

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063021\
 Data File : BF124499.D
 Acq On : 30 Jun 2021 18:48
 Operator : JU/CG
 Sample : M2893-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BULL-WASTE-YELLOW-CAN

Quant Time: Jul 01 05:15:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 29 12:49:33 2021
 Response via : Initial Calibration

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

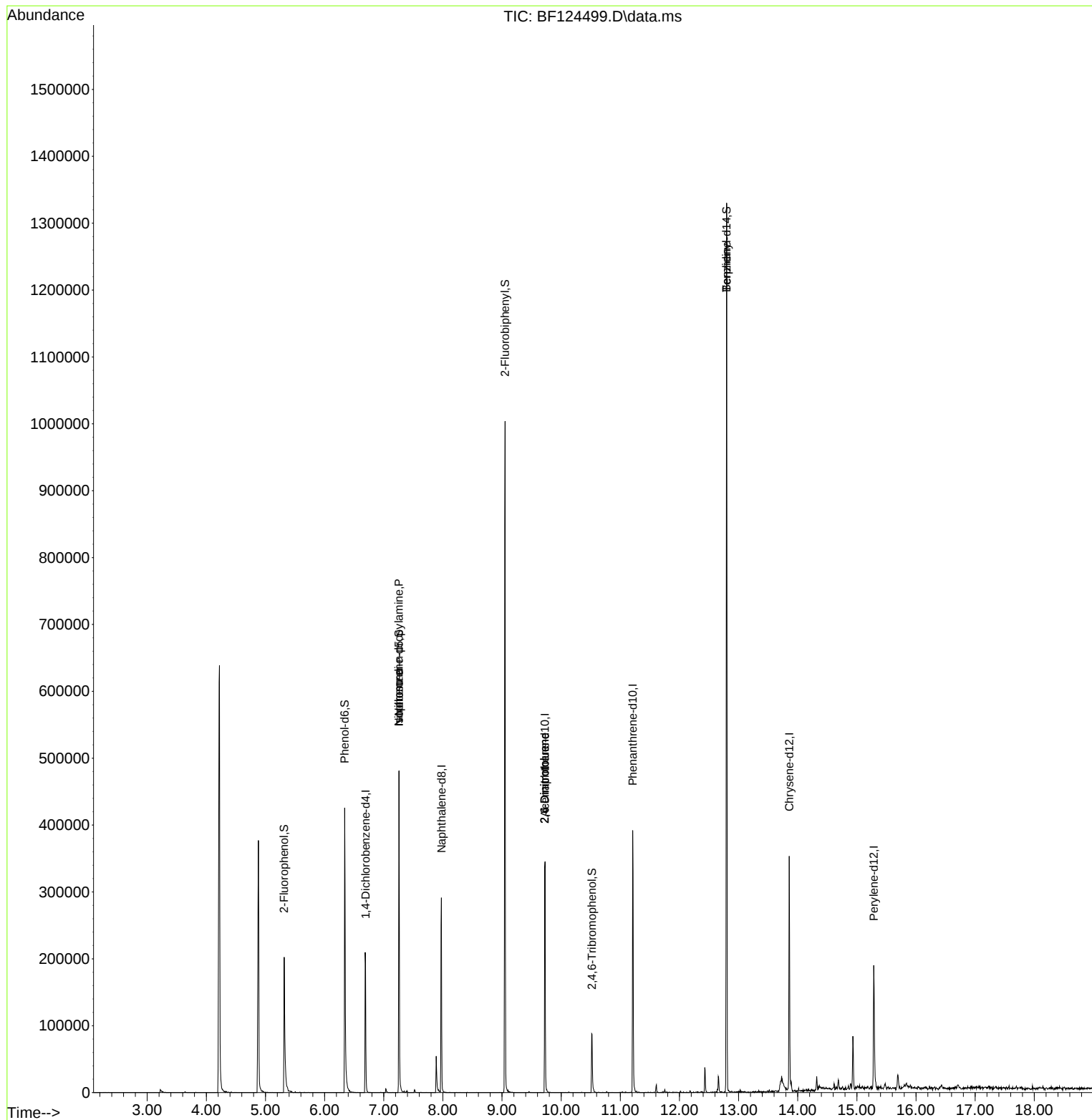
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	31208	20.00	ng	0.00
21) Naphthalene-d8	7.975	136	119952	20.00	ng	# 0.00
39) Acenaphthene-d10	9.728	164	71910	20.00	ng	0.00
64) Phenanthrene-d10	11.210	188	142115	20.00	ng	0.00
76) Chrysene-d12	13.857	240	111795	20.00	ng	0.00
86) Perylene-d12	15.286	264	76546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	59356	29.91	ng	0.00
7) Phenol-d6	6.340	99	127775	49.32	ng	-0.01
23) Nitrobenzene-d5	7.257	82	133923	46.29	ng	0.00
42) 2,4,6-Tribromophenol	10.522	330	12809	14.91	ng	0.00
45) 2-Fluorobiphenyl	9.051	172	284628	48.49	ng	0.00
79) Terphenyl-d14	12.798	244	385534	51.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.257	70	18208	10.45	ng	# 65
25) Isophorone	7.257	82	133921	26.92	ng	# 69
51) 2,6-Dinitrotoluene	9.722	165	10335	7.89	ng	# 11
57) 2,4-Dinitrotoluene	9.722	165	10335	5.95	ng	# 17
77) Benzidine	12.798	184	5676	2.53	ng	# 84

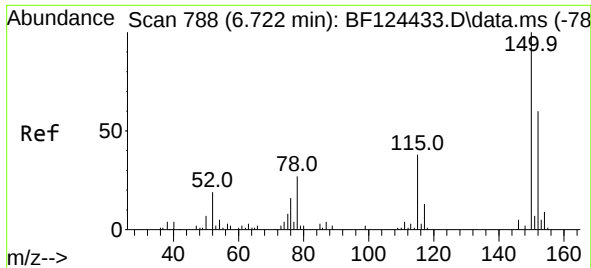
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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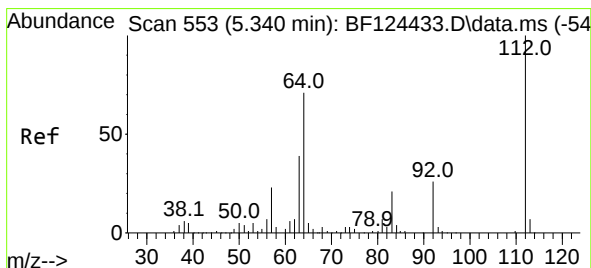
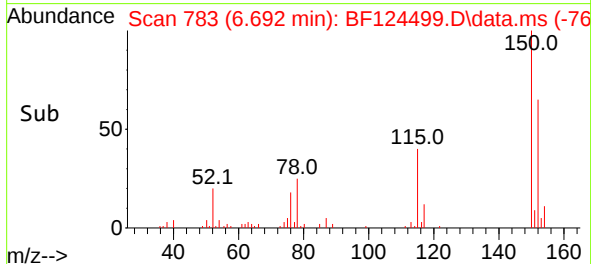
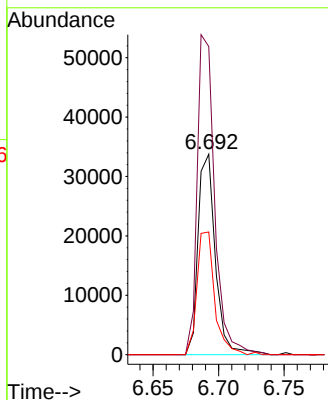
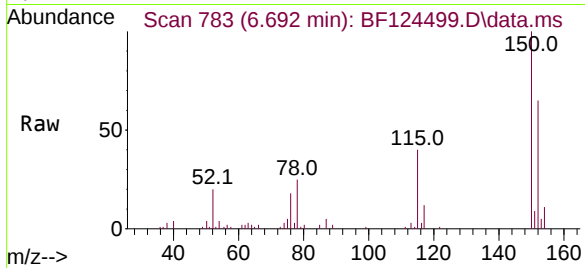




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.692 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF124499.D
Acq: 30 Jun 2021 18:48

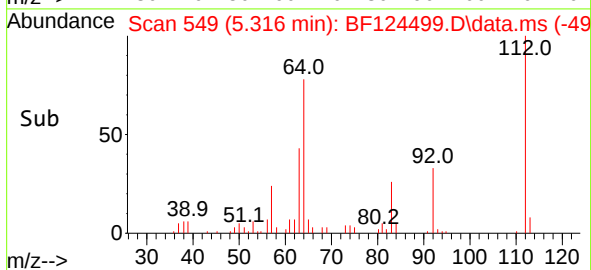
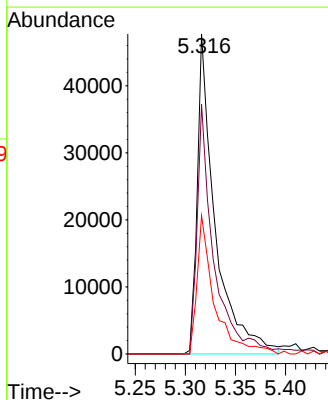
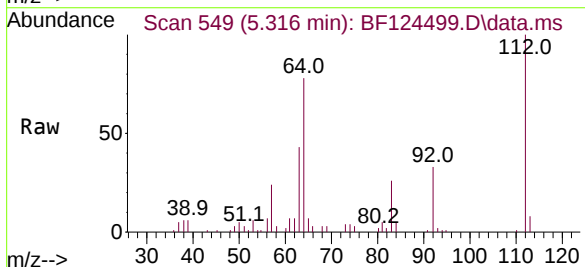
Instrument :
BNA_F
ClientSampleId :
BULL-WASTE-YELLOW-CAN

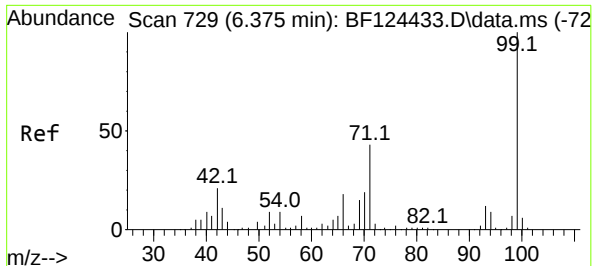
Tgt Ion:152 Resp: 31208
Ion Ratio Lower Upper
152 100
150 153.7 127.0 190.6
115 61.2 54.3 81.5



#5
2-Fluorophenol
Concen: 29.91 ng
RT: 5.316 min Scan# 549
Delta R.T. 0.006 min
Lab File: BF124499.D
Acq: 30 Jun 2021 18:48

Tgt Ion:112 Resp: 59356
Ion Ratio Lower Upper
112 100
64 78.0 61.4 92.0
63 43.2 33.0 49.4

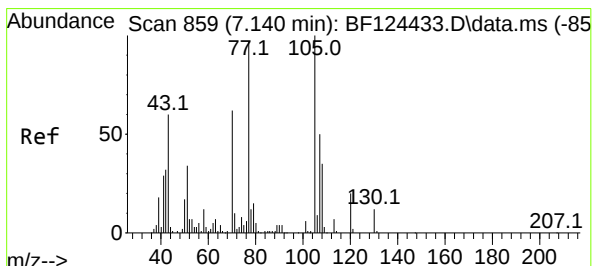
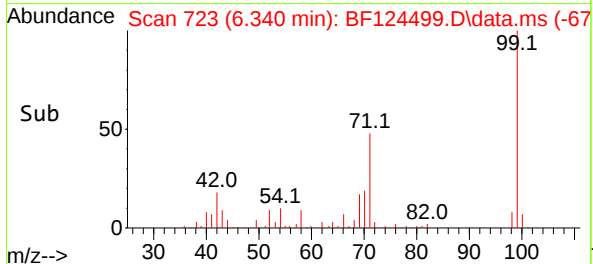
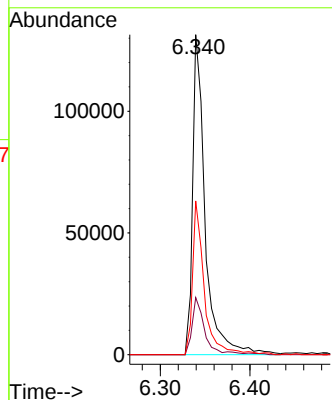
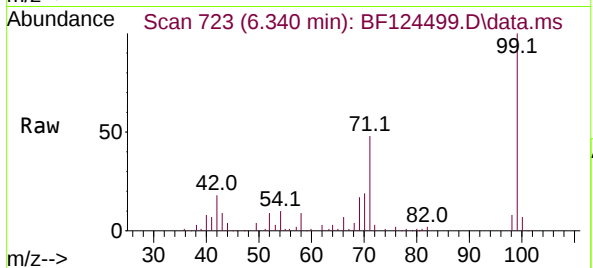




#7
Phenol-d6
Concen: 49.32 ng
RT: 6.340 min Scan# 723
Delta R.T. -0.012 min
Lab File: BF124499.D
Acq: 30 Jun 2021 18:48

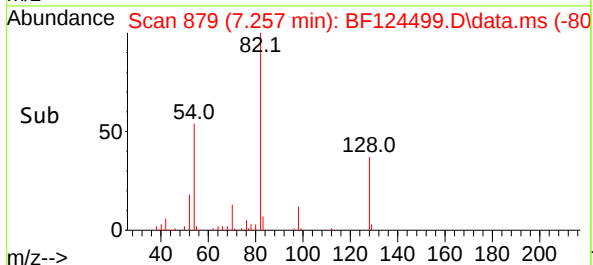
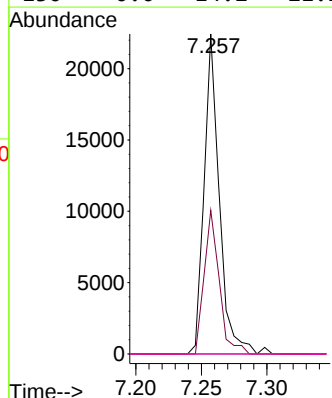
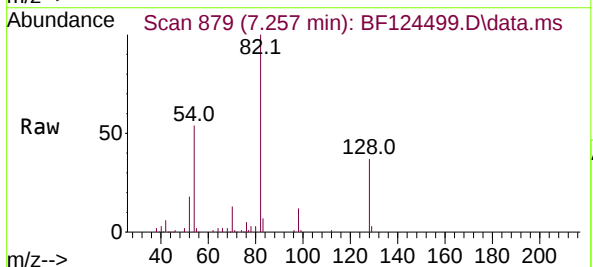
Instrument :
BNA_F
ClientSampleId :
BULL-WASTE-YELLOW-CAN

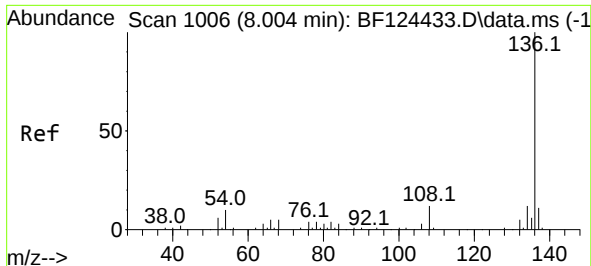
Tgt Ion: 99 Resp: 127775
Ion Ratio Lower Upper
99 100
42 17.8 19.8 29.8#
71 48.0 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 10.45 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.141 min
Lab File: BF124499.D
Acq: 30 Jun 2021 18:48

Tgt Ion: 70 Resp: 18208
Ion Ratio Lower Upper
70 100
42 44.9 60.1 90.1#
101 0.0 7.4 11.2#
130 0.0 14.2 21.2#

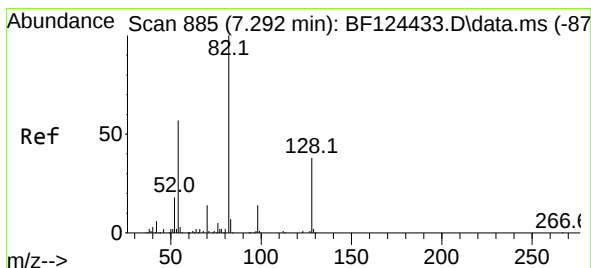
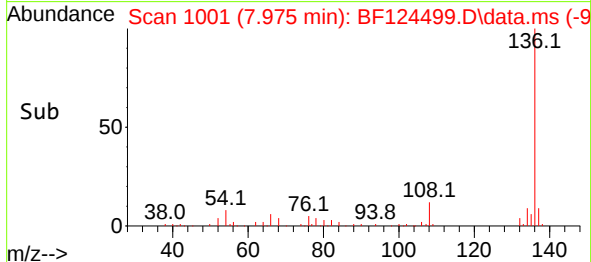
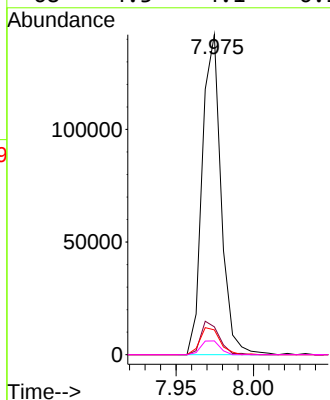
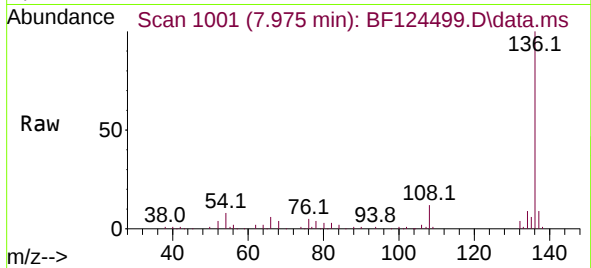




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF124499.D
Acq: 30 Jun 2021 18:48

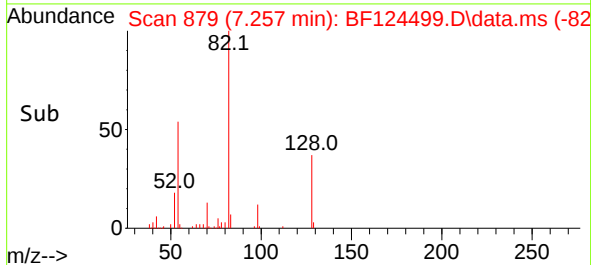
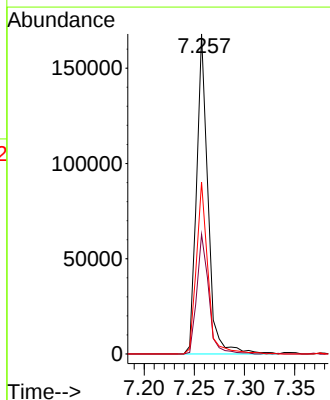
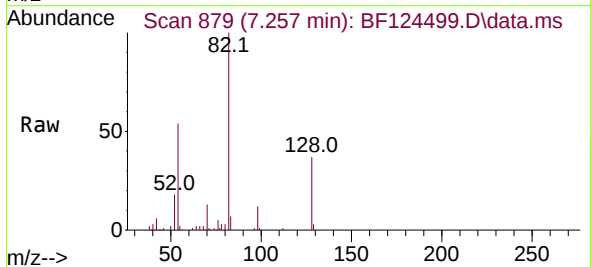
Instrument :
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ClientSampleId :
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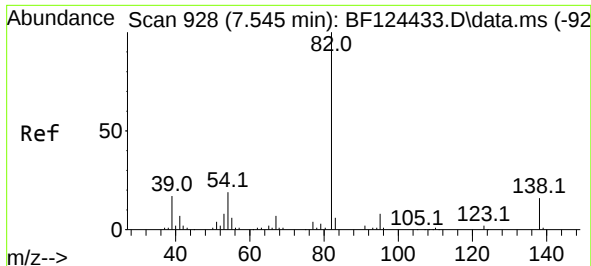
Tgt Ion:136	Resp: 119952
Ion Ratio	Lower Upper
136 100	
137 8.7	8.7 13.1#
54 7.8	9.8 14.6#
68 4.3	4.1 6.1



#23
Nitrobenzene-d5
Concen: 46.29 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF124499.D
Acq: 30 Jun 2021 18:48

Tgt Ion: 82	Resp: 133923
Ion Ratio	Lower Upper
82 100	
128 37.4	29.4 44.2
54 53.7	54.1 81.1#

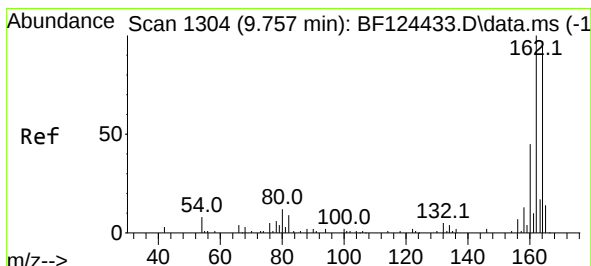
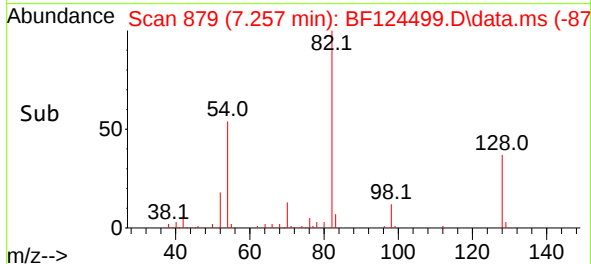
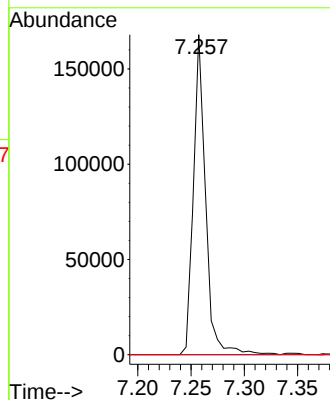
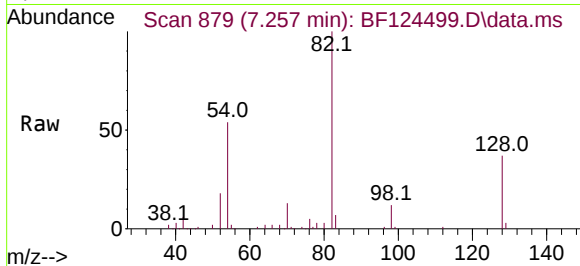




#25
Isophorone
Concen: 26.92 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.265 min
Lab File: BF124499.D
Acq: 30 Jun 2021 18:48

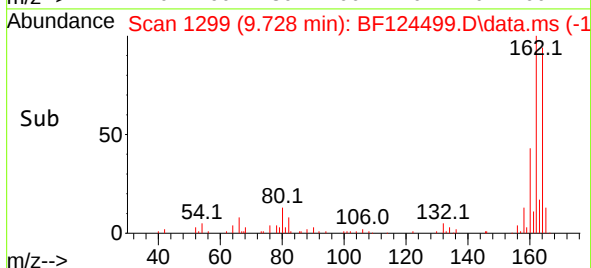
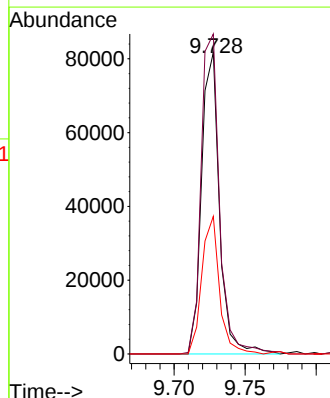
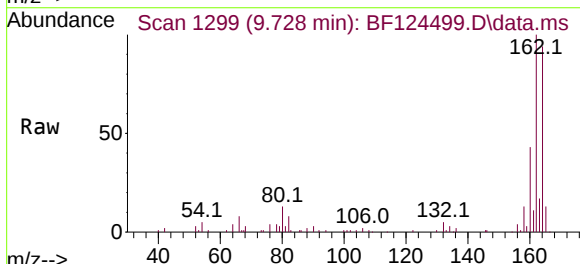
Instrument :
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ClientSampleId :
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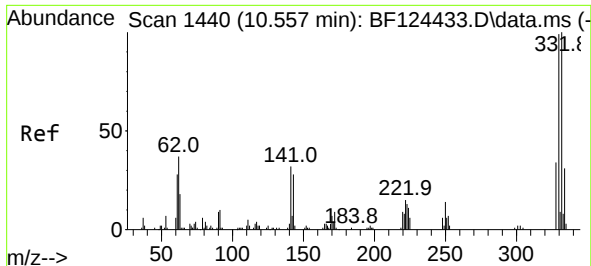
Tgt Ion: 82 Resp: 133921
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF124499.D
Acq: 30 Jun 2021 18:48

Tgt Ion: 164 Resp: 71910
Ion Ratio Lower Upper
164 100
162 106.2 80.7 121.1
160 45.7 37.3 55.9

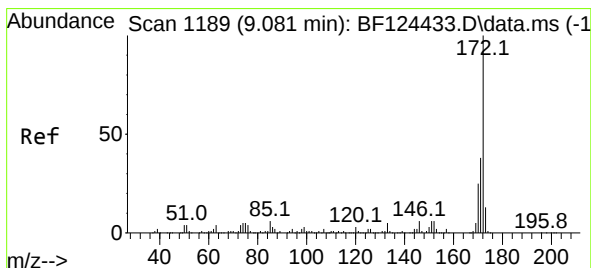
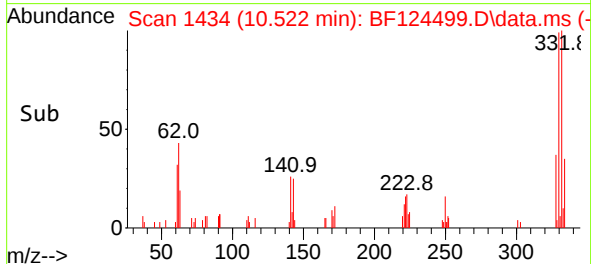
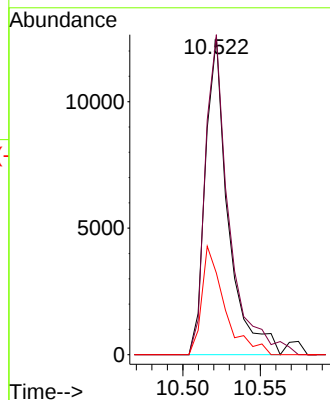
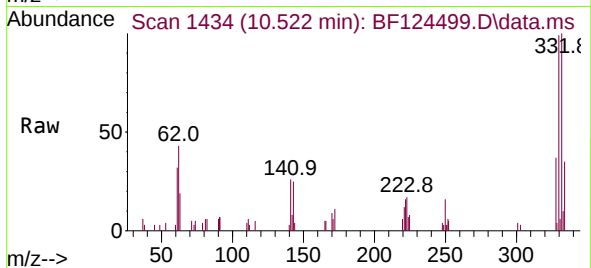




#42
2,4,6-Tribromophenol
Concen: 14.91 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF124499.D
Acq: 30 Jun 2021 18:48

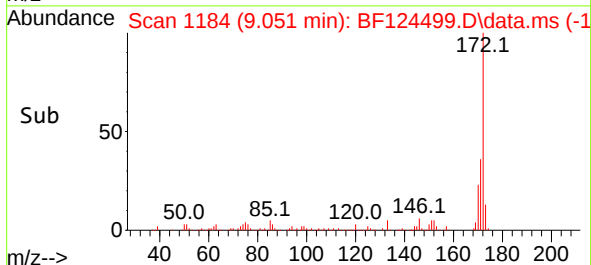
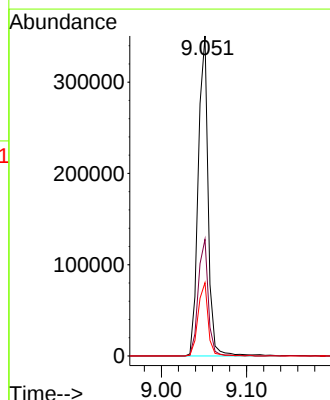
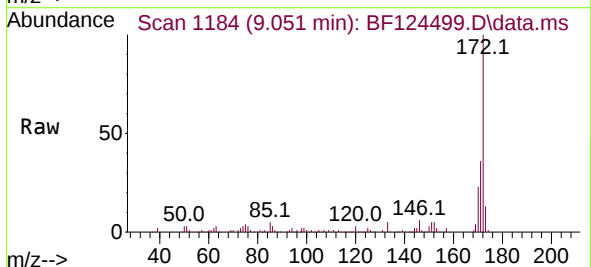
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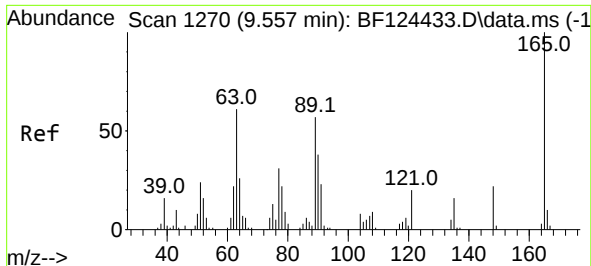
Tgt Ion: 330 Resp: 12809
Ion Ratio Lower Upper
330 100
332 104.8 77.1 115.7
141 34.2 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 48.49 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF124499.D
Acq: 30 Jun 2021 18:48

Tgt Ion: 172 Resp: 284628
Ion Ratio Lower Upper
172 100
171 36.4 28.1 42.1
170 22.9 19.2 28.8

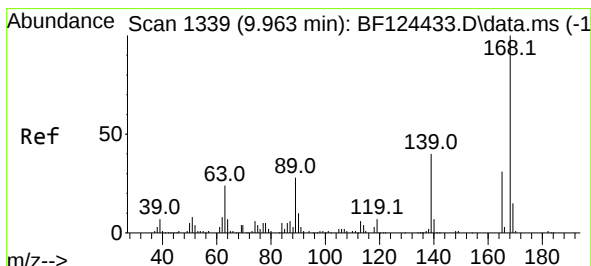
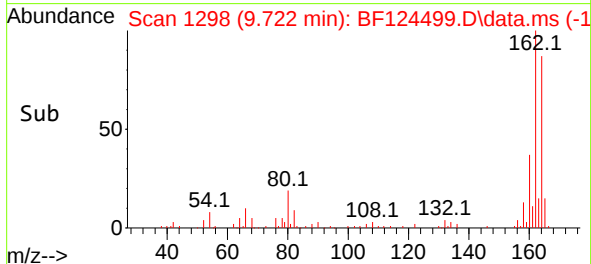
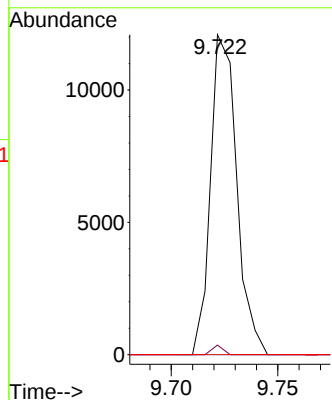
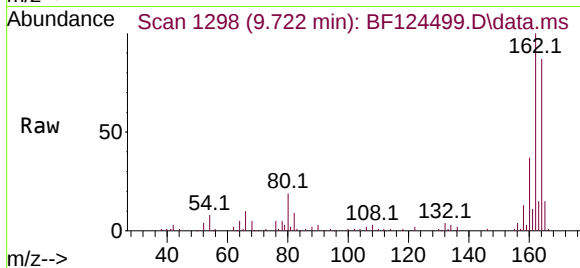




#51
2,6-Dinitrotoluene
Concen: 7.89 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.194 min
Lab File: BF124499.D
Acq: 30 Jun 2021 18:48

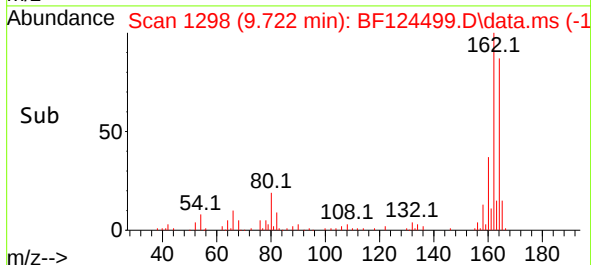
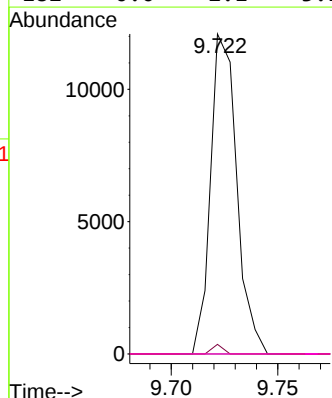
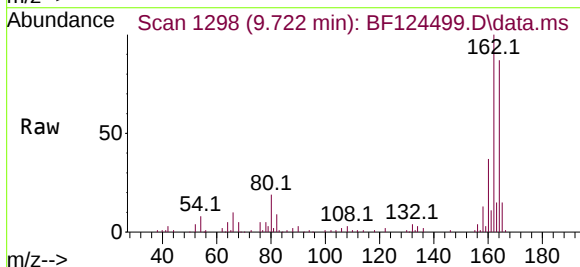
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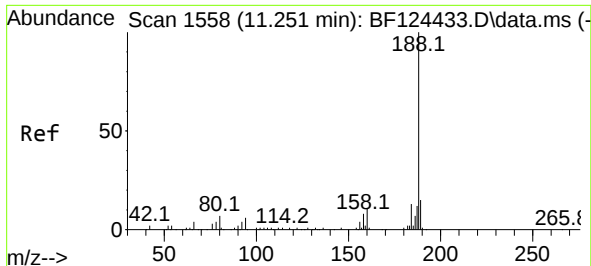
Tgt Ion:165 Resp: 10335
Ion Ratio Lower Upper
165 100
63 3.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.212 min
Lab File: BF124499.D
Acq: 30 Jun 2021 18:48

Tgt Ion:165 Resp: 10335
Ion Ratio Lower Upper
165 100
63 3.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

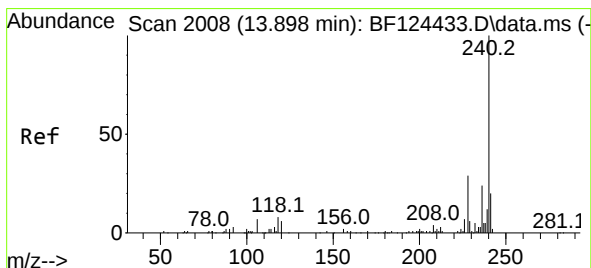
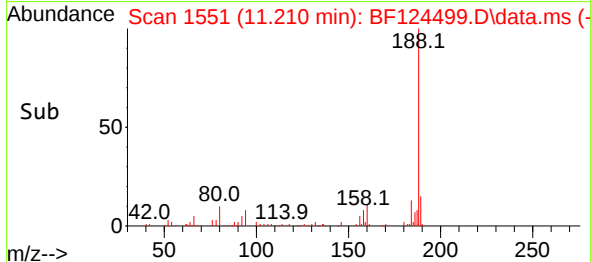
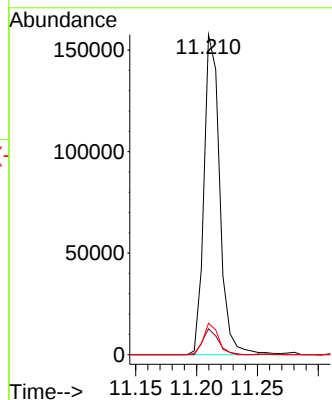
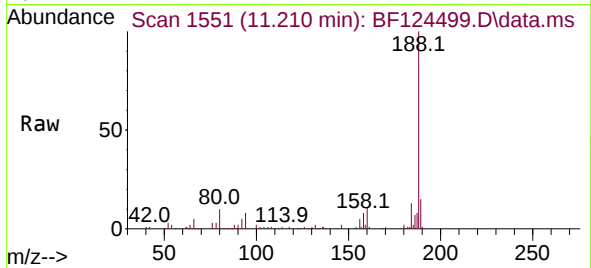




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF124499.D
Acq: 30 Jun 2021 18:48

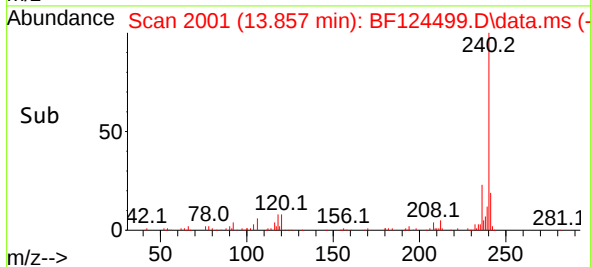
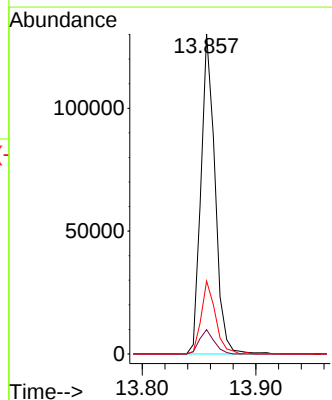
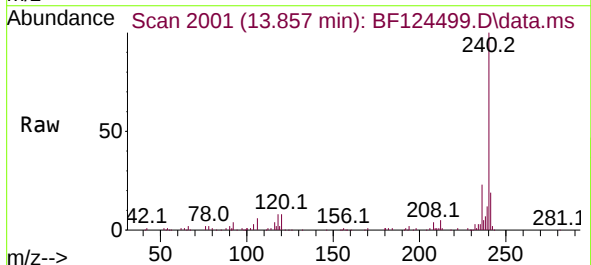
Instrument :
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BULL-WASTE-YELLOW-CAN

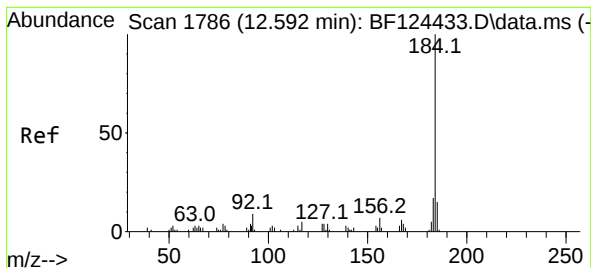
Tgt Ion:188 Resp: 142115
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.9 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.857 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BF124499.D
Acq: 30 Jun 2021 18:48

Tgt Ion:240 Resp: 111795
Ion Ratio Lower Upper
240 100
120 7.6 7.2 10.8
236 22.8 19.0 28.4





#77

Benzidine

Concen: 2.53 ng

RT: 12.798 min Scan# 1821

Delta R.T. 0.247 min

Lab File: BF124499.D

Acq: 30 Jun 2021 18:48

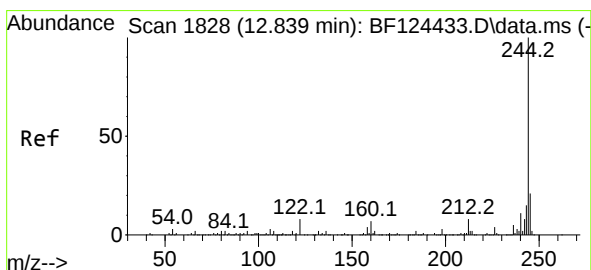
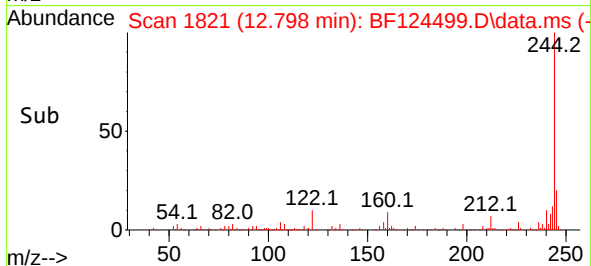
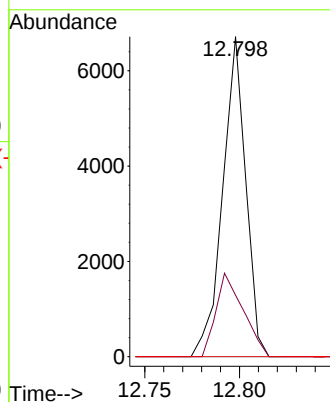
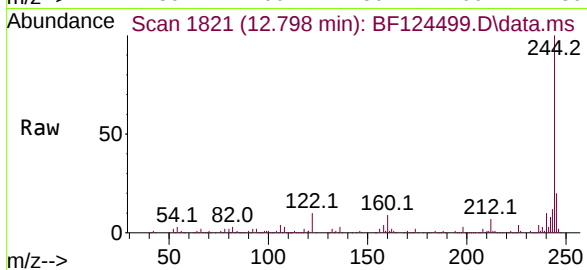
Tgt Ion:184	Resp:	5676
Ion Ratio	Lower	Upper
184	100	
185	19.2	12.1 18.1#
183	0.0	7.8 11.8#

Instrument :

BNA_F

ClientSampleId :

BULL-WASTE-YELLOW-CAN



#79

Terphenyl-d14

Concen: 51.65 ng

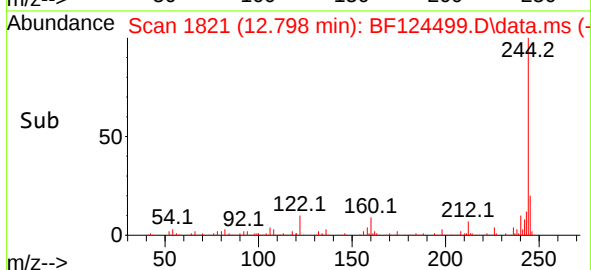
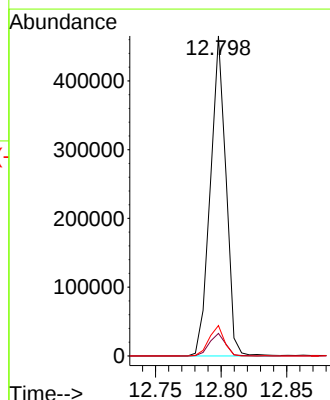
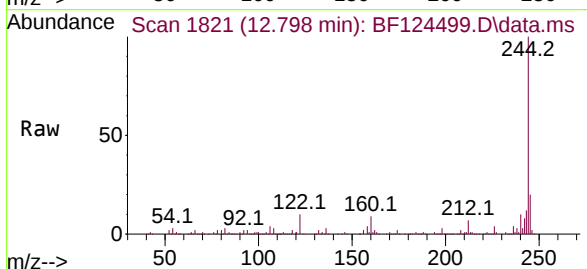
RT: 12.798 min Scan# 1821

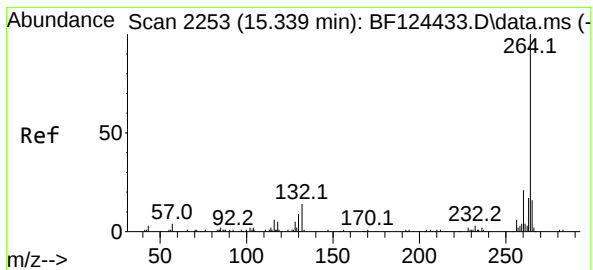
Delta R.T. 0.000 min

Lab File: BF124499.D

Acq: 30 Jun 2021 18:48

Tgt Ion:244	Resp:	385534
Ion Ratio	Lower	Upper
244	100	
212	7.0	5.7 8.5
122	9.5	9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.286 min Scan# 2244
 Delta R.T. 0.000 min
 Lab File: BF124499.D
 Acq: 30 Jun 2021 18:48

Instrument :
 BNA_F
 ClientSampleId :
 BULL-WASTE-YELLOW-CAN

Tgt Ion:264	Resp:	76546
Ion Ratio	Lower	Upper
264	100	
260	23.0	18.7 28.1
265	21.8	17.8 26.8

