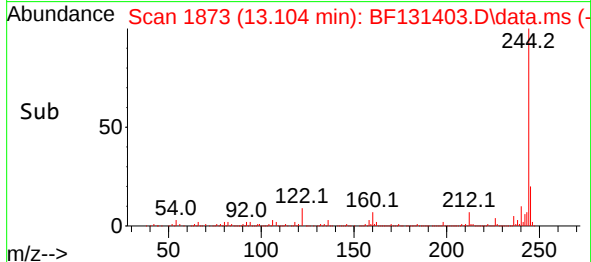
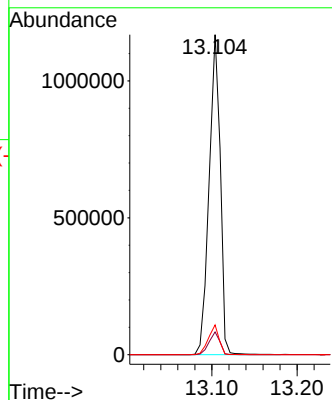


#79
 Terphenyl-d14
 Concen: 85.509 ng
 RT: 13.104 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF131403.D
 Acq: 25 Nov 2022 19:15

Instrument :
 BNA_F
 ClientSampleId :

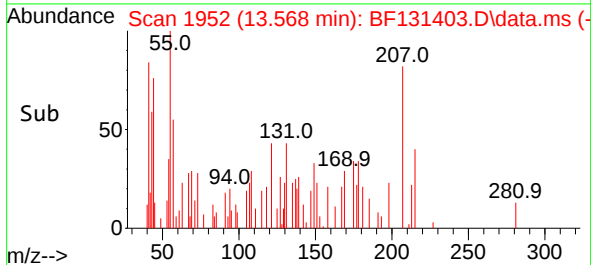
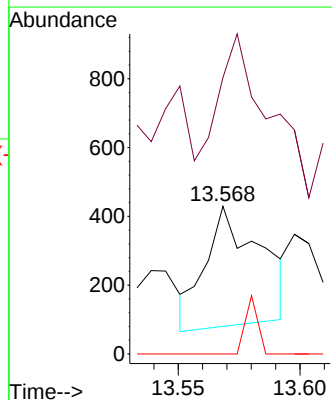
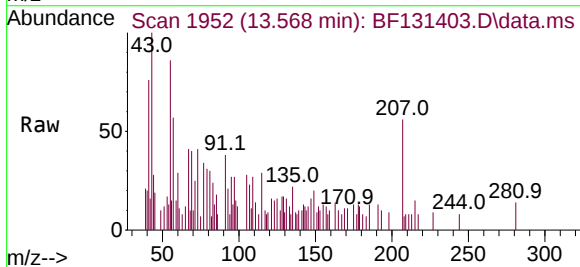


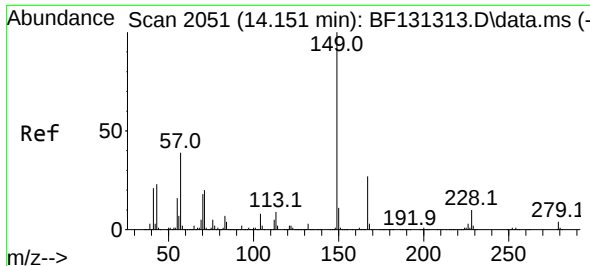
Tgt Ion:244 Resp: 1061823
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.3 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.226 ng
 RT: 13.568 min Scan# 1952
 Delta R.T. -0.018 min
 Lab File: BF131403.D
 Acq: 25 Nov 2022 19:15

Tgt Ion:149 Resp: 543
 Ion Ratio Lower Upper
 149 100
 91 187.2 61.9 92.9#
 206 0.0 16.5 24.7#

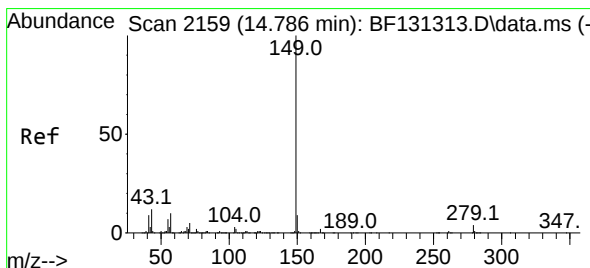
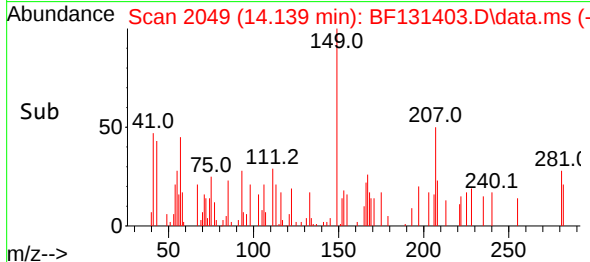
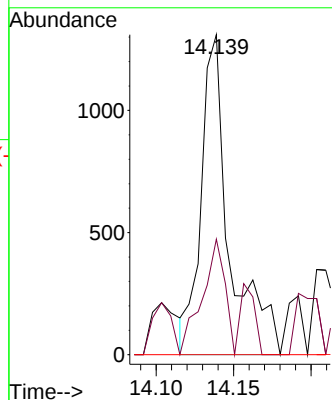
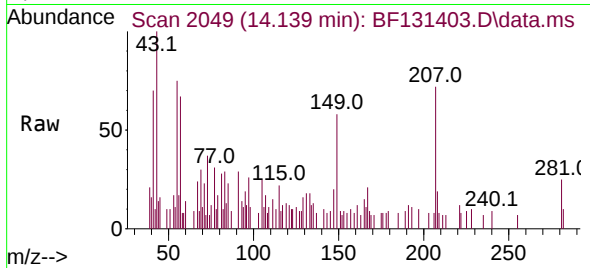




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.941 ng
 RT: 14.139 min Scan# 2049
 Delta R.T. -0.006 min
 Lab File: BF131403.D
 Acq: 25 Nov 2022 19:15

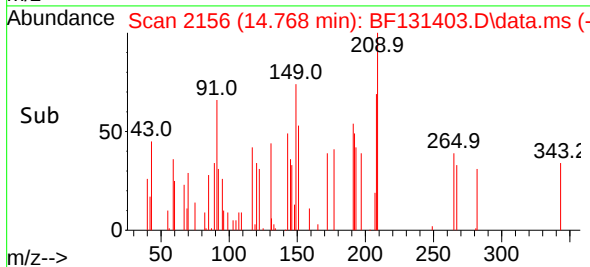
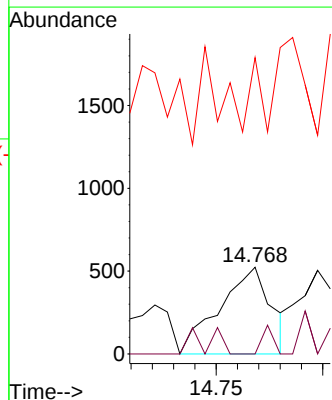
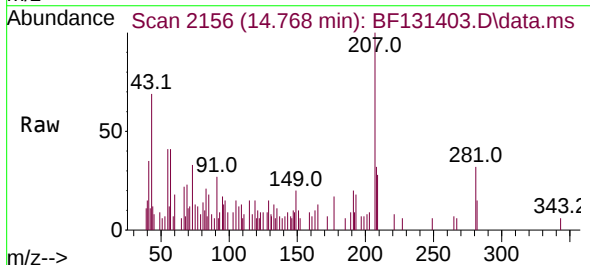
Instrument :
 BNA_F
 ClientSampleId :

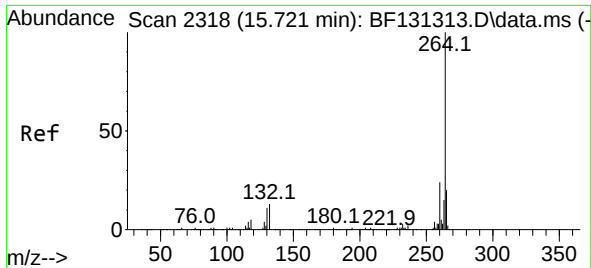
Tgt Ion:149 Resp: 1664
 Ion Ratio Lower Upper
 149 100
 167 36.1 21.9 32.9#
 279 0.0 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 3.990 ng
 RT: 14.768 min Scan# 2156
 Delta R.T. -0.006 min
 Lab File: BF131403.D
 Acq: 25 Nov 2022 19:15

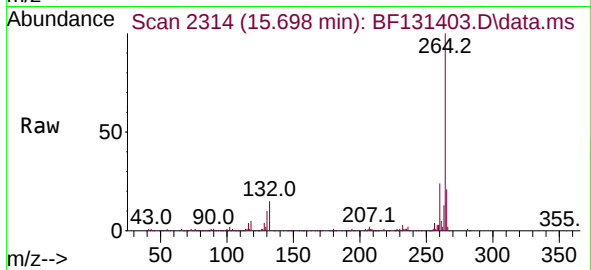
Tgt Ion:149 Resp: 879
 Ion Ratio Lower Upper
 149 100
 167 6.9 1.2 1.8#
 43 0.0 10.7 16.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.698 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF131403.D
 Acq: 25 Nov 2022 19:15

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 176897
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 20.9 16.4 24.6

