

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129073.D
 Acq On : 30 Jun 2022 22:31
 Operator : CG\JU
 Sample : N3526-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PUMPHOUSE-SIDE-1

Quant Time: Jul 01 05:44:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

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

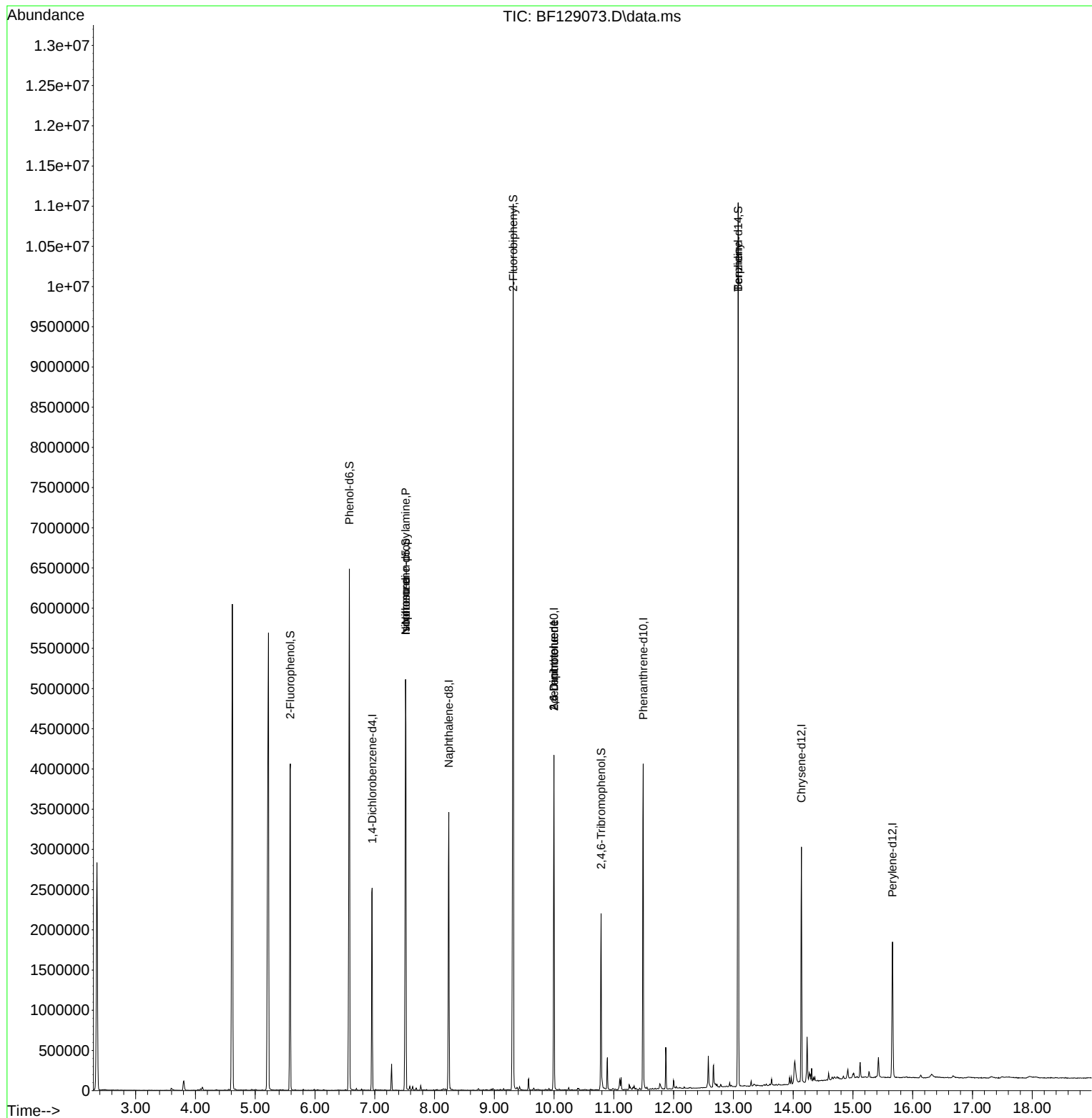
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	405615	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	1543202	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	808156	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	1449579	20.000	ng	0.00
76) Chrysene-d12	14.139	240	952084	20.000	ng	-0.01
86) Perylene-d12	15.663	264	768901	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1167823	48.676	ng	0.00
7) Phenol-d6	6.575	99	2390776	80.235	ng	-0.01
23) Nitrobenzene-d5	7.516	82	1897259	73.331	ng	-0.01
42) 2,4,6-Tribromophenol	10.786	330	249355	28.376	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	3455961	68.412	ng	0.00
79) Terphenyl-d14	13.080	244	3735506	81.477	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.510	77	1442	Below Cal	#	82
19) n-Nitroso-di-n-propyla...	7.516	70	249263	14.461	ng	# 72
25) Isophorone	7.516	82	1825298	41.744	ng	# 65
51) 2,6-Dinitrotoluene	9.998	165	104130	10.079	ng	# 25
57) 2,4-Dinitrotoluene	9.998	165	104130	8.164	ng	# 21
77) Benzidine	13.080	184	53926	3.181	ng	# 93

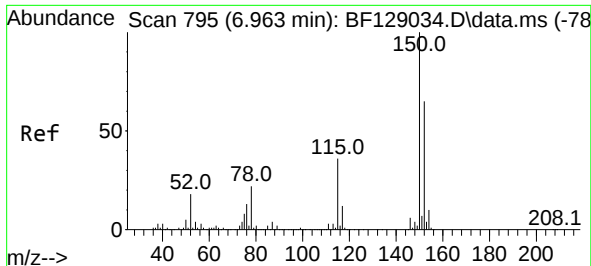
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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PUMPHOUSE-SIDE-1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration

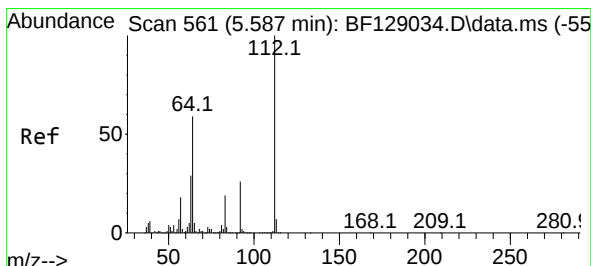
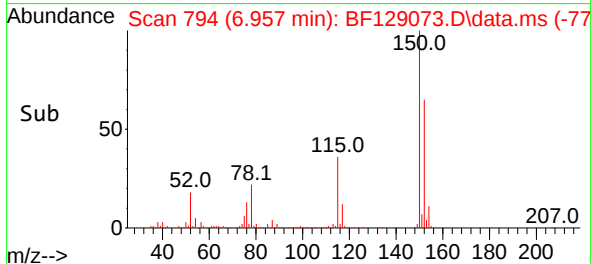
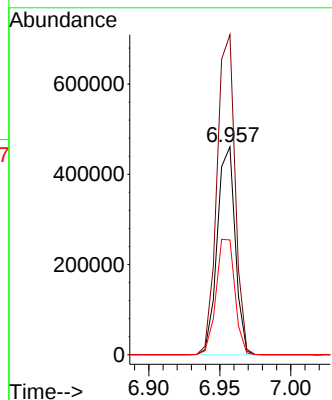
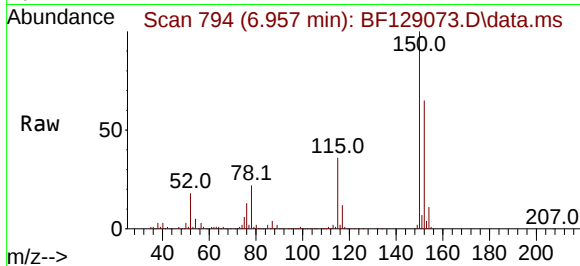




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF129073.D
Acq: 30 Jun 2022 22:31

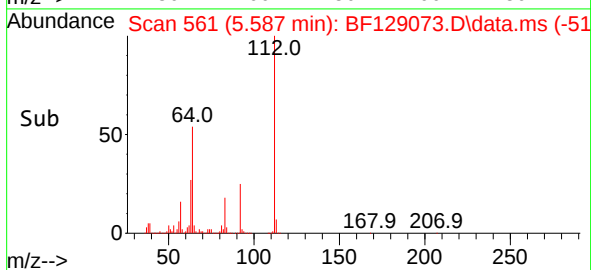
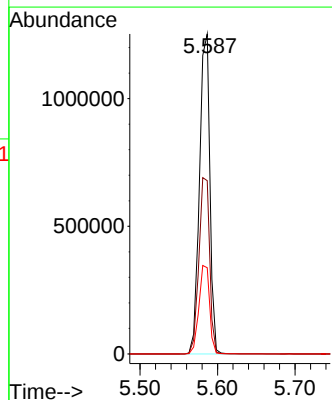
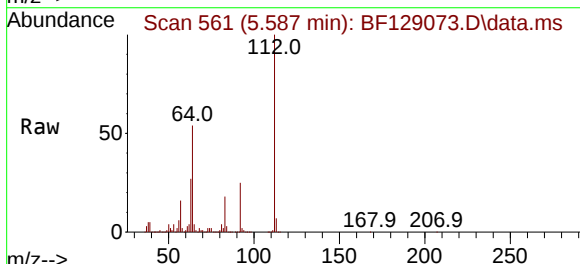
Instrument :
BNA_F
ClientSampleId :
PUMPHOUSE-SIDE-1

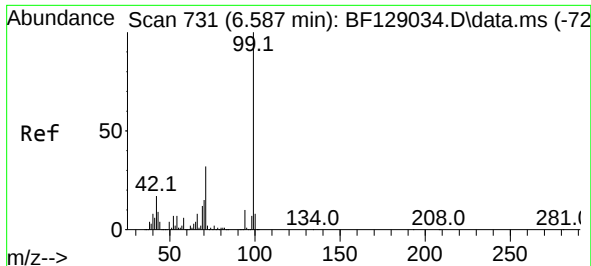
Tgt Ion:152 Resp: 405615
Ion Ratio Lower Upper
152 100
150 154.0 123.7 185.5
115 55.2 49.9 74.9



#5
2-Fluorophenol
Concen: 48.676 ng
RT: 5.587 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF129073.D
Acq: 30 Jun 2022 22:31

Tgt Ion:112 Resp: 1167823
Ion Ratio Lower Upper
112 100
64 54.2 53.3 79.9
63 27.0 28.0 42.0

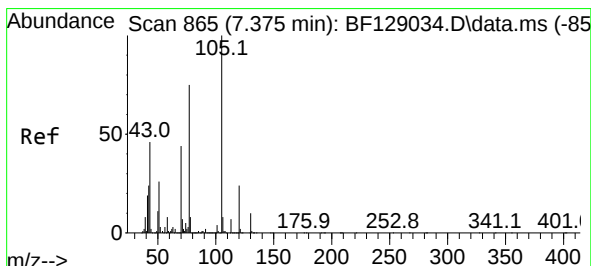
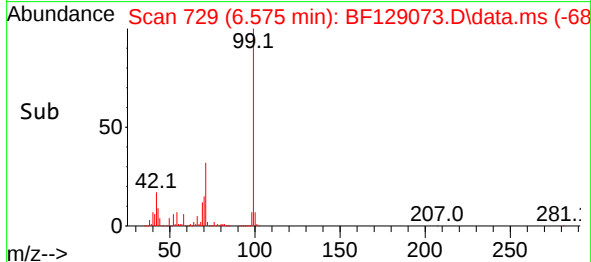
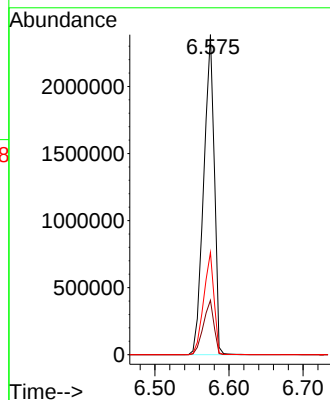
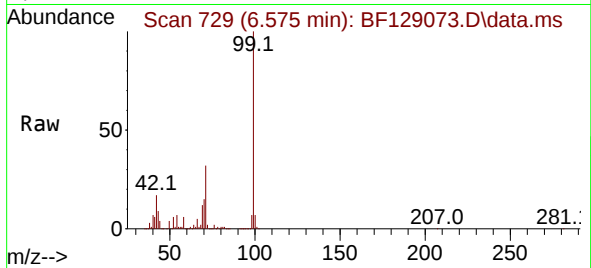




#7
Phenol-d6
Concen: 80.235 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129073.D
Acq: 30 Jun 2022 22:31

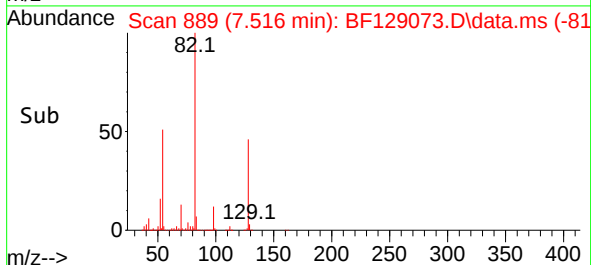
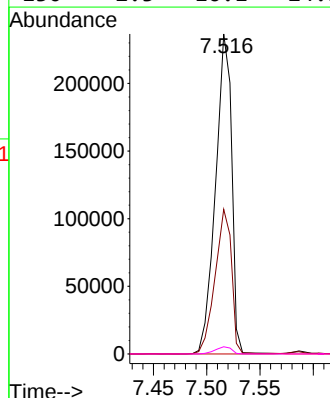
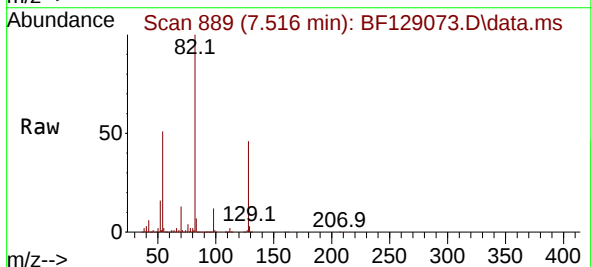
Instrument :
BNA_F
ClientSampleId :
PUMPHOUSE-SIDE-1

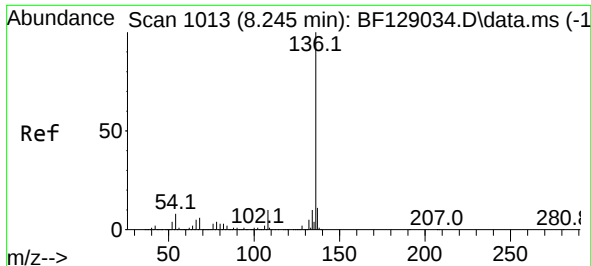
Tgt Ion: 99 Resp: 2390776
Ion Ratio Lower Upper
99 100
42 17.0 17.3 25.9#
71 32.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.461 ng
RT: 7.516 min Scan# 889
Delta R.T. 0.141 min
Lab File: BF129073.D
Acq: 30 Jun 2022 22:31

Tgt Ion: 70 Resp: 249263
Ion Ratio Lower Upper
70 100
42 45.2 52.3 78.5#
101 0.0 7.5 11.3#
130 2.3 16.1 24.1#

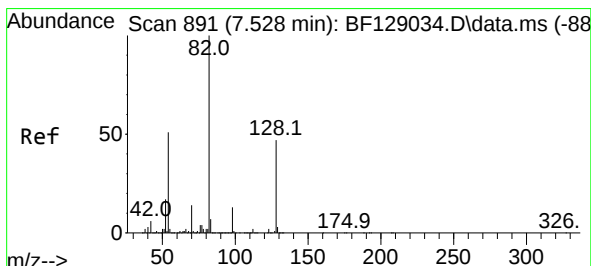
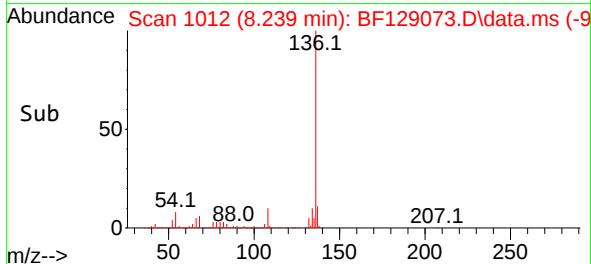
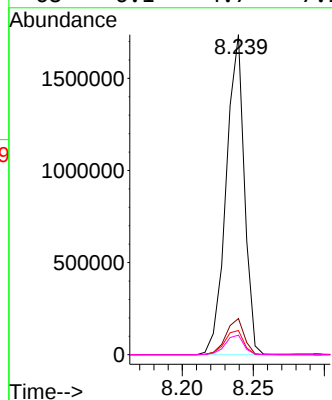
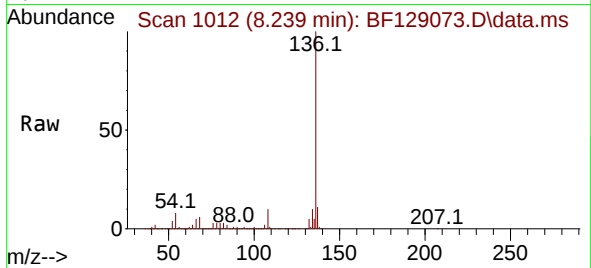




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF129073.D
Acq: 30 Jun 2022 22:31

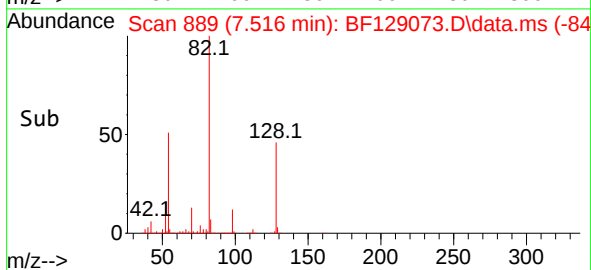
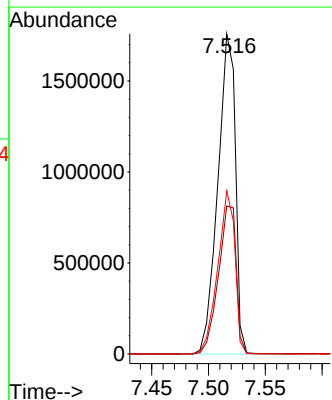
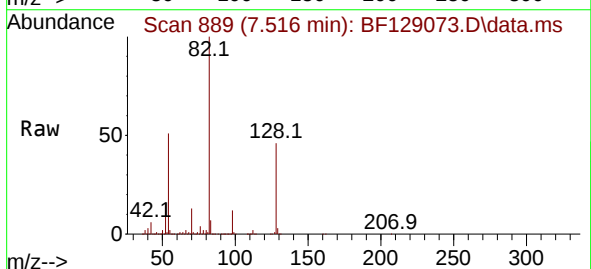
Instrument :
BNA_F
ClientSampleId :
PUMPHOUSE-SIDE-1

Tgt Ion:136 Resp: 1543202
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.5 7.5 11.3
68 6.1 4.7 7.1



#23
Nitrobenzene-d5
Concen: 73.331 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF129073.D
Acq: 30 Jun 2022 22:31

Tgt Ion: 82 Resp: 1897259
Ion Ratio Lower Upper
82 100
128 46.2 34.0 51.0
54 50.9 46.9 70.3

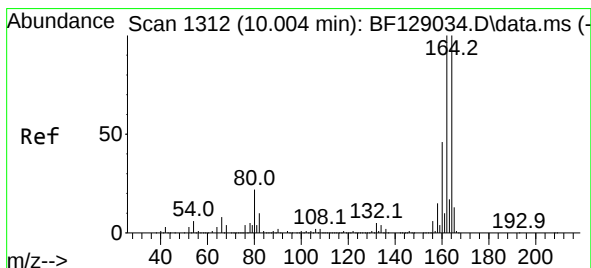
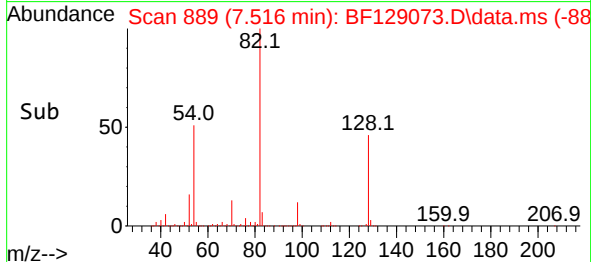
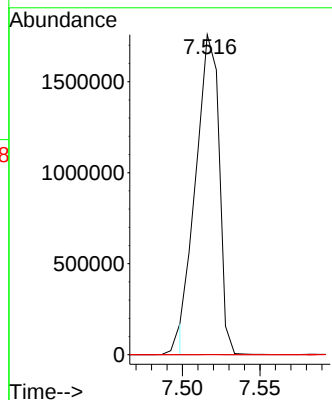
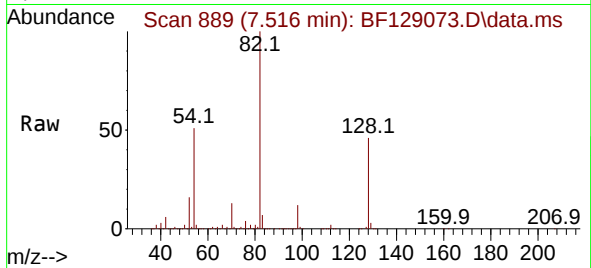




#25
Isophorone
Concen: 41.744 ng
RT: 7.516 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF129073.D
Acq: 30 Jun 2022 22:31

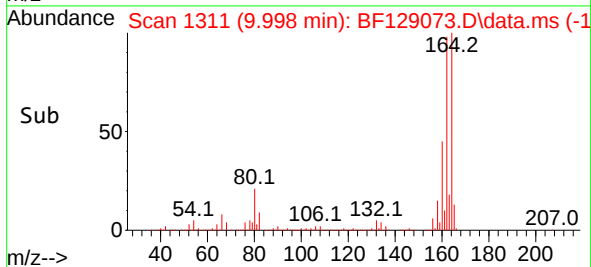
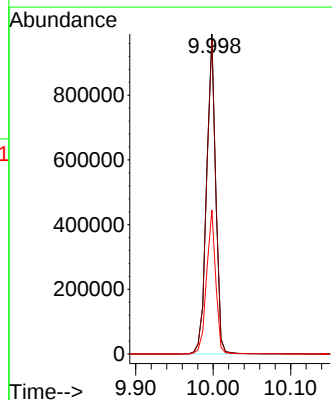
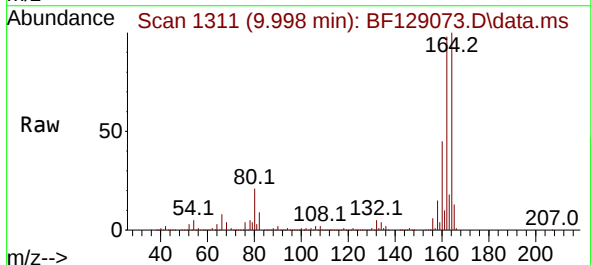
Instrument :
BNA_F
ClientSampleId :
PUMPHOUSE-SIDE-1

Tgt Ion: 82 Resp: 1825298
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF129073.D
Acq: 30 Jun 2022 22:31

Tgt Ion:164 Resp: 808156
Ion Ratio Lower Upper
164 100
162 98.2 79.5 119.3
160 45.0 34.2 51.4

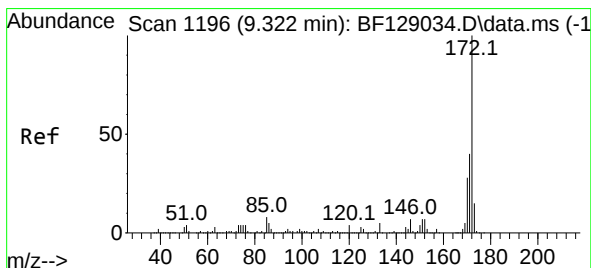
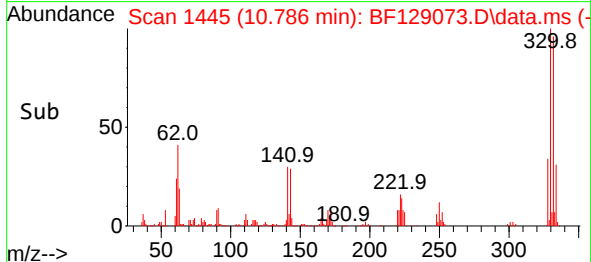
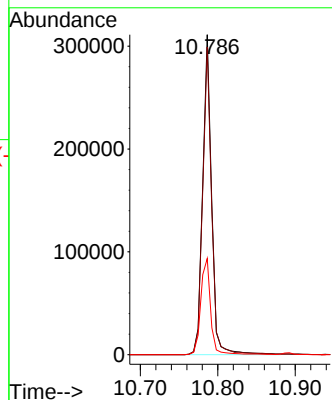
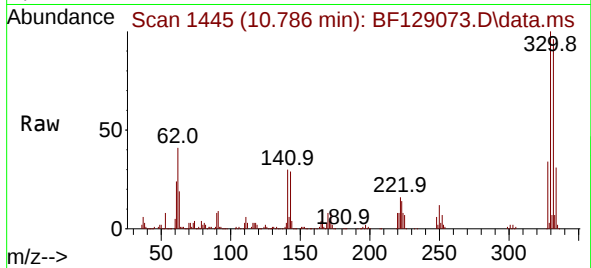




#42
 2,4,6-Tribromophenol
 Concen: 28.376 ng
 RT: 10.786 min Scan# 1445
 Delta R.T. -0.012 min
 Lab File: BF129073.D
 Acq: 30 Jun 2022 22:31

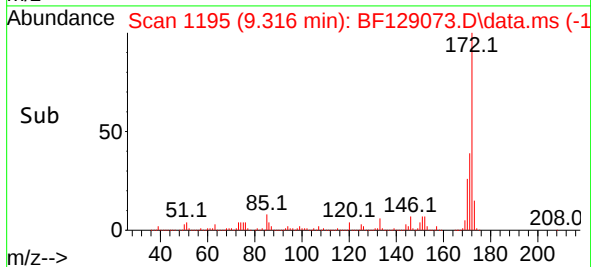
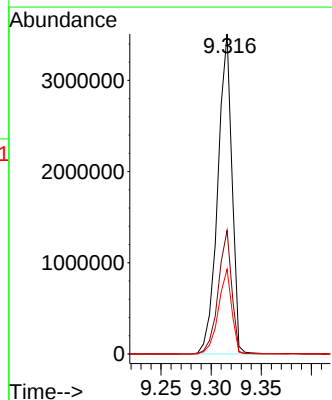
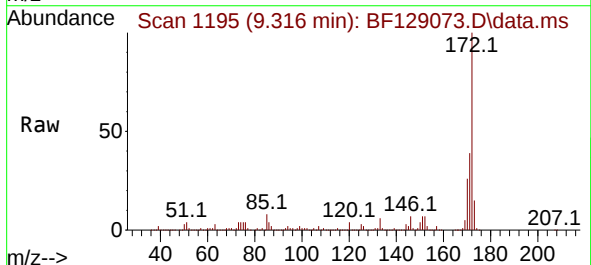
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 PUMPHOUSE-SIDE-1

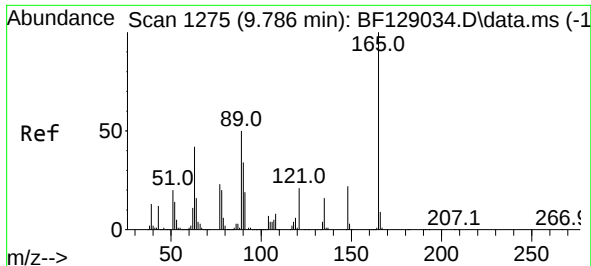
Tgt Ion: 330 Resp: 249355
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.8 115.2
 141 33.3 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 68.412 ng
 RT: 9.316 min Scan# 1195
 Delta R.T. -0.006 min
 Lab File: BF129073.D
 Acq: 30 Jun 2022 22:31

Tgt Ion: 172 Resp: 3455961
 Ion Ratio Lower Upper
 172 100
 171 38.6 28.8 43.2
 170 26.5 19.8 29.8

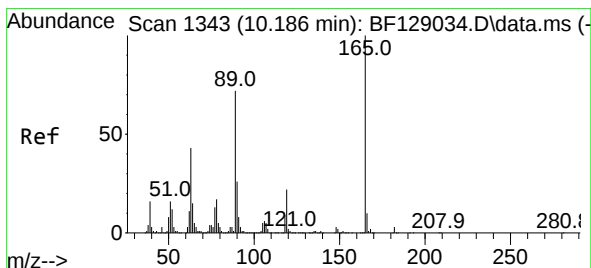
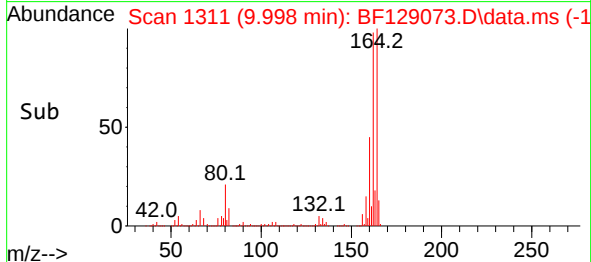
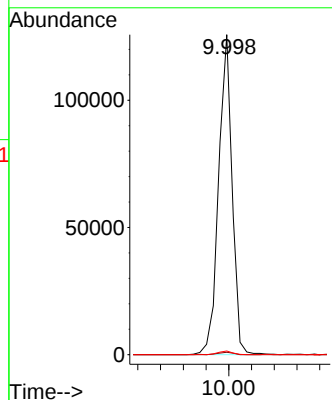
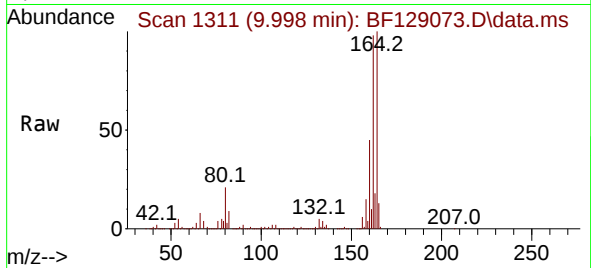




#51
2,6-Dinitrotoluene
Concen: 10.079 ng
RT: 9.998 min Scan# 1311
Delta R.T. 0.212 min
Lab File: BF129073.D
Acq: 30 Jun 2022 22:31

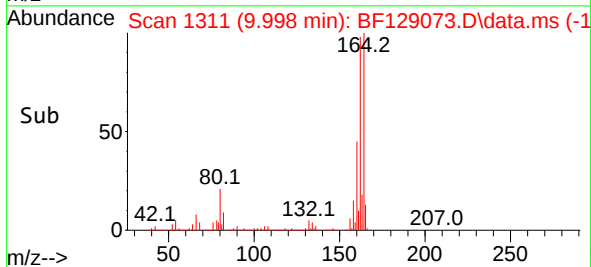
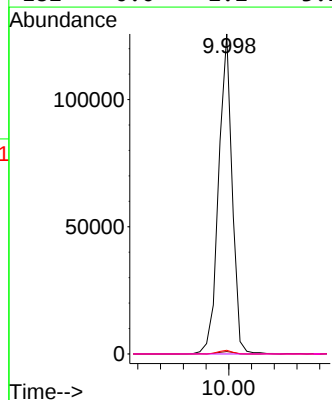
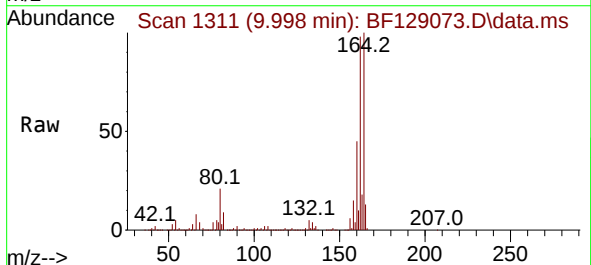
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BNA_F
ClientSampleId :
PUMPHOUSE-SIDE-1

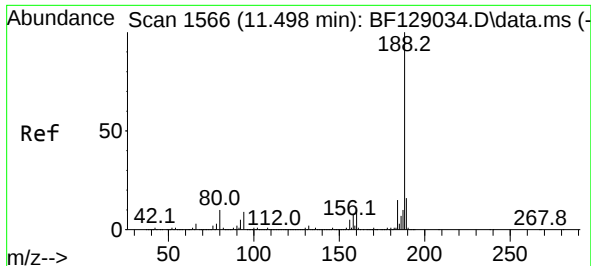
Tgt Ion:165 Resp: 104130
Ion Ratio Lower Upper
165 100
63 0.8 44.9 67.3#
89 1.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.164 ng
RT: 9.998 min Scan# 1311
Delta R.T. -0.188 min
Lab File: BF129073.D
Acq: 30 Jun 2022 22:31

Tgt Ion:165 Resp: 104130
Ion Ratio Lower Upper
165 100
63 0.8 39.8 59.6#
89 1.1 60.2 90.2#
182 0.0 2.2 3.2#

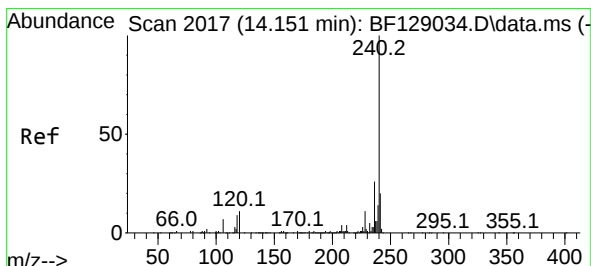
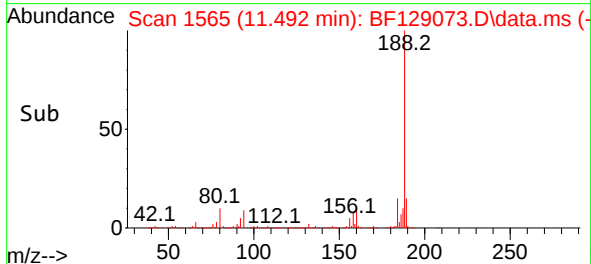
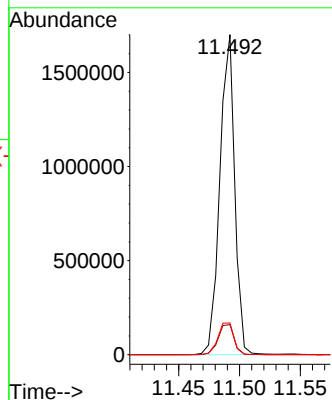
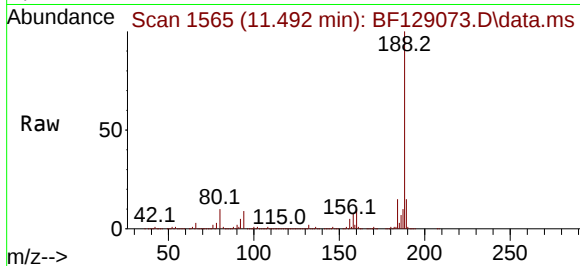




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129073.D
Acq: 30 Jun 2022 22:31

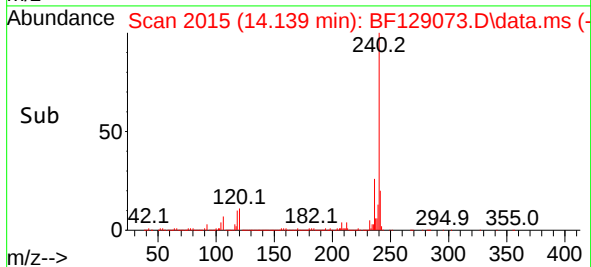
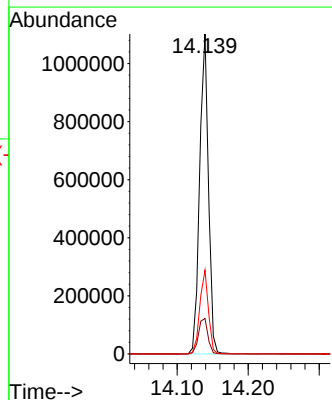
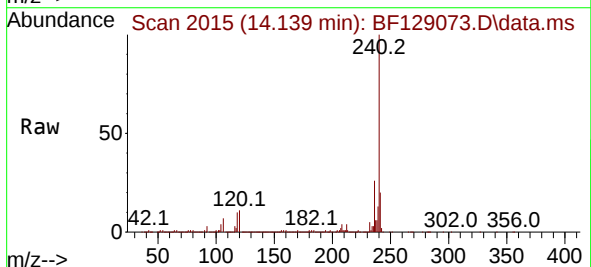
Instrument :
BNA_F
ClientSampleId :
PUMPHOUSE-SIDE-1

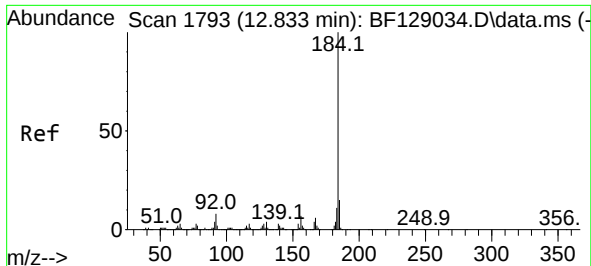
Tgt Ion:188 Resp: 1449579
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 9.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF129073.D
Acq: 30 Jun 2022 22:31

Tgt Ion:240 Resp: 952084
Ion Ratio Lower Upper
240 100
120 11.1 8.9 13.3
236 26.2 20.8 31.2

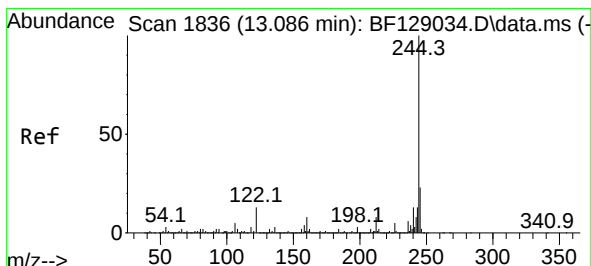
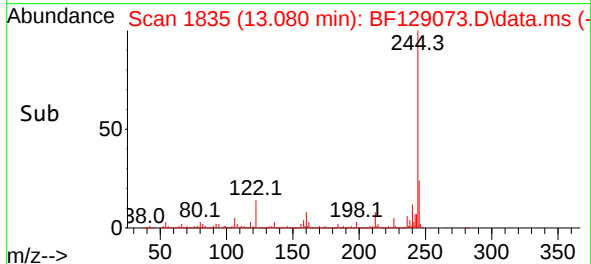
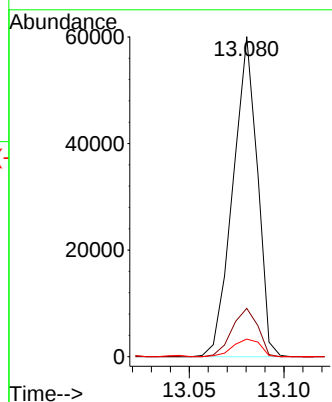
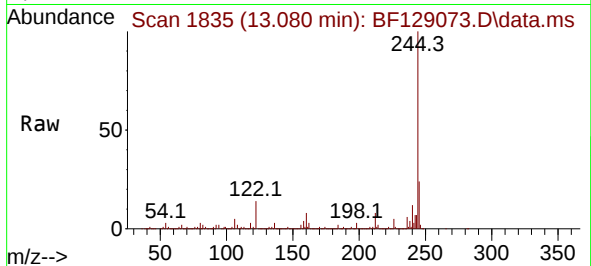




#77
Benzidine
Concen: 3.181 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF129073.D
Acq: 30 Jun 2022 22:31

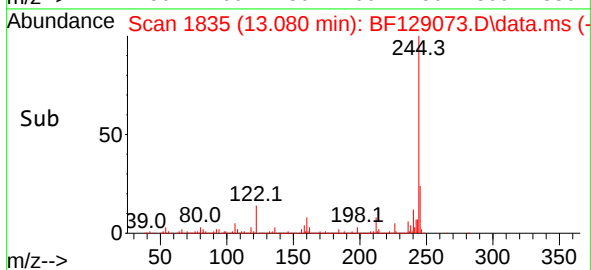
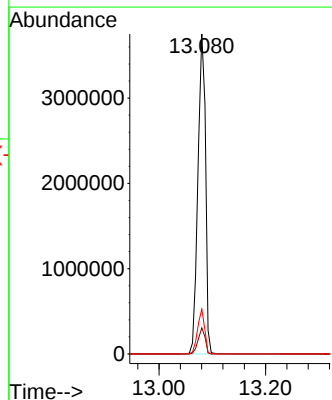
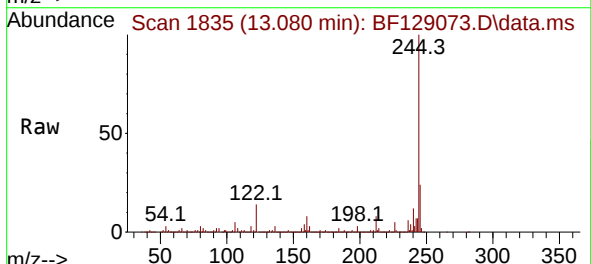
Instrument :
BNA_F
ClientSampleId :
PUMPHOUSE-SIDE-1

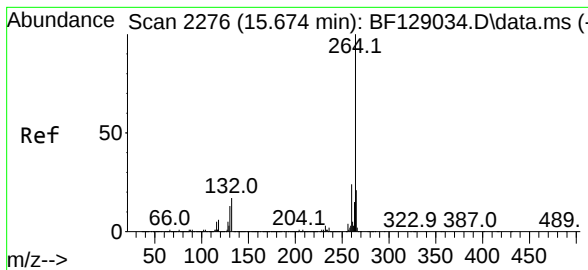
Tgt Ion:184 Resp: 53926
Ion Ratio Lower Upper
184 100
185 15.1 11.9 17.9
183 5.5 9.3 13.9#



#79
Terphenyl-d14
Concen: 81.477 ng
RT: 13.080 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF129073.D
Acq: 30 Jun 2022 22:31

Tgt Ion:244 Resp: 3735506
Ion Ratio Lower Upper
244 100
212 8.1 6.1 9.1
122 14.0 8.8 13.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.663 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129073.D
Acq: 30 Jun 2022 22:31

Instrument :
BNA_F
ClientSampleId :
PUMPHOUSE-SIDE-1

Tgt Ion:264 Resp: 768901

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.4	27.6
265	21.8	17.2	25.8

