

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133327.D
 Acq On : 10 May 2023 13:19
 Operator : CG\JU
 Sample : PB152561TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152561TB

Quant Time: May 10 13:52:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

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

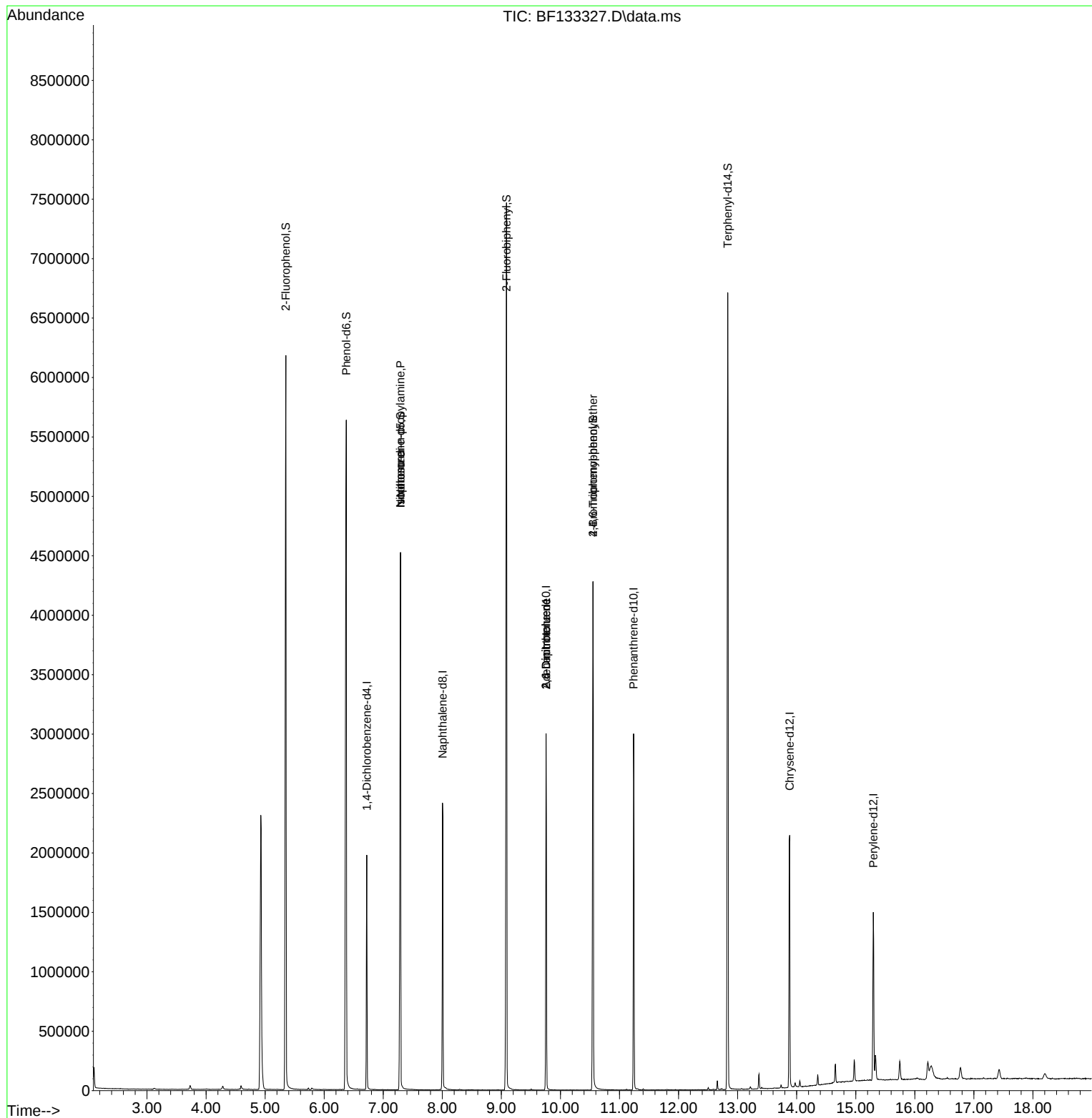
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	266463	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	1126573	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	599363	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	1086267	20.000	ng	0.00
76) Chrysene-d12	13.880	240	728275	20.000	ng	0.00
86) Perylene-d12	15.298	264	608597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	2025010	114.800	ng	0.02
7) Phenol-d6	6.375	99	2469003	112.770	ng	0.00
23) Nitrobenzene-d5	7.292	82	1527850	73.203	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	633121	105.035	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2536470	70.800	ng	0.00
79) Terphenyl-d14	12.833	244	2922200	69.202	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.375	77	3715	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.292	70	201387	14.775	ng	# 77
25) Isophorone	7.292	82	1524501	38.471	ng	# 63
51) 2,6-Dinitrotoluene	9.757	165	79342	8.435	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	79342	6.614	ng	# 23
67) 4-Bromophenyl-phenylether	10.551	248	39498	3.353	ng	# 1

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

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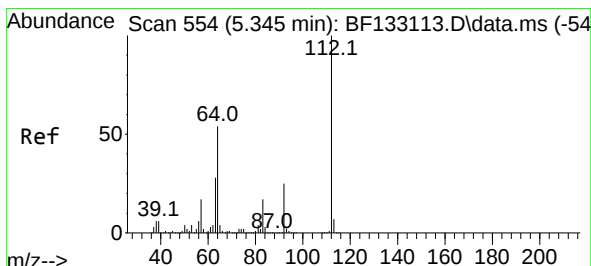
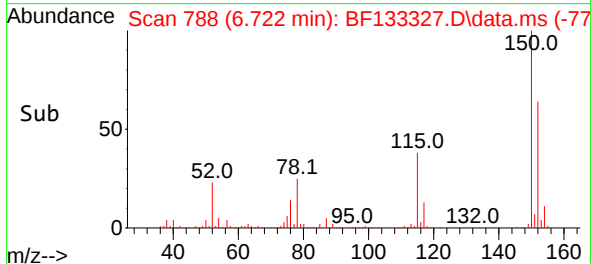
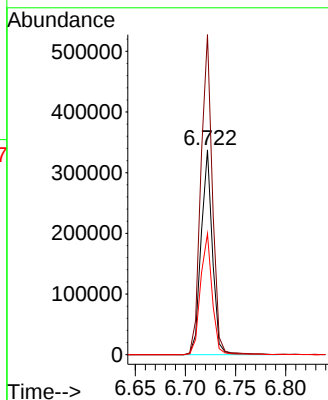
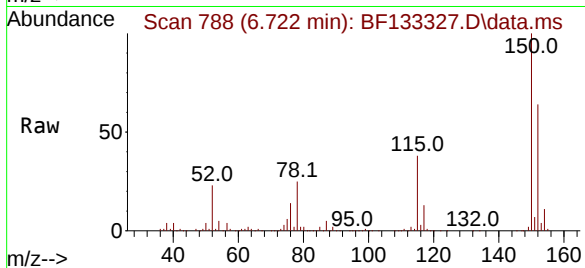




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF133327.D
 Acq: 10 May 2023 13:19

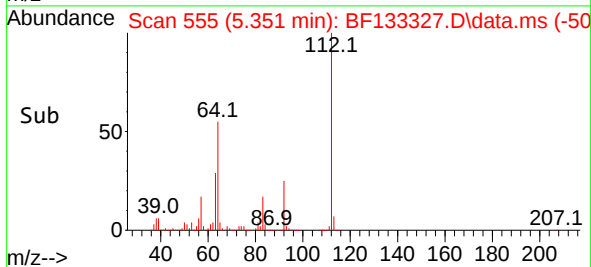
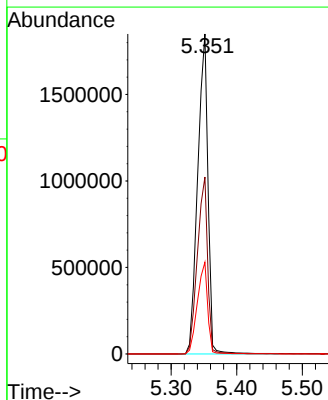
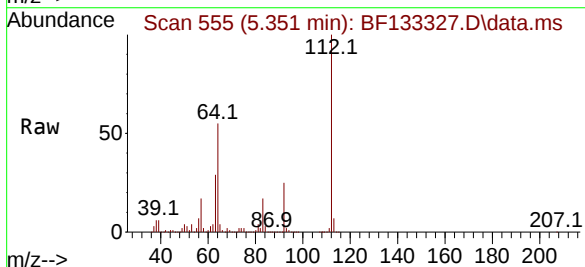
Instrument :
 BNA_F
 ClientSampleId :
 PB152561TB

Tgt Ion:152 Resp: 266463
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.8 187.2
 115 59.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 114.800 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.024 min
 Lab File: BF133327.D
 Acq: 10 May 2023 13:19

Tgt Ion:112 Resp: 2025010
 Ion Ratio Lower Upper
 112 100
 64 55.3 46.8 70.2
 63 28.7 23.8 35.8



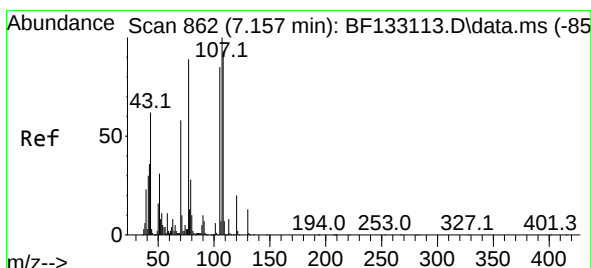
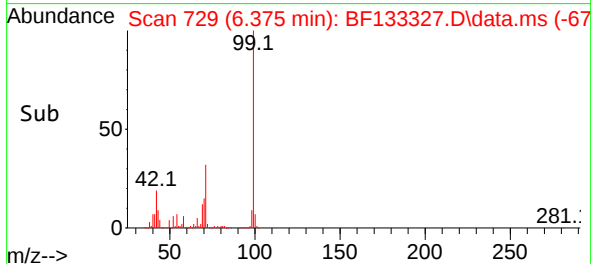
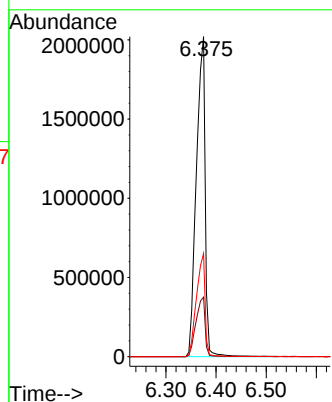
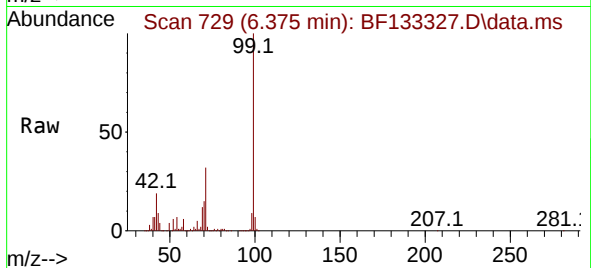


#7
Phenol-d6
Concen: 112.770 ng
RT: 6.375 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133327.D
Acq: 10 May 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB152561TB

Tgt Ion: 99 Resp: 2469003

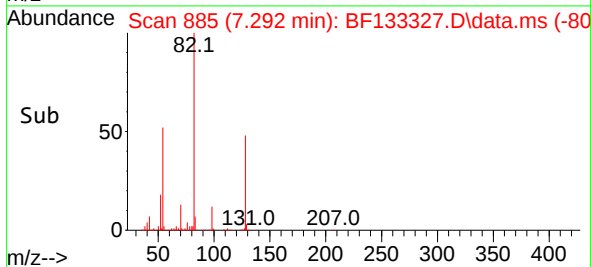
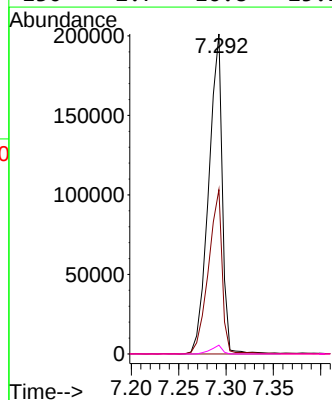
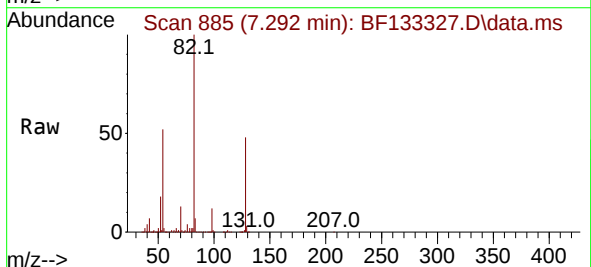
Ion	Ratio	Lower	Upper
99	100		
42	18.6	16.3	24.5
71	32.2	25.6	38.4

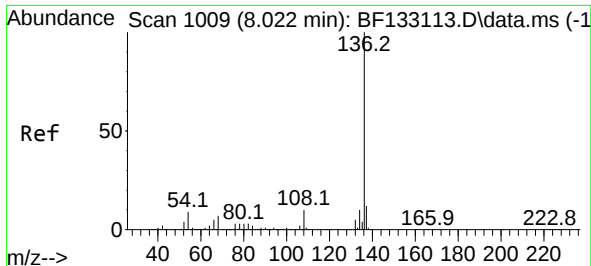


#19
n-Nitroso-di-n-propylamine
Concen: 14.775 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF133327.D
Acq: 10 May 2023 13:19

Tgt Ion: 70 Resp: 201387

Ion	Ratio	Lower	Upper
70	100		
42	51.4	51.8	77.6#
101	0.0	8.0	12.0#
130	2.7	16.8	25.2#

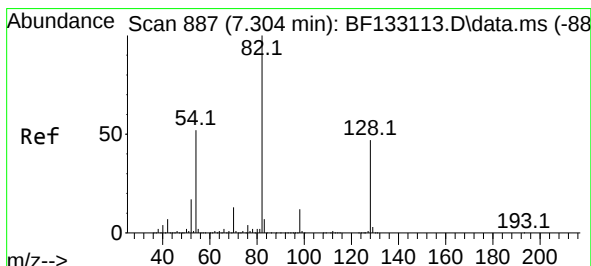
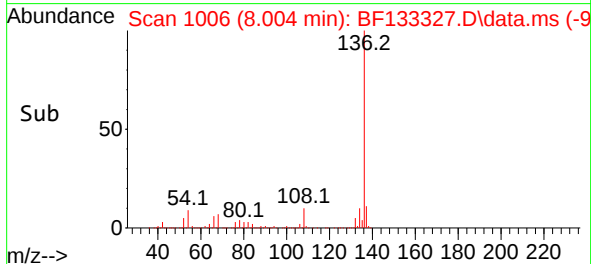
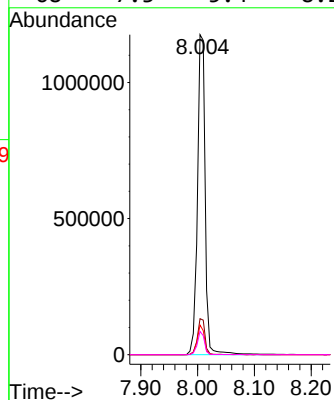
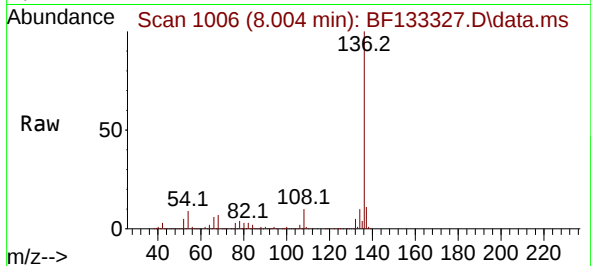




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133327.D
Acq: 10 May 2023 13:19

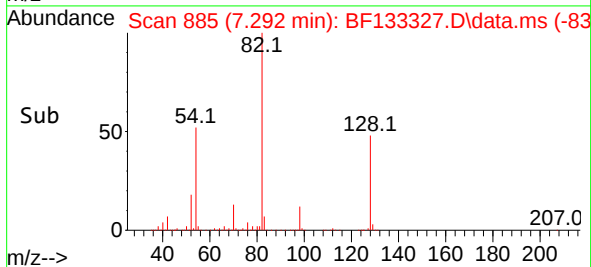
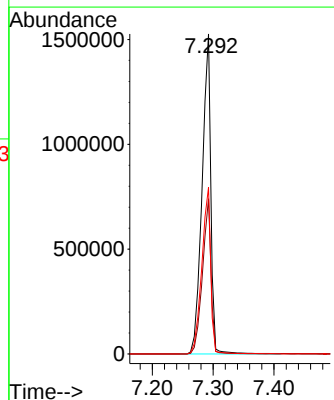
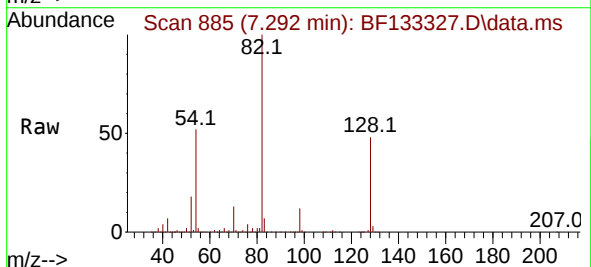
Instrument :
BNA_F
ClientSampleId :
PB152561TB

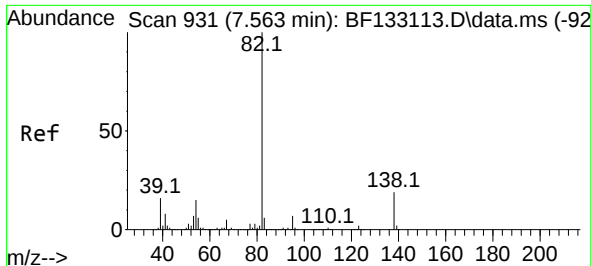
Tgt Ion:136 Resp: 1126573
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.3 7.0 10.4
68 7.3 5.4 8.2



#23
Nitrobenzene-d5
Concen: 73.203 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF133327.D
Acq: 10 May 2023 13:19

Tgt Ion: 82 Resp: 1527850
Ion Ratio Lower Upper
82 100
128 48.5 37.7 56.5
54 52.1 43.0 64.4

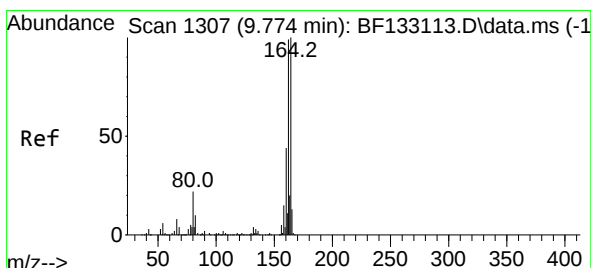
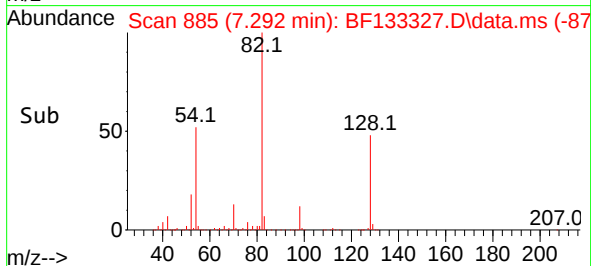
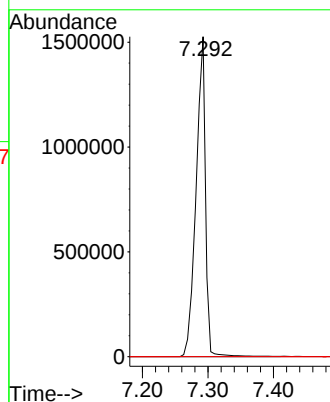
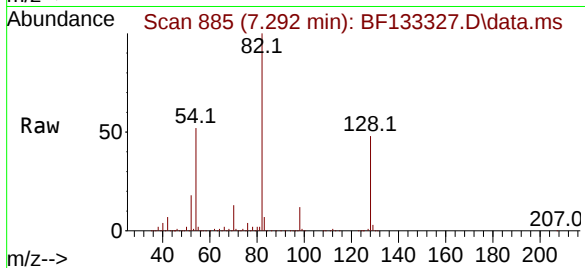




#25
Isophorone
Concen: 38.471 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133327.D
Acq: 10 May 2023 13:19

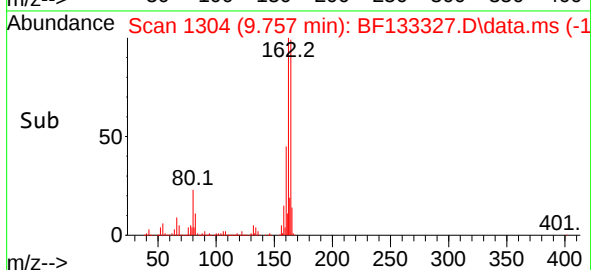
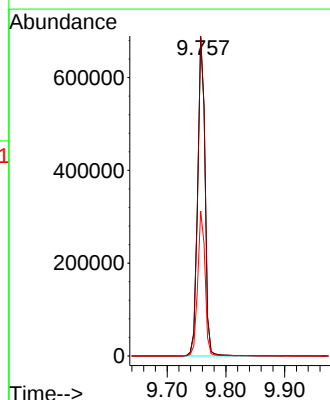
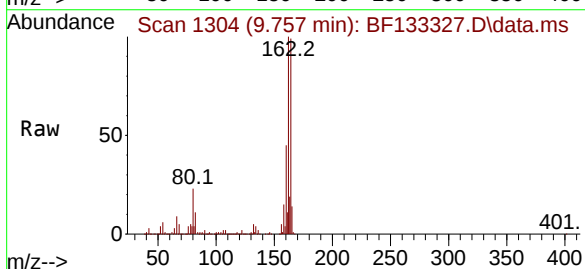
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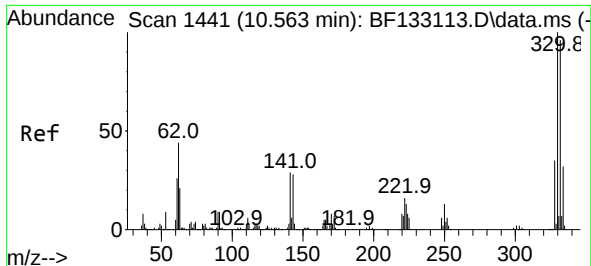
Tgt Ion: 82 Resp: 1524501
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133327.D
Acq: 10 May 2023 13:19

Tgt Ion:164 Resp: 599363
Ion Ratio Lower Upper
164 100
162 100.6 78.7 118.1
160 45.6 35.8 53.6

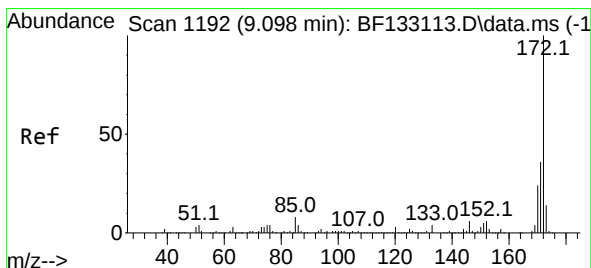
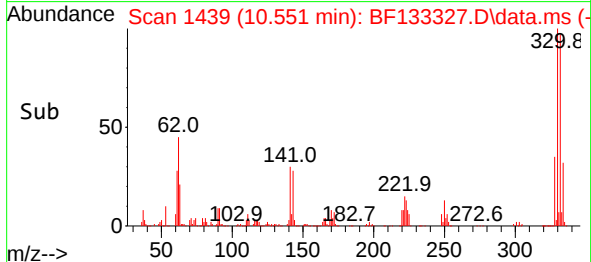
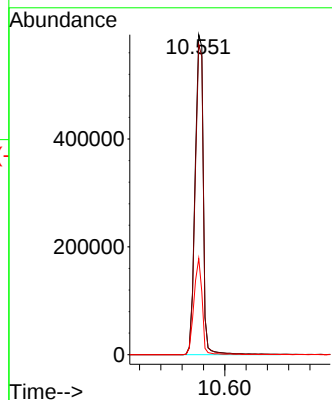
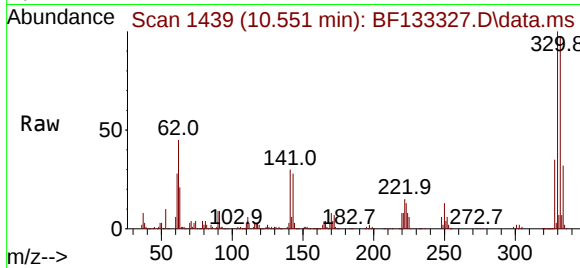




#42
 2,4,6-Tribromophenol
 Concen: 105.035 ng
 RT: 10.551 min Scan# 1441
 Delta R.T. 0.000 min
 Lab File: BF133327.D
 Acq: 10 May 2023 13:19

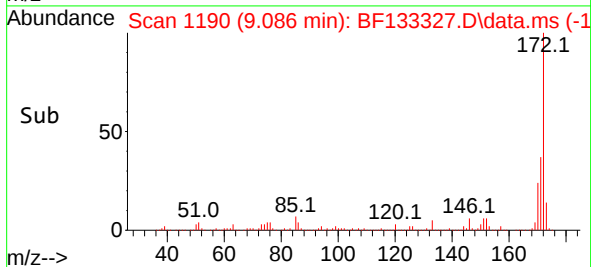
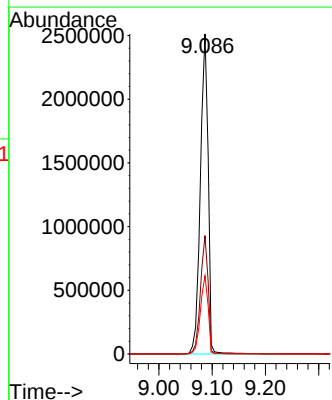
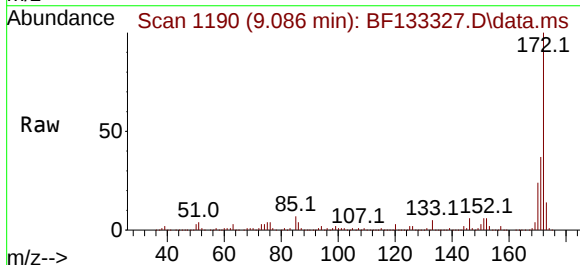
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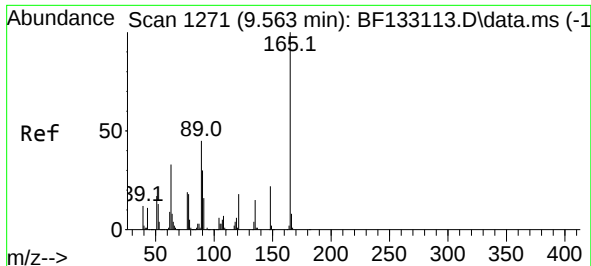
Tgt Ion:330 Resp: 633121
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.1 115.7
 141 30.4 25.8 38.8



#45
 2-Fluorobiphenyl
 Concen: 70.800 ng
 RT: 9.086 min Scan# 1190
 Delta R.T. 0.000 min
 Lab File: BF133327.D
 Acq: 10 May 2023 13:19

Tgt Ion:172 Resp: 2536470
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.8 43.2
 170 24.5 19.4 29.2

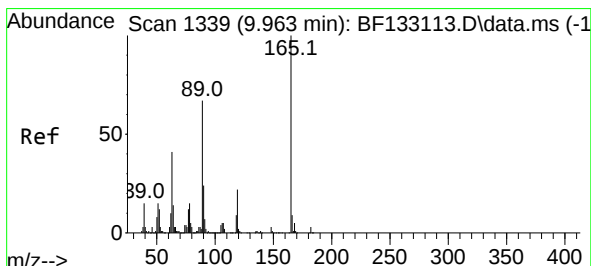
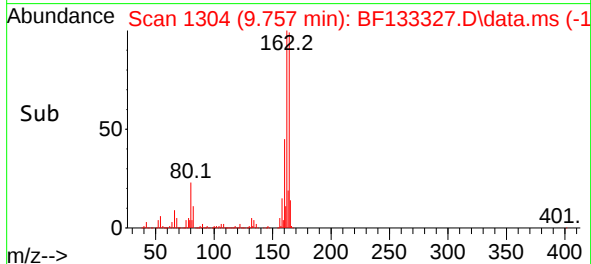
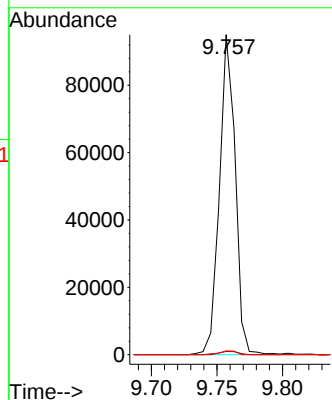
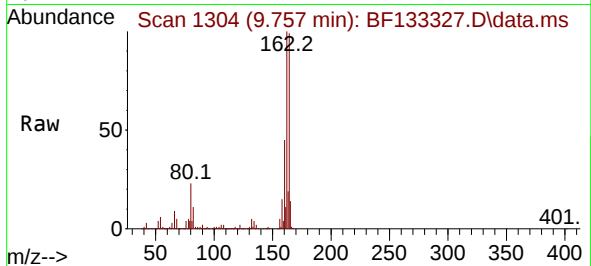




#51
2,6-Dinitrotoluene
Concen: 8.435 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF133327.D
Acq: 10 May 2023 13:19

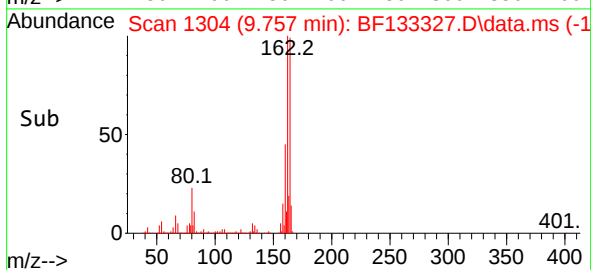
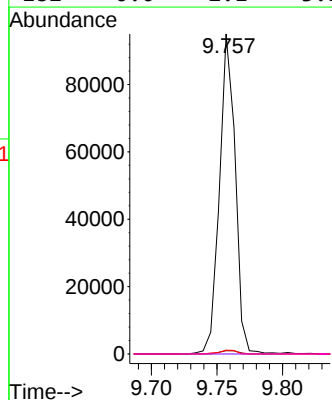
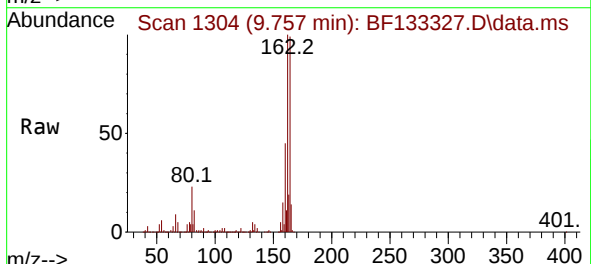
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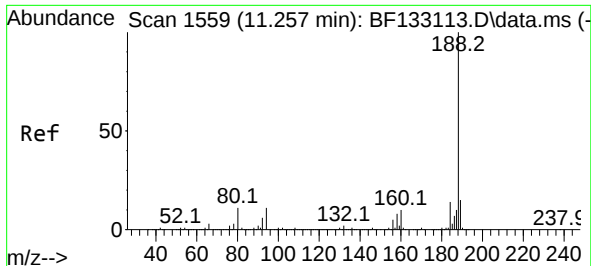
Tgt Ion:165 Resp: 79342
Ion Ratio Lower Upper
165 100
63 1.0 45.9 68.9#
89 1.2 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.614 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF133327.D
Acq: 10 May 2023 13:19

Tgt Ion:165 Resp: 79342
Ion Ratio Lower Upper
165 100
63 1.0 37.7 56.5#
89 1.2 57.0 85.4#
182 0.0 2.1 3.1#

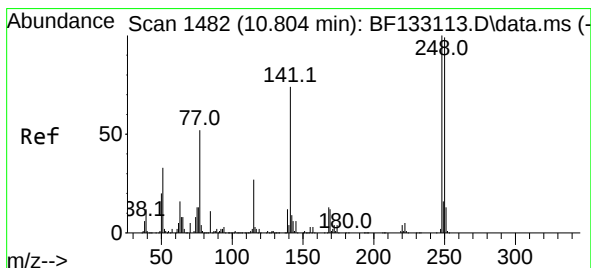
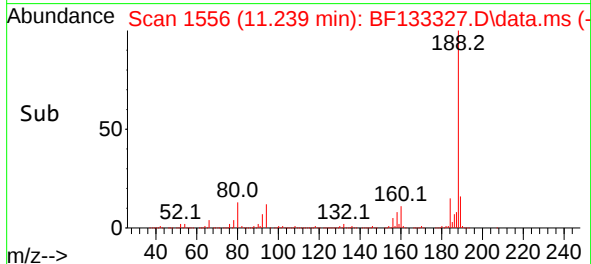
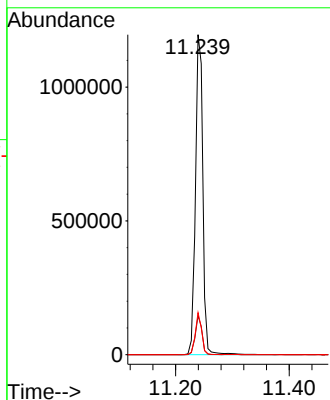
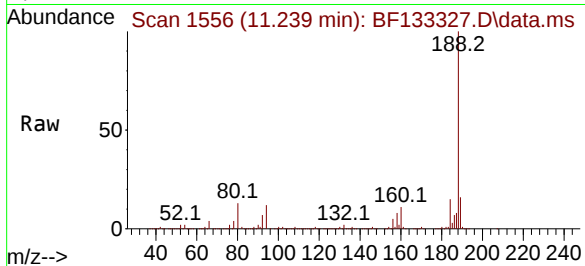




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133327.D
Acq: 10 May 2023 13:19

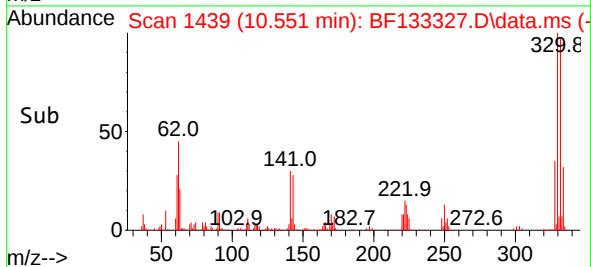
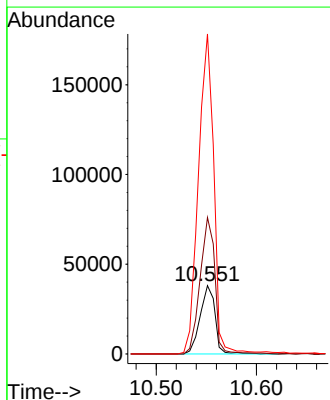
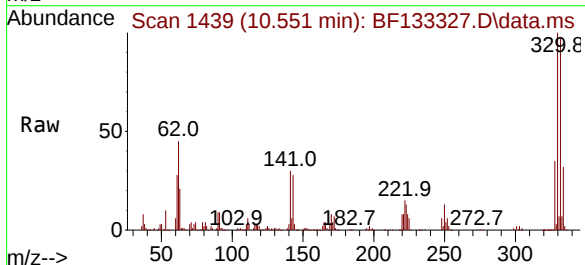
Instrument :
BNA_F
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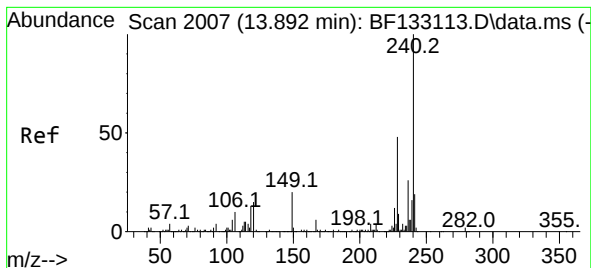
Tgt Ion:188 Resp: 1086267
Ion Ratio Lower Upper
188 100
94 12.2 9.7 14.5
80 13.1 10.4 15.6



#67
4-Bromophenyl-phenylether
Concen: 3.353 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.241 min
Lab File: BF133327.D
Acq: 10 May 2023 13:19

Tgt Ion:248 Resp: 39498
Ion Ratio Lower Upper
248 100
250 199.9 78.7 118.1#
141 468.8 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.880 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BF133327.D

Acq: 10 May 2023 13:19

Instrument :

BNA_F

ClientSampleId :

PB152561TB

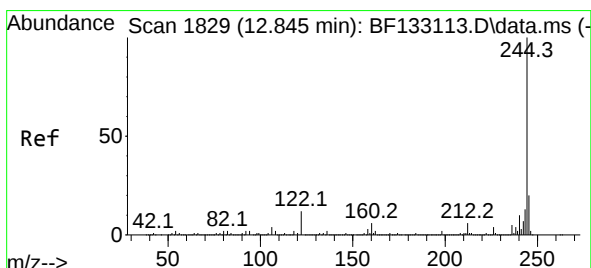
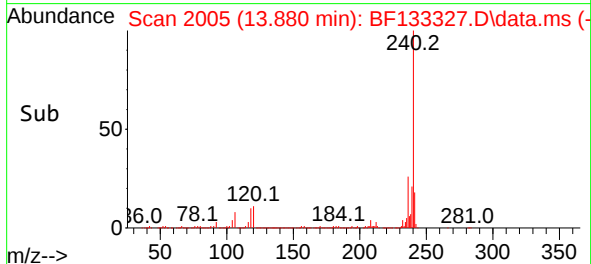
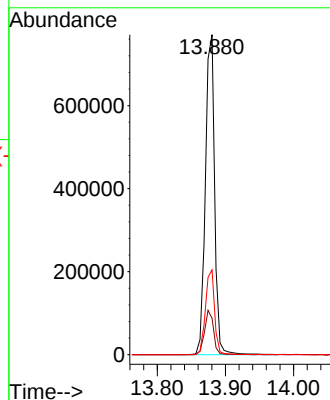
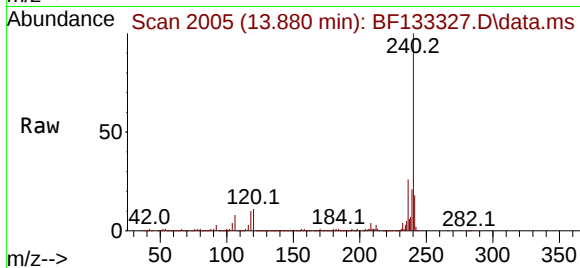
Tgt Ion:240 Resp: 728275

Ion Ratio Lower Upper

240 100

120 11.4 10.5 15.7

236 26.5 21.5 32.3



#79

Terphenyl-d14

Concen: 69.202 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF133327.D

Acq: 10 May 2023 13:19

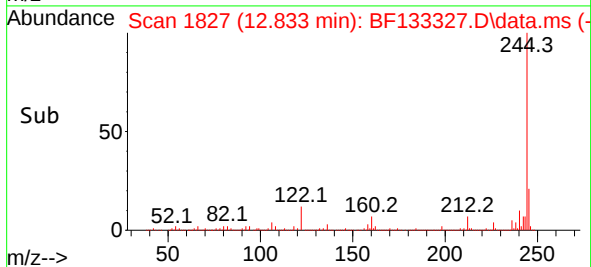
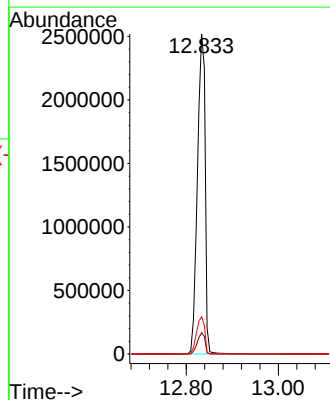
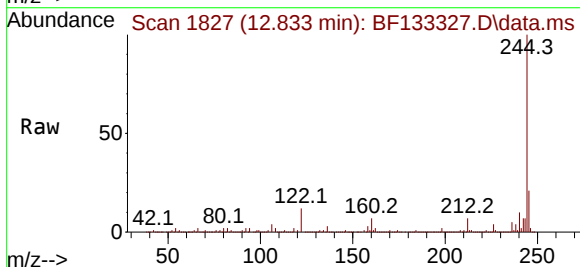
Tgt Ion:244 Resp: 2922200

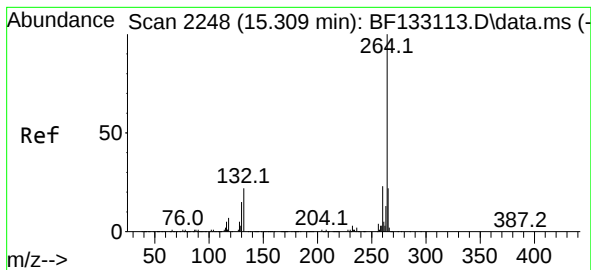
Ion Ratio Lower Upper

244 100

212 6.7 5.1 7.7

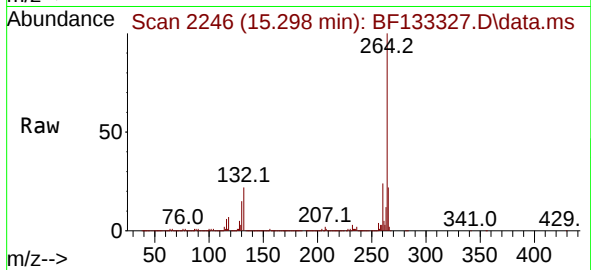
122 11.6 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF133327.D
Acq: 10 May 2023 13:19

Instrument :
BNA_F
ClientSampleId :
PB152561TB



Tgt Ion:264 Resp: 608597

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	22.2	17.0	25.4

