

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
 Data File : BF124733.D
 Acq On : 24 Jul 2021 2:14
 Operator : JU/CG
 Sample : M3114-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 04:40:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

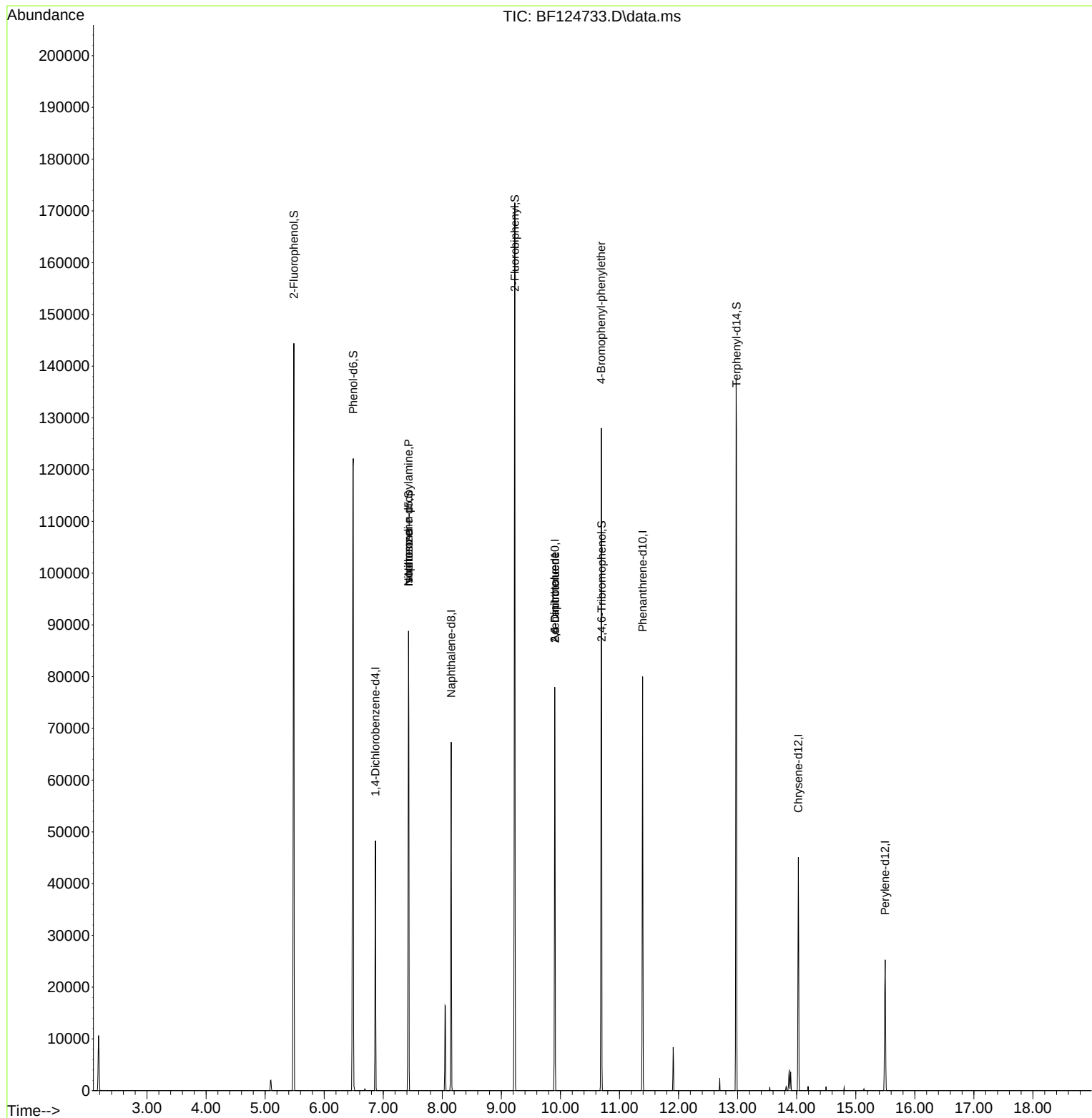
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6835	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	28708	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	15716	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	27579	20.00	ng	0.00
76) Chrysene-d12	14.027	240	16176	20.00	ng	#-0.01
86) Perylene-d12	15.498	264	12683	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	38763	96.02	ng	0.00
7) Phenol-d6	6.492	99	45039	89.00	ng	0.00
23) Nitrobenzene-d5	7.428	82	27795	57.62	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	11753	87.10	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	53040	49.57	ng	0.00
79) Terphenyl-d14	12.980	244	48801	51.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	3668	13.57	ng	# 73
25) Isophorone	7.428	82	27794	32.59	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1907	7.98	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1907	5.88	ng	# 18
67) 4-Bromophenyl-phenylether	10.692	248	937	3.20	ng	# 1

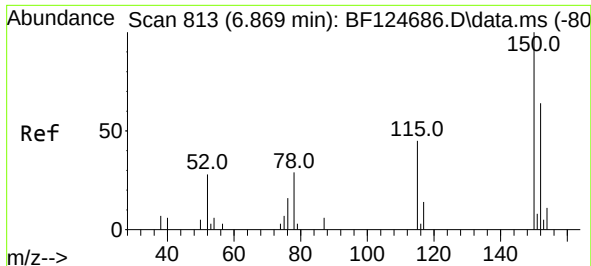
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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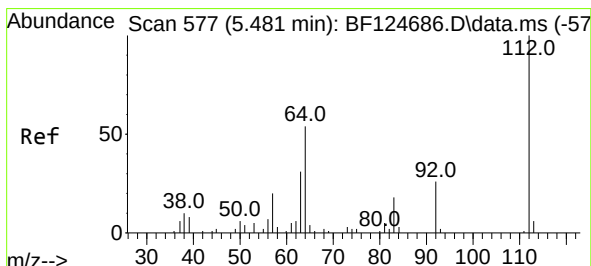
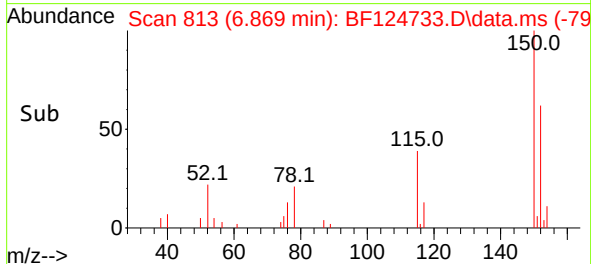
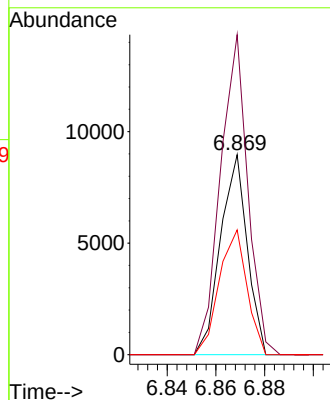
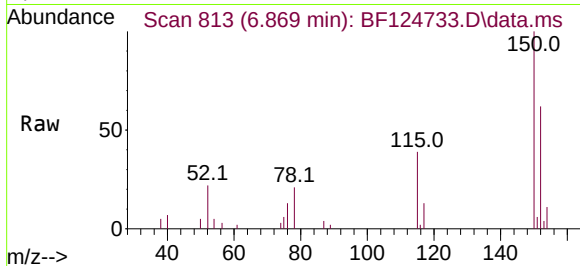




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

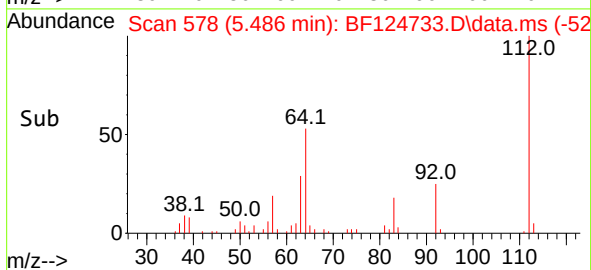
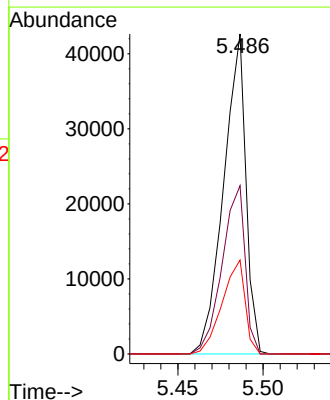
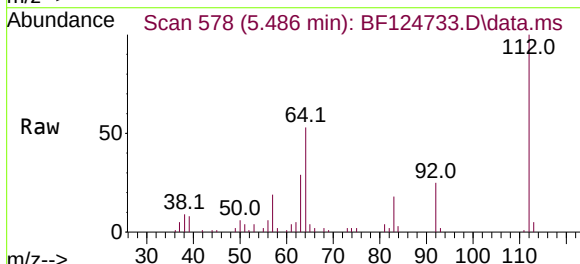
Instrument :
BNA_F
ClientSampleId :

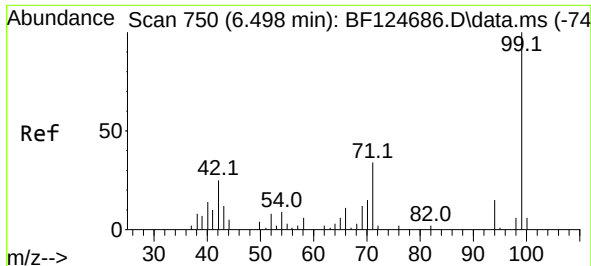
Tgt Ion:152 Resp: 6835
Ion Ratio Lower Upper
152 100
150 160.0 117.6 176.4
115 62.4 47.1 70.7



#5
2-Fluorophenol
Concen: 96.02 ng
RT: 5.486 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

Tgt Ion:112 Resp: 38763
Ion Ratio Lower Upper
112 100
64 52.6 44.2 66.2
63 29.4 26.2 39.2

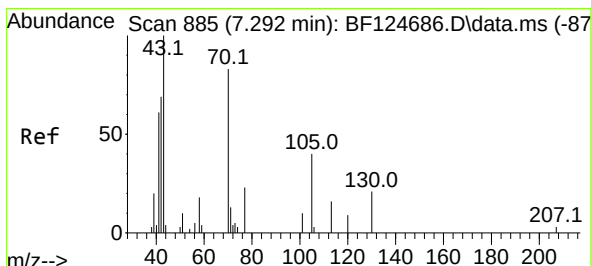
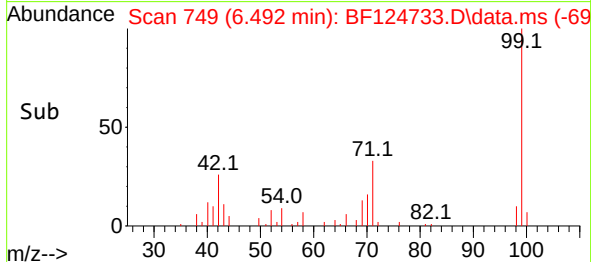
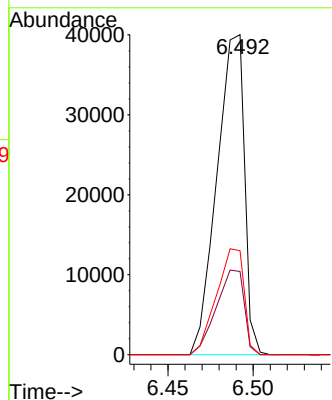
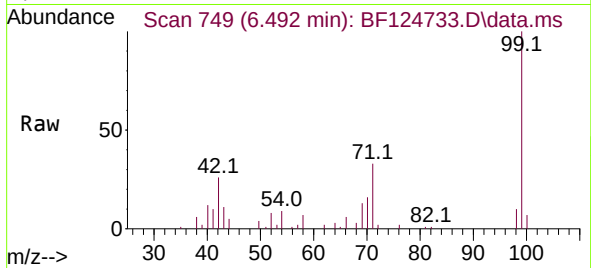




#7
Phenol-d6
Concen: 89.00 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

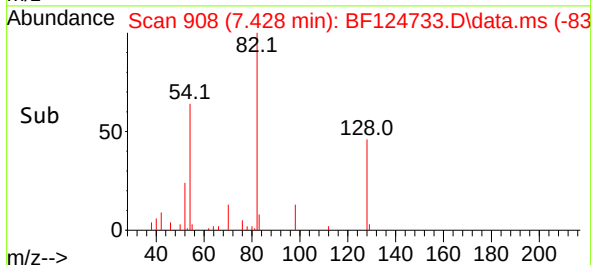
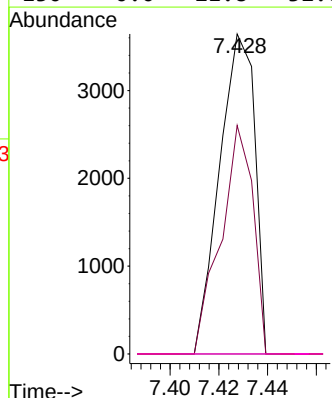
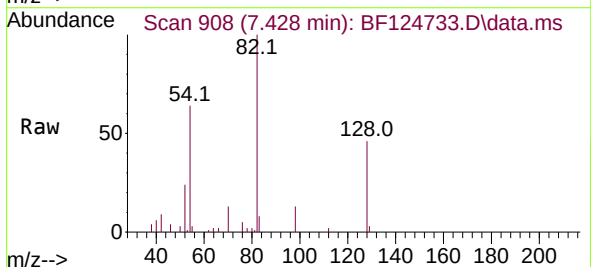
Instrument :
BNA_F
ClientSampleId :

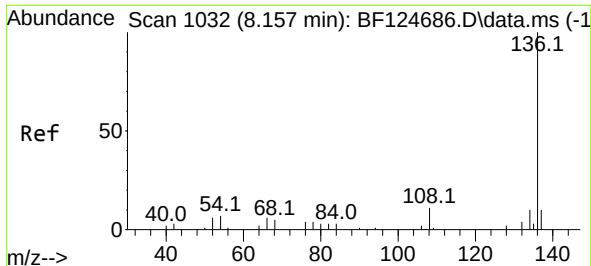
Tgt Ion: 99 Resp: 45039
Ion Ratio Lower Upper
99 100
42 26.0 23.5 35.3
71 32.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.57 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

Tgt Ion: 70 Resp: 3668
Ion Ratio Lower Upper
70 100
42 71.4 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

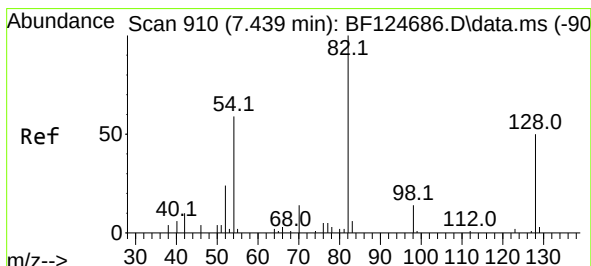
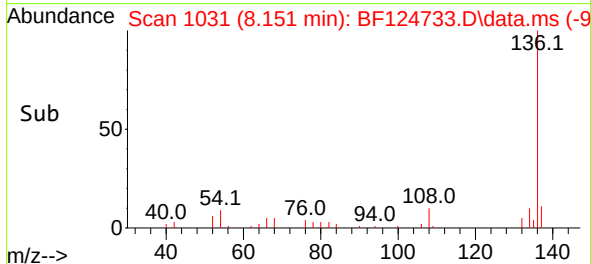
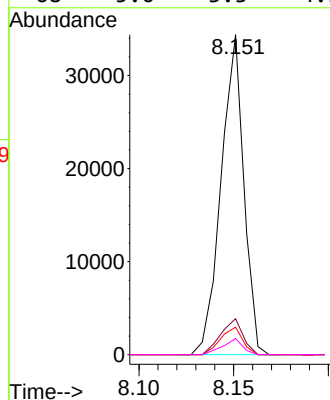
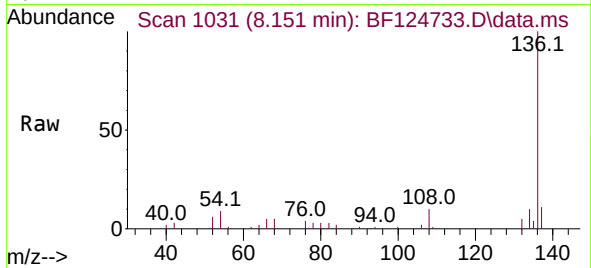




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

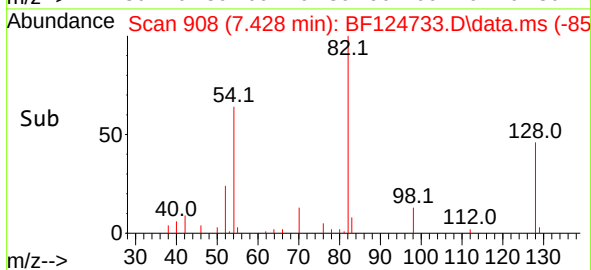
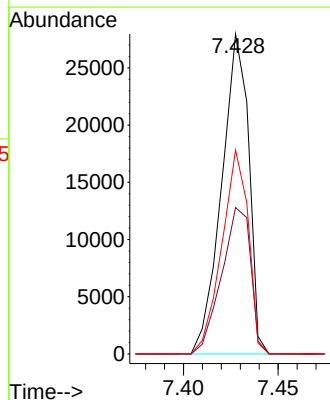
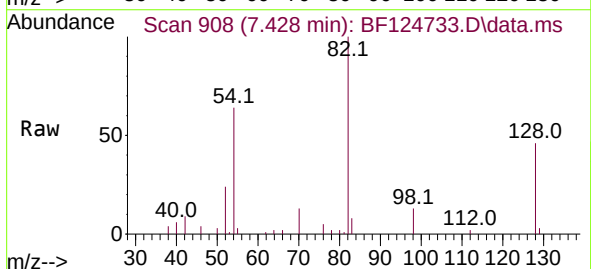
Instrument :
BNA_F
ClientSampled :

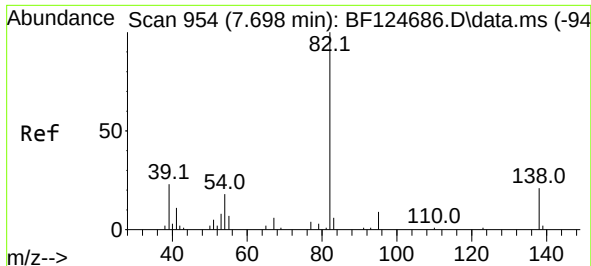
Tgt Ion:	136	Resp:	28708
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.8	14.6
54	8.6	6.4	9.6
68	5.0	3.3	4.9



#23
Nitrobenzene-d5
Concen: 57.62 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

Tgt Ion:	82	Resp:	27795
Ion	Ratio	Lower	Upper
82	100		
128	45.8	40.6	60.8
54	63.8	49.6	74.4

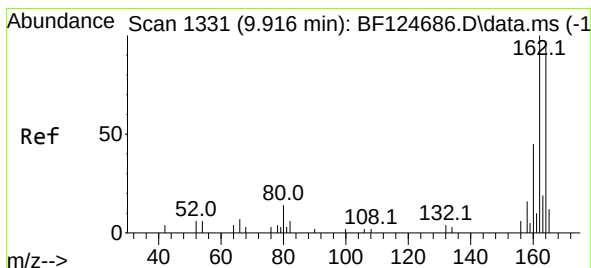
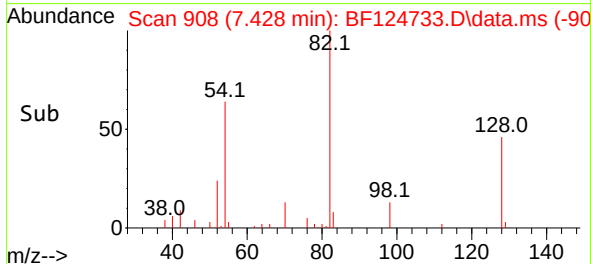
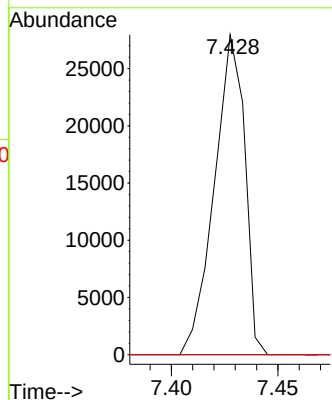
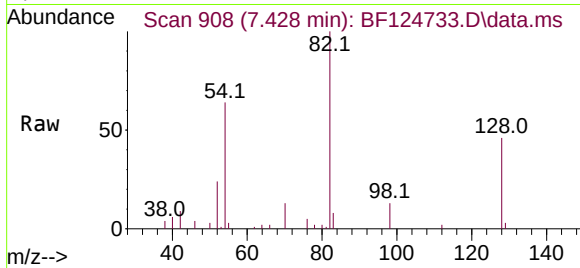




#25
Isophorone
Concen: 32.59 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

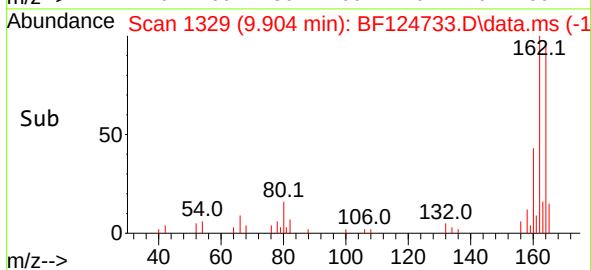
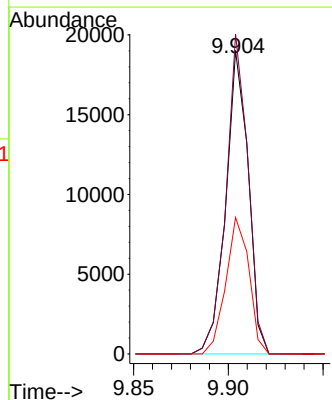
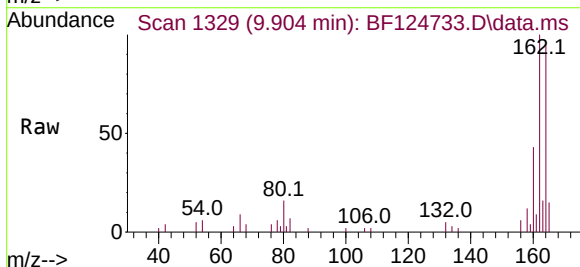
Instrument :
BNA_F
ClientSampleId :

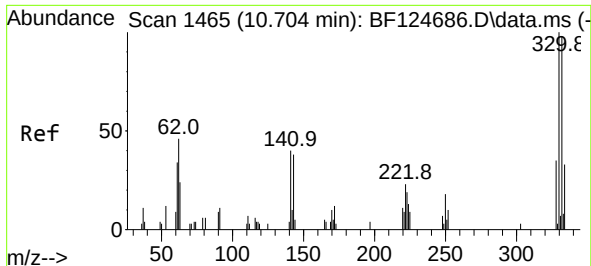
Tgt Ion: 82 Resp: 27794
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

Tgt Ion: 164 Resp: 15716
Ion Ratio Lower Upper
164 100
162 105.5 81.3 121.9
160 45.0 38.0 57.0

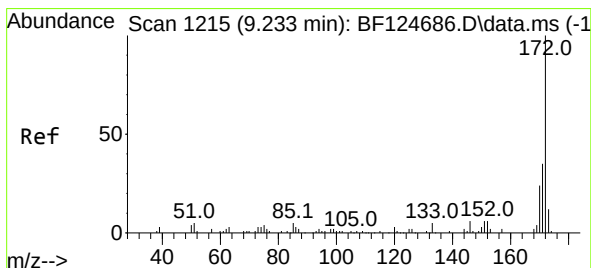
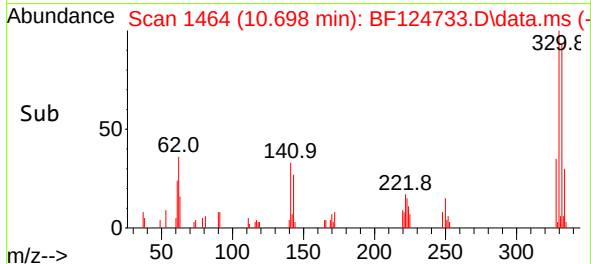
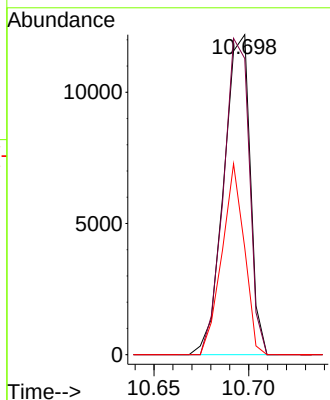
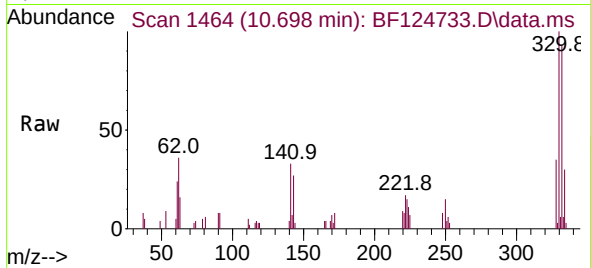




#42
2,4,6-Tribromophenol
Concen: 87.10 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

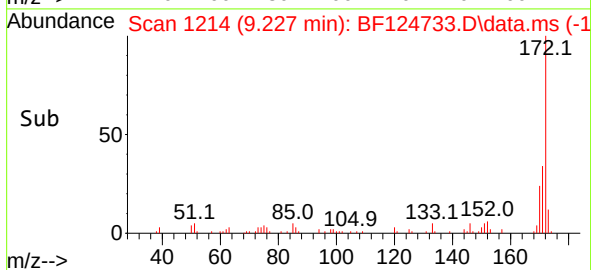
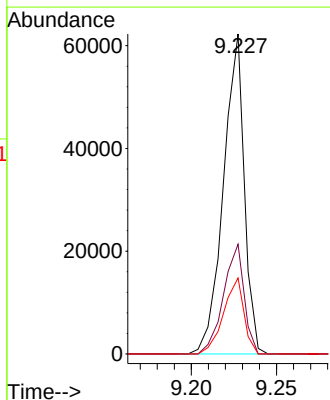
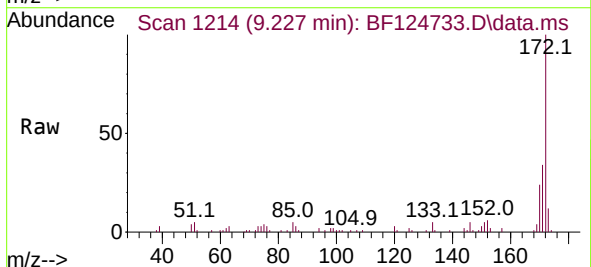
Instrument :
BNA_F
ClientSampleId :

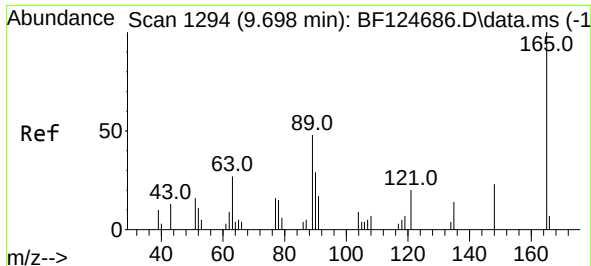
Tgt Ion: 330 Resp: 11753
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 50.7 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 49.57 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

Tgt Ion: 172 Resp: 53040
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 23.7 18.8 28.2

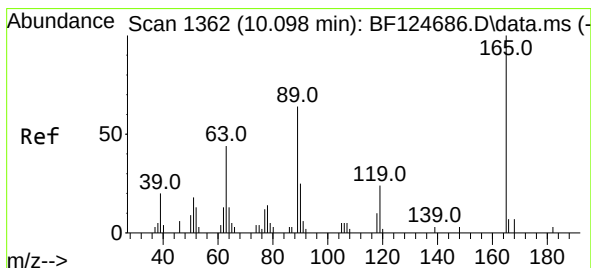
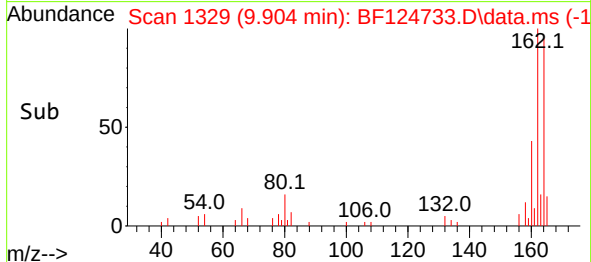
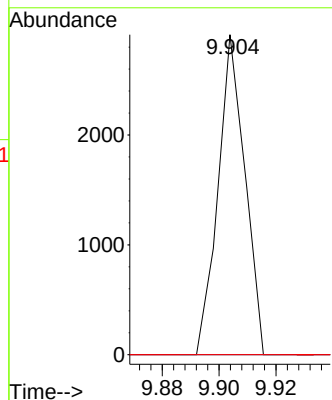
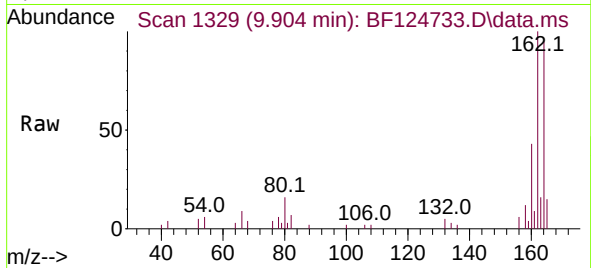




#51
2,6-Dinitrotoluene
Concen: 7.98 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

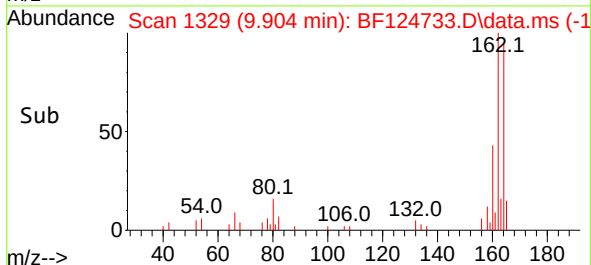
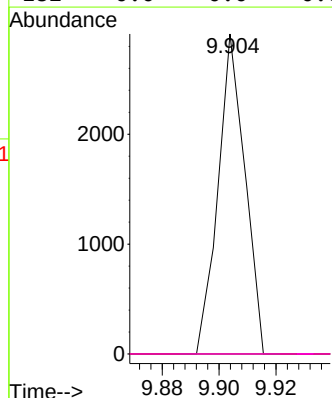
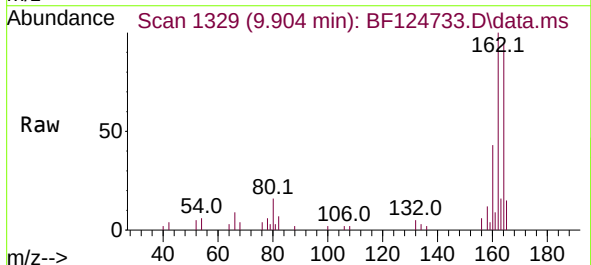
Instrument :
BNA_F
ClientSampleId :

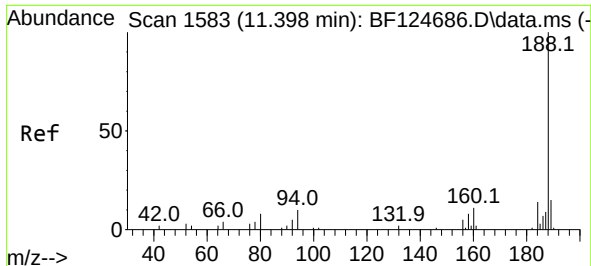
Tgt Ion:165 Resp: 1907
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.88 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

Tgt Ion:165 Resp: 1907
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

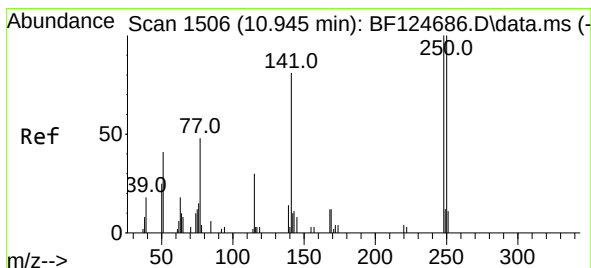
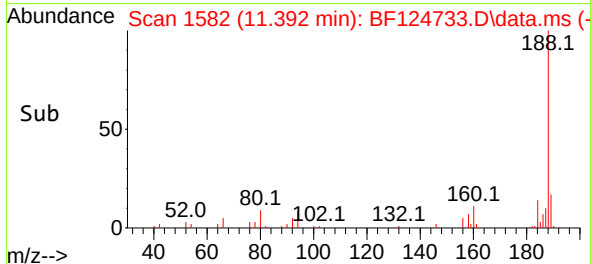
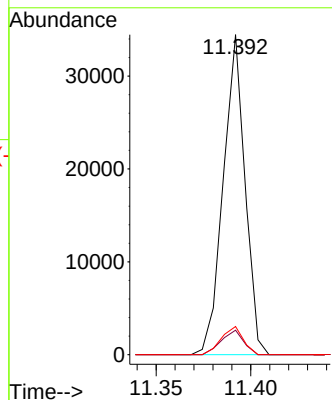
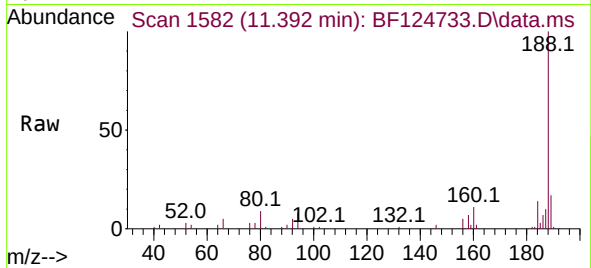




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

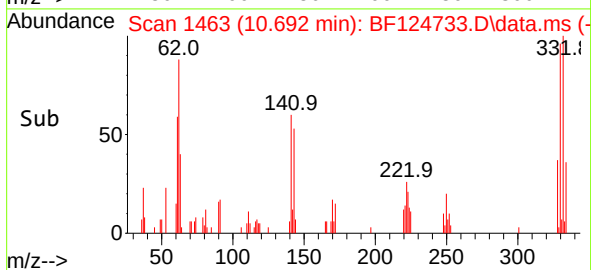
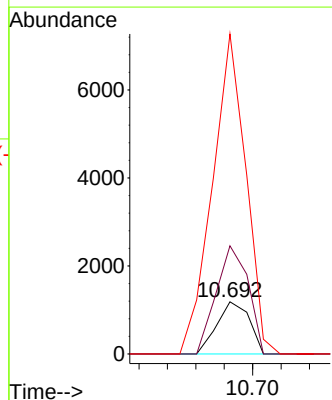
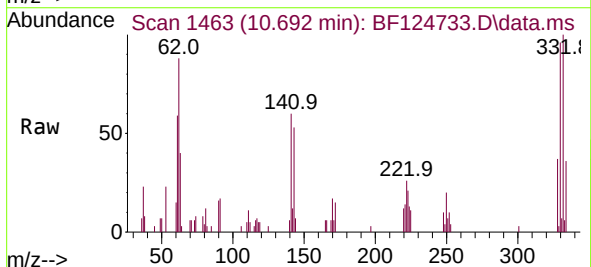
Instrument :
BNA_F
ClientSampleId :

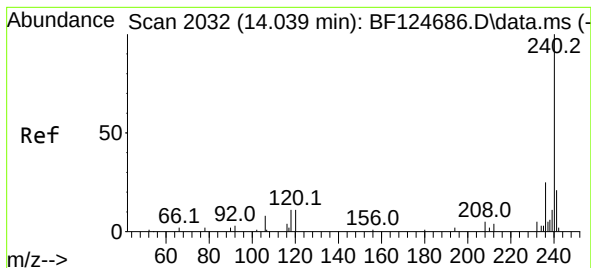
Tgt Ion:188 Resp: 27579
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.20 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.253 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

Tgt Ion:248 Resp: 937
Ion Ratio Lower Upper
248 100
250 207.2 74.2 111.4#
141 612.7 60.4 90.6#

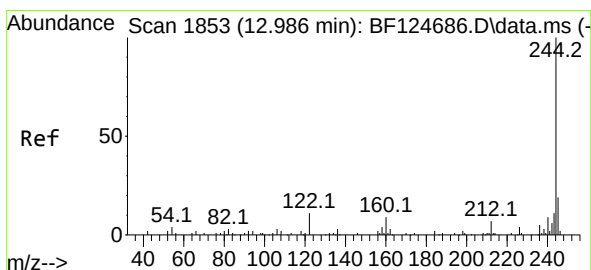
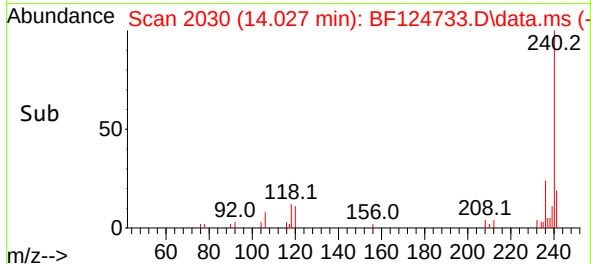
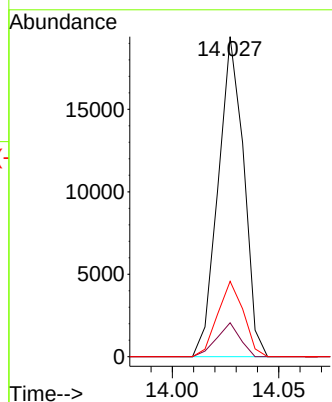
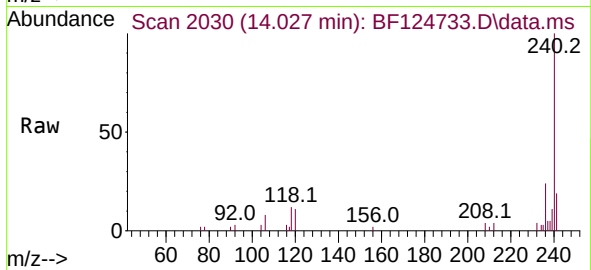




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

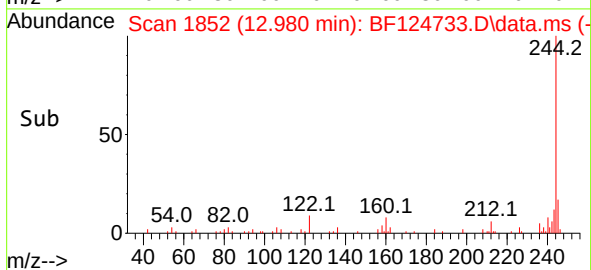
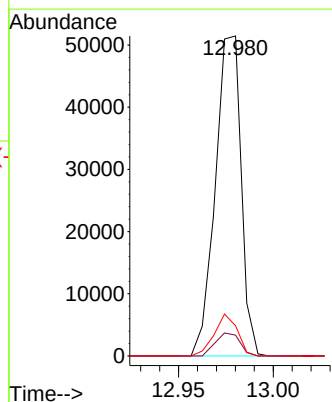
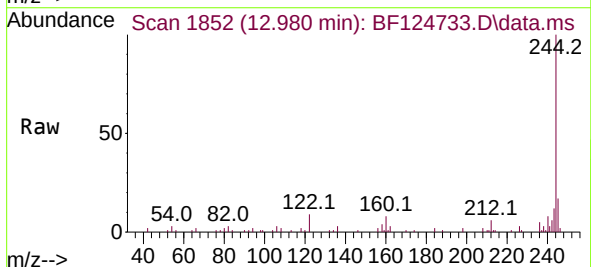
Instrument :
BNA_F
ClientSampleId :

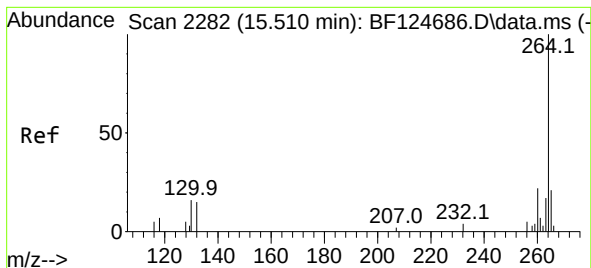
Tgt Ion:240 Resp: 16176
Ion Ratio Lower Upper
240 100
120 10.6 10.8 16.2#
236 23.6 21.6 32.4



#79
Terphenyl-d14
Concen: 51.71 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124733.D
Acq: 24 Jul 2021 2:14

Tgt Ion:244 Resp: 48801
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 9.4 9.0 13.4





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.498 min Scan# 2280

Delta R.T. -0.012 min

Lab File: BF124733.D

Acq: 24 Jul 2021 2:14

Tgt Ion:264 Resp: 12683

Ion Ratio Lower Upper

264 100

260 21.8 19.6 29.4

265 22.4 17.2 25.8

