

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071921\
 Data File : BF124620.D
 Acq On : 19 Jul 2021 18:42
 Operator : JU/CG
 Sample : M3083-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-087-RW7-IDWSO-20210715

Quant Time: Jul 20 02:04:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 19 11:33:09 2021
 Response via : Initial Calibration

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

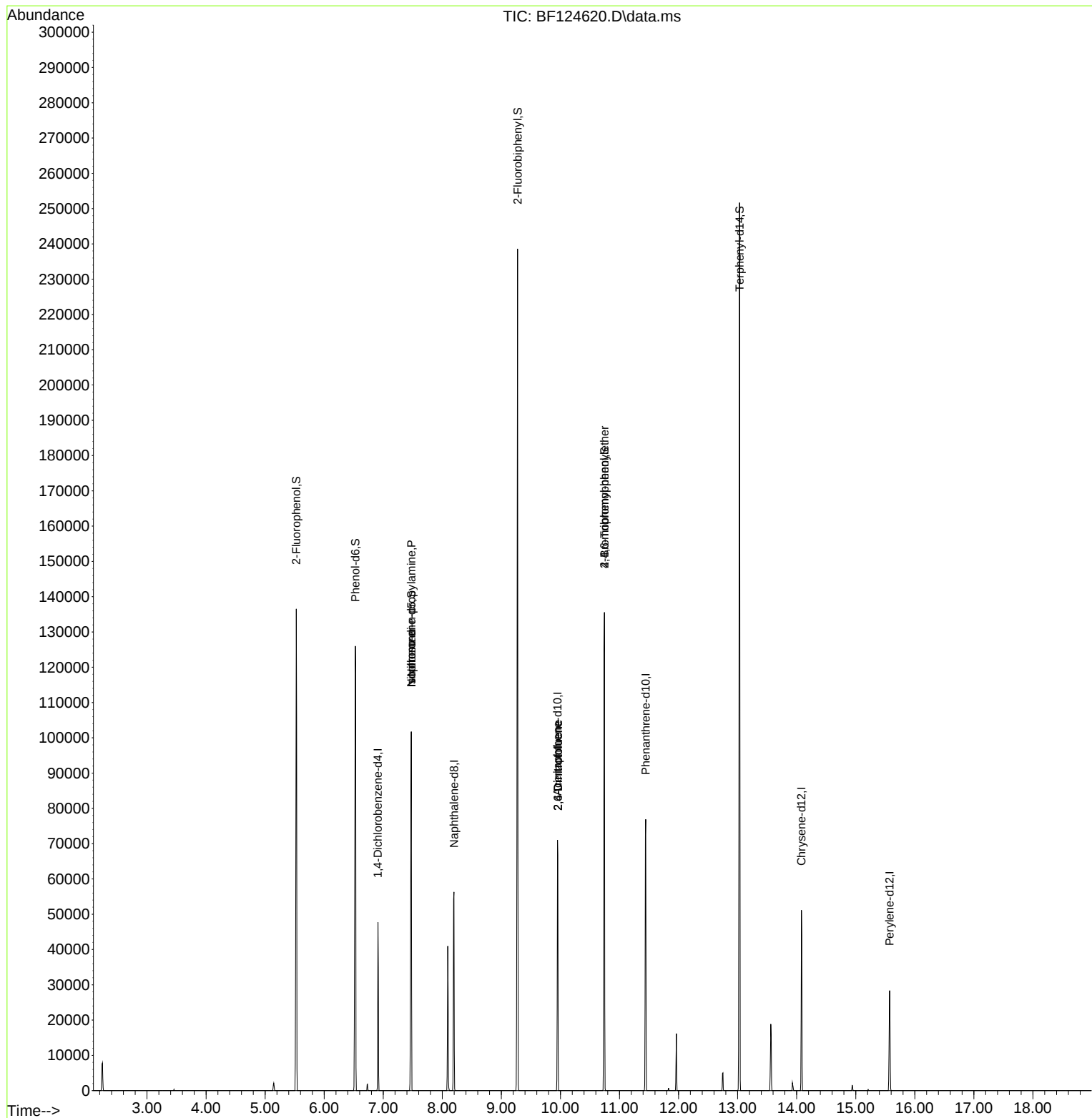
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	6838	20.00	ng	0.00
21) Naphthalene-d8	8.198	136	28690	20.00	ng	0.00
39) Acenaphthene-d10	9.951	164	16288	20.00	ng	0.00
64) Phenanthrene-d10	11.445	188	30340	20.00	ng	0.00
76) Chrysene-d12	14.080	240	18502	20.00	ng	0.00
86) Perylene-d12	15.574	264	13922	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	39093	99.05	ng	0.00
7) Phenol-d6	6.528	99	48083	100.15	ng	-0.02
23) Nitrobenzene-d5	7.475	82	30911	68.01	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	13531	106.75	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	71536	64.05	ng	0.00
79) Terphenyl-d14	13.033	244	83264	75.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	4013	14.87	ng	Qvalue
25) Isophorone	7.475	82	30576	36.65	ng	# 72
51) 2,6-Dinitrotoluene	9.957	165	1847	8.27	ng	# 59
57) 2,4-Dinitrotoluene	9.957	165	1847	6.04	ng	# 26
67) 4-Bromophenyl-phenylether	10.745	248	1077	3.43	ng	# 18
						# 1

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

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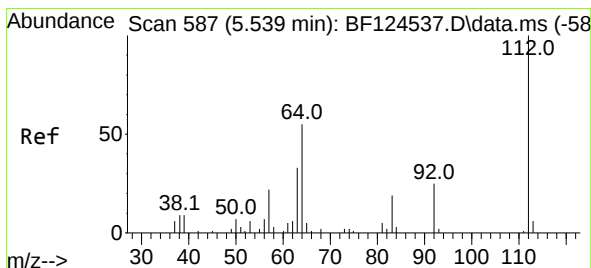
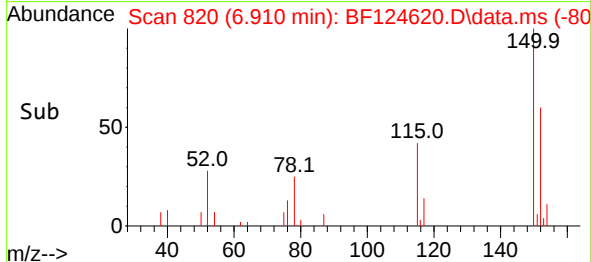
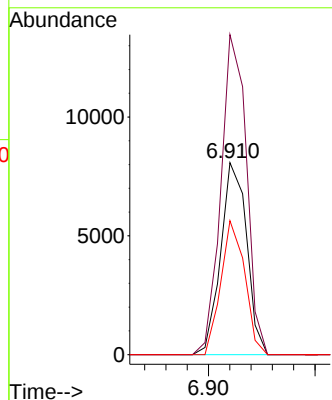
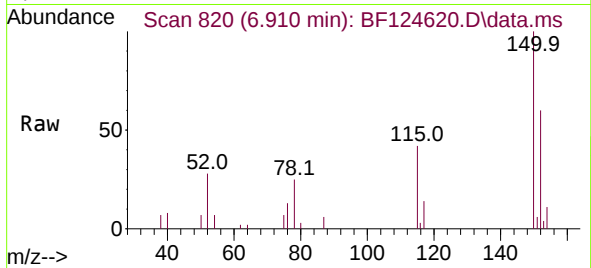




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF124620.D
Acq: 19 Jul 2021 18:42

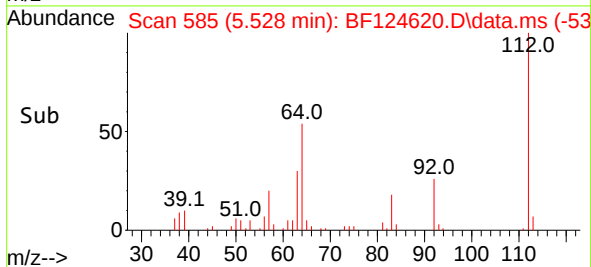
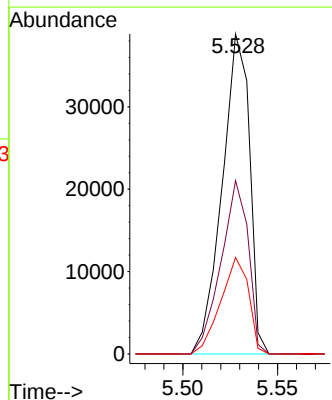
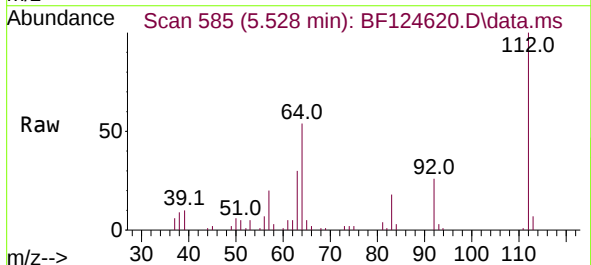
Instrument :
BNA_F
ClientSampleId :
TT-087-RW7-IDWSO-20210715

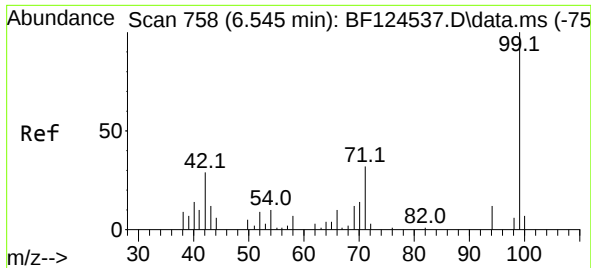
Tgt Ion:152 Resp: 6838
Ion Ratio Lower Upper
152 100
150 166.6 117.6 176.4
115 69.7 47.1 70.7



#5
2-Fluorophenol
Concen: 99.05 ng
RT: 5.528 min Scan# 585
Delta R.T. -0.006 min
Lab File: BF124620.D
Acq: 19 Jul 2021 18:42

Tgt Ion:112 Resp: 39093
Ion Ratio Lower Upper
112 100
64 54.2 44.2 66.2
63 30.1 26.2 39.2

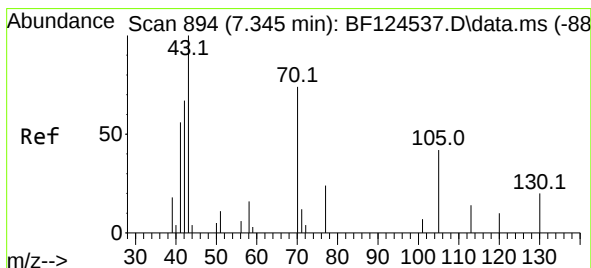
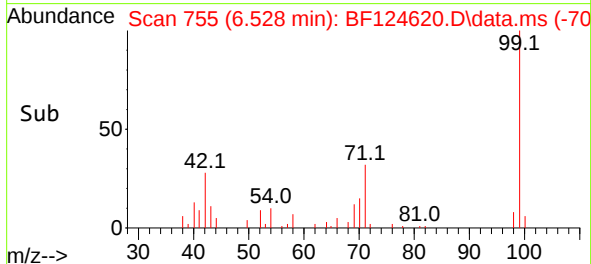
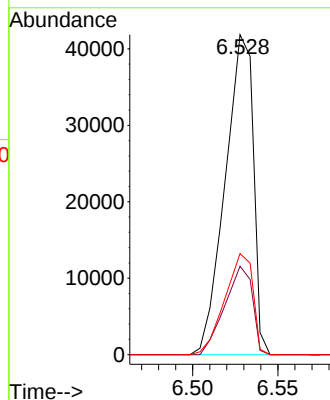
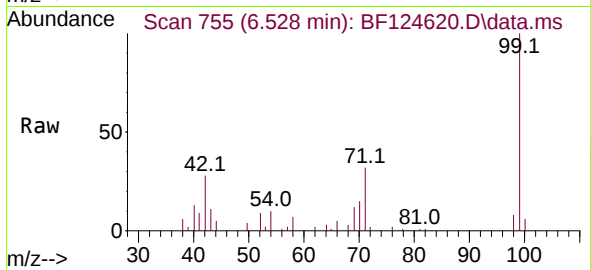




#7
Phenol-d6
Concen: 100.15 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.017 min
Lab File: BF124620.D
Acq: 19 Jul 2021 18:42

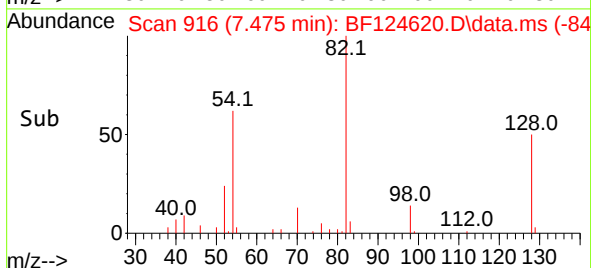
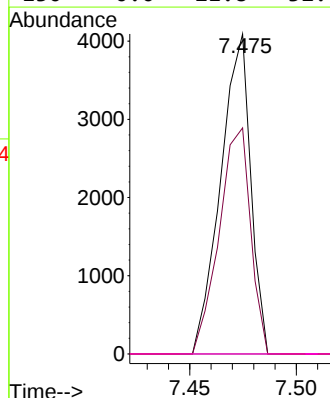
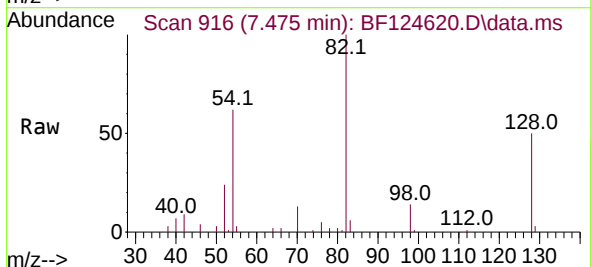
Instrument :
BNA_F
ClientSampleId :
TT-087-RW7-IDWSO-20210715

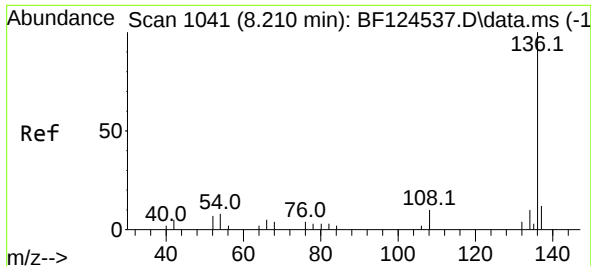
Tgt Ion:	99	Resp:	48083
Ion	Ratio	Lower	Upper
99	100		
42	27.6	23.5	35.3
71	31.6	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.87 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.141 min
Lab File: BF124620.D
Acq: 19 Jul 2021 18:42

Tgt Ion:	70	Resp:	4013
Ion	Ratio	Lower	Upper
70	100		
42	70.7	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

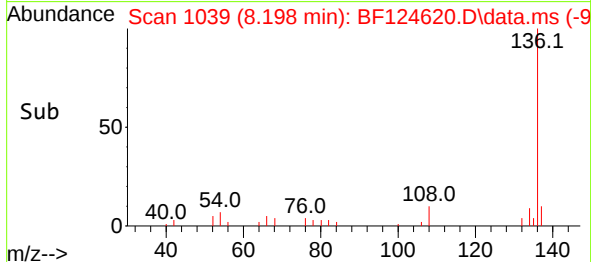
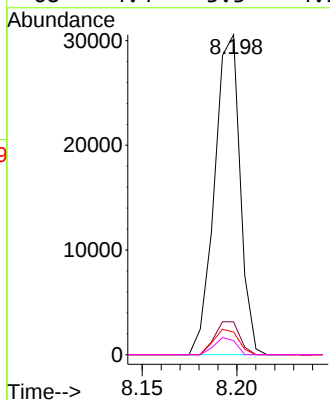
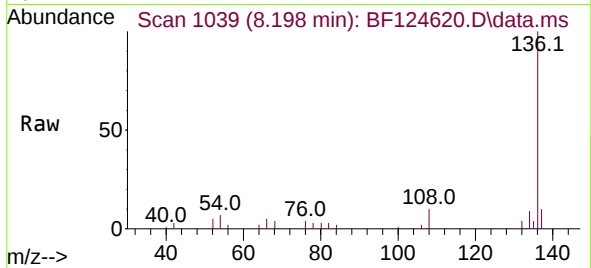




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF124620.D
Acq: 19 Jul 2021 18:42

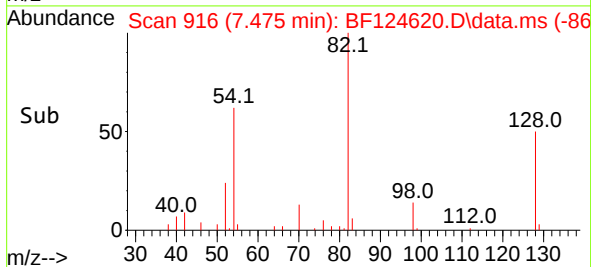
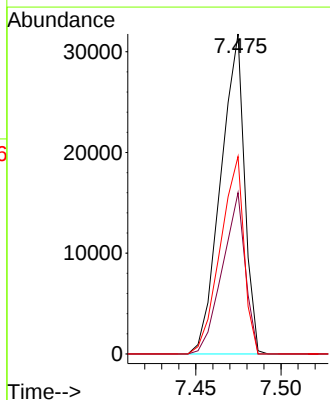
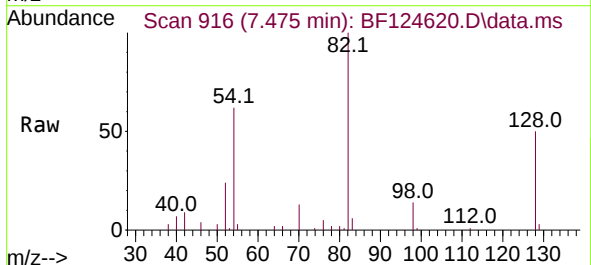
Instrument :
BNA_F
ClientSampleId :
TT-087-RW7-IDWSO-20210715

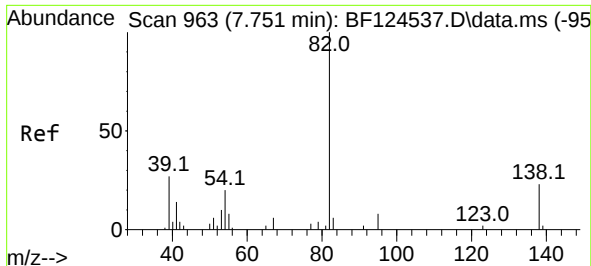
Tgt Ion:136	Resp:	28690
Ion Ratio	Lower	Upper
136	100	
137	10.2	9.8 14.6
54	7.1	6.4 9.6
68	4.4	3.3 4.9



#23
Nitrobenzene-d5
Concen: 68.01 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF124620.D
Acq: 19 Jul 2021 18:42

Tgt Ion: 82	Resp:	30911
Ion Ratio	Lower	Upper
82	100	
128	50.4	40.6 60.8
54	61.7	49.6 74.4

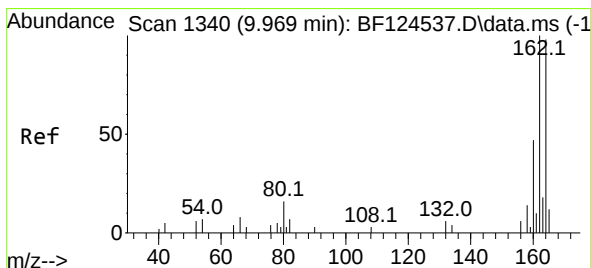
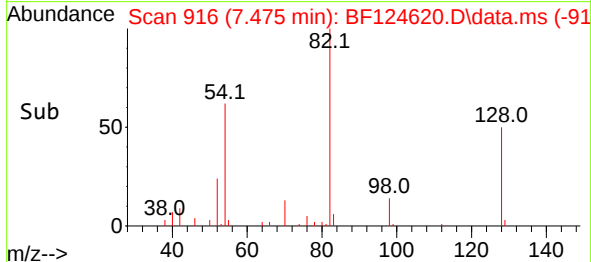
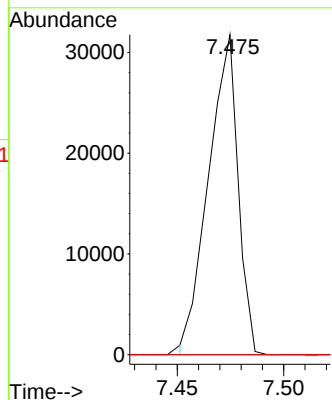
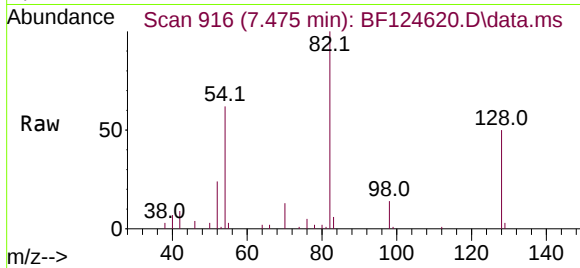




#25
Isophorone
Concen: 36.65 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.270 min
Lab File: BF124620.D
Acq: 19 Jul 2021 18:42

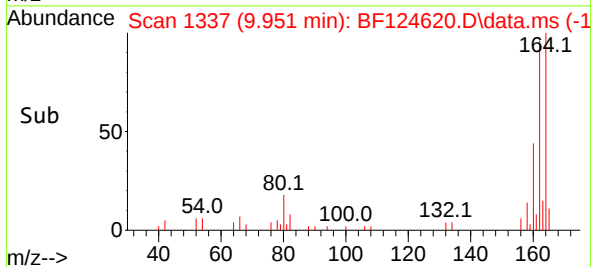
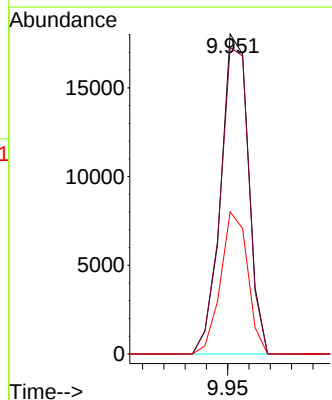
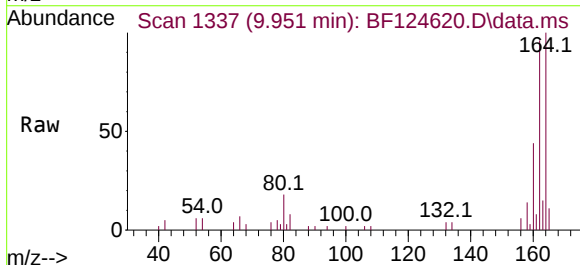
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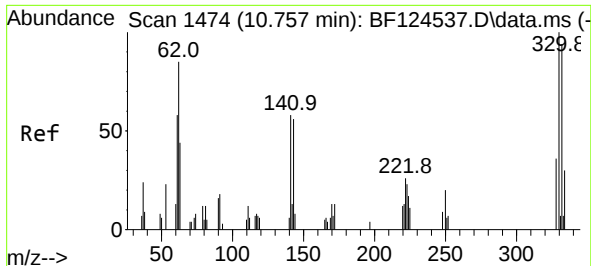
Tgt Ion: 82 Resp: 30576
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF124620.D
Acq: 19 Jul 2021 18:42

Tgt Ion: 164 Resp: 16288
Ion Ratio Lower Upper
164 100
162 95.8 81.3 121.9
160 44.4 38.0 57.0

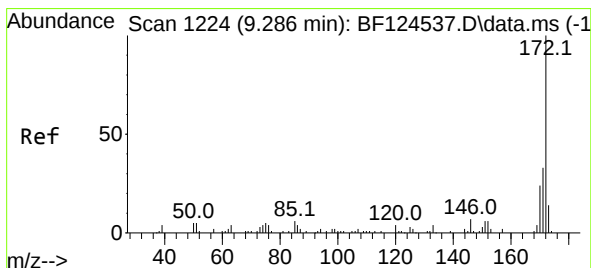
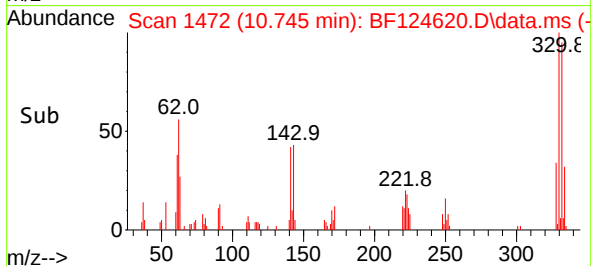
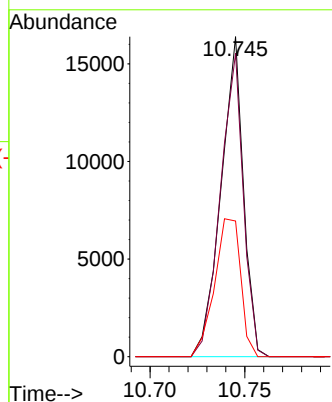
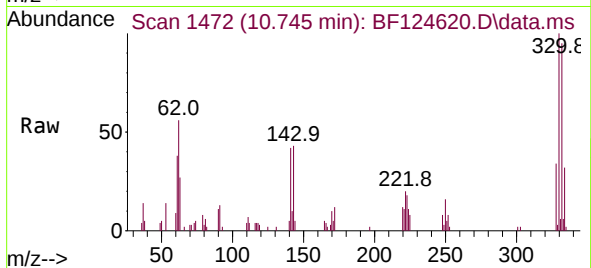




#42
2,4,6-Tribromophenol
Concen: 106.75 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF124620.D
Acq: 19 Jul 2021 18:42

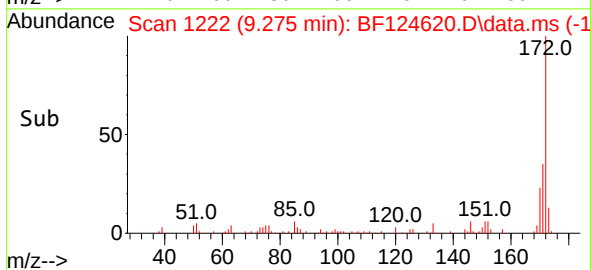
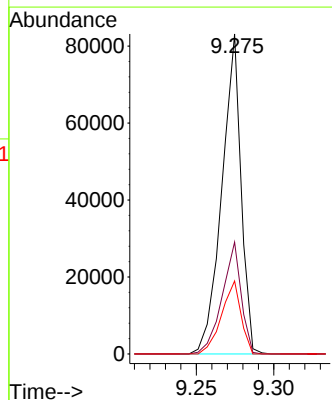
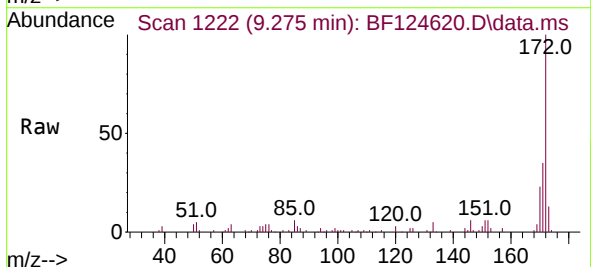
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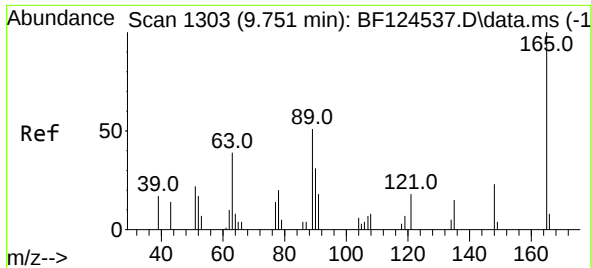
Tgt Ion: 330 Resp: 13531
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 50.3 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 64.05 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF124620.D
Acq: 19 Jul 2021 18:42

Tgt Ion: 172 Resp: 71536
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 22.8 18.8 28.2

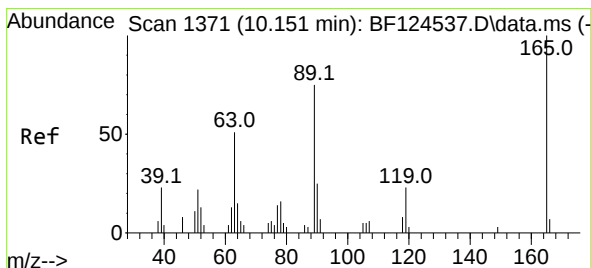
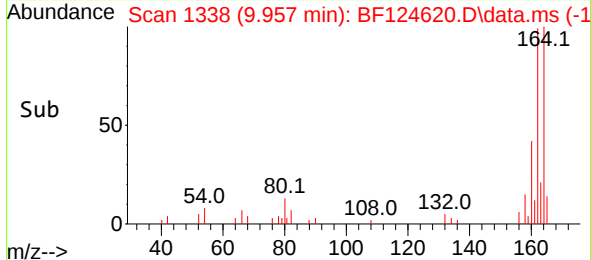
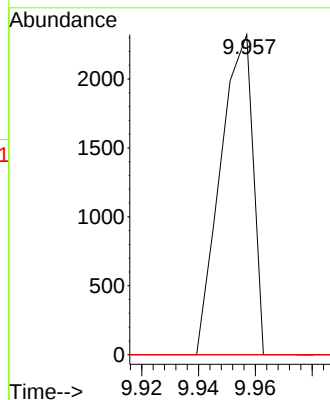
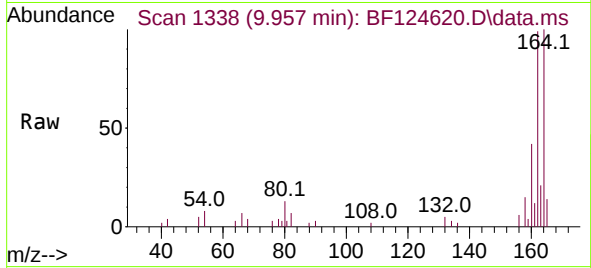




#51
2,6-Dinitrotoluene
Concen: 8.27 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.212 min
Lab File: BF124620.D
Acq: 19 Jul 2021 18:42

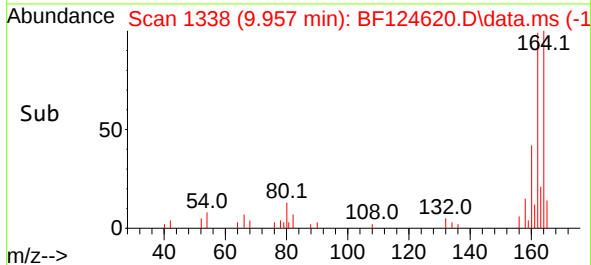
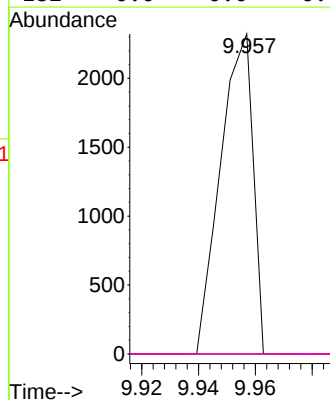
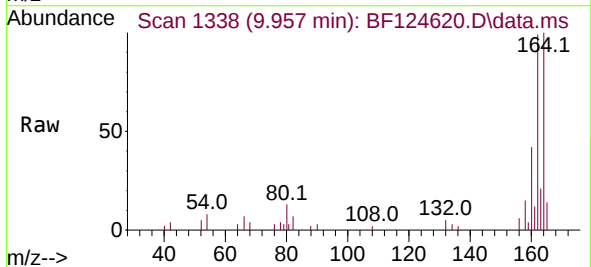
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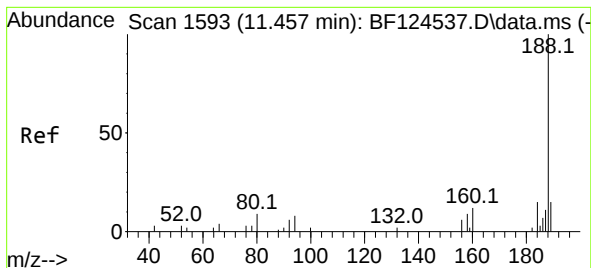
Tgt Ion:165 Resp: 1847
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF124620.D
Acq: 19 Jul 2021 18:42

Tgt Ion:165 Resp: 1847
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

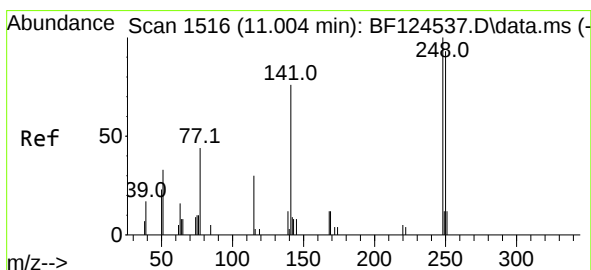
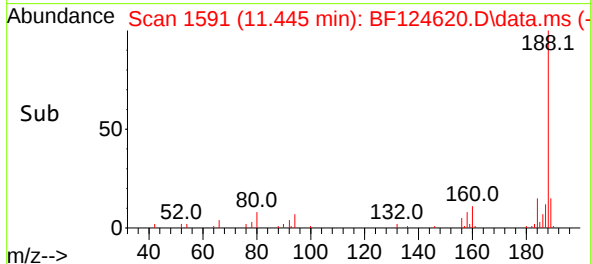
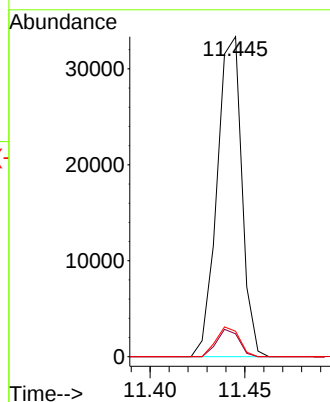
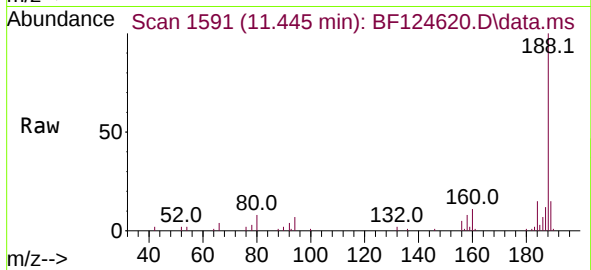




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF124620.D
Acq: 19 Jul 2021 18:42

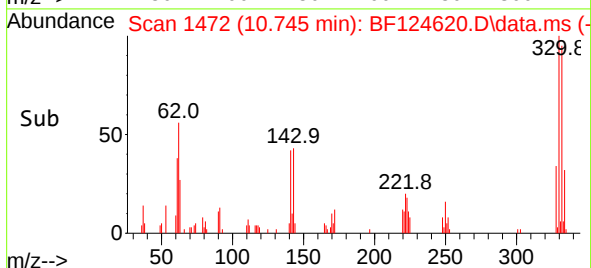
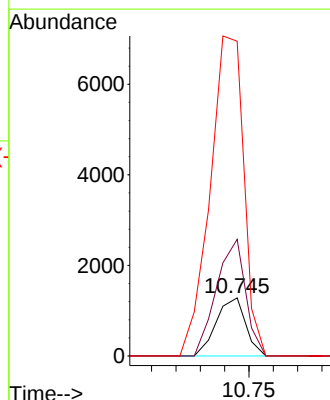
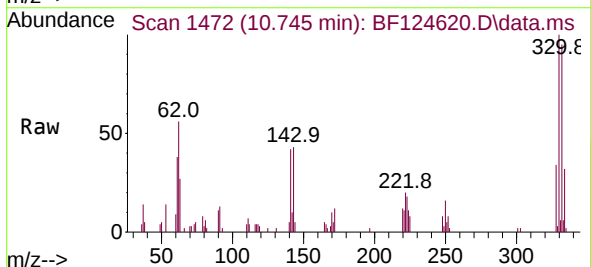
Instrument :
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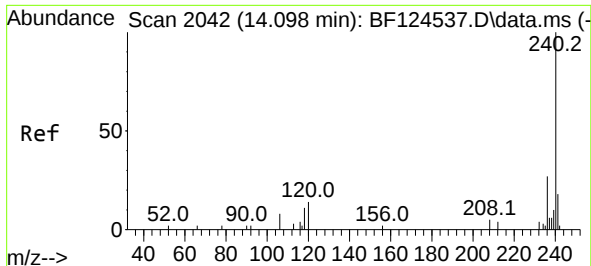
Tgt Ion:188 Resp: 30340
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 7.9 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.43 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF124620.D
Acq: 19 Jul 2021 18:42

Tgt Ion:248 Resp: 1077
Ion Ratio Lower Upper
248 100
250 200.6 74.2 111.4#
141 541.5 60.4 90.6#

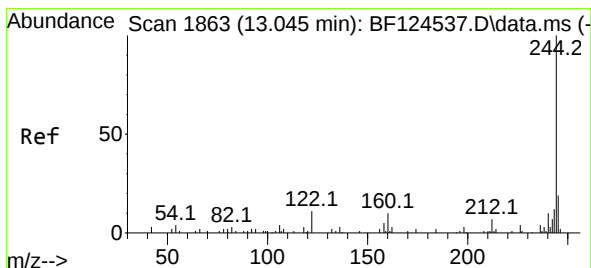
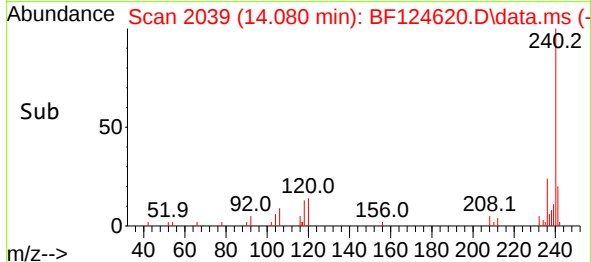
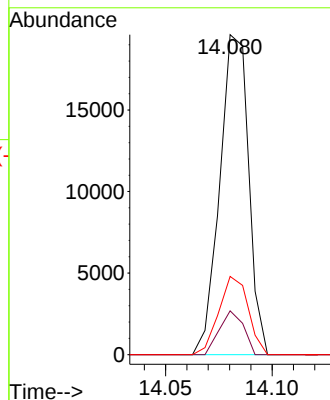
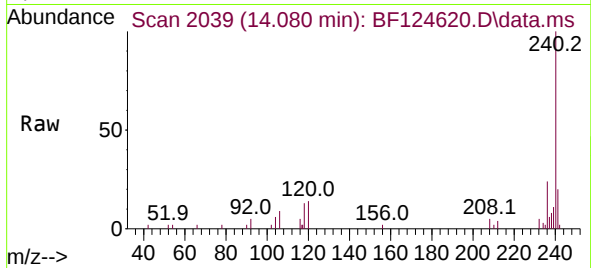




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF124620.D
Acq: 19 Jul 2021 18:42

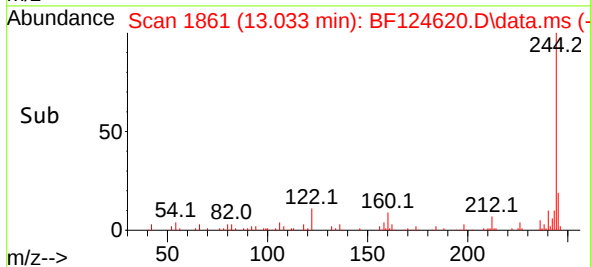
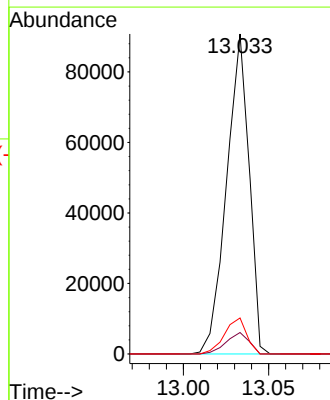
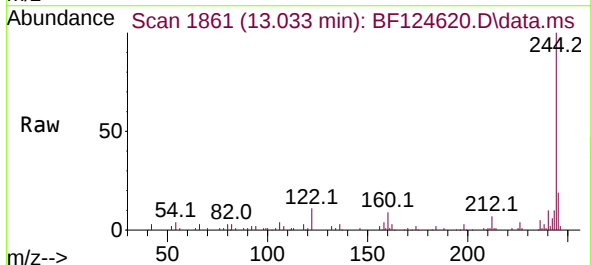
Instrument :
BNA_F
ClientSampleId :
TT-087-RW7-IDWSO-20210715

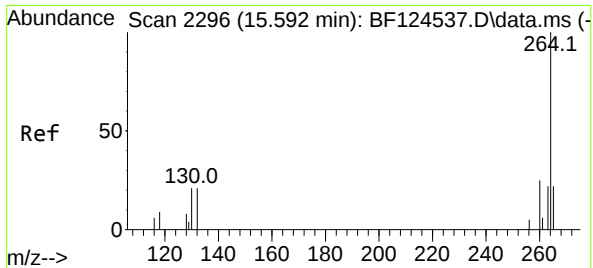
Tgt Ion:240 Resp: 18502
Ion Ratio Lower Upper
240 100
120 13.7 10.8 16.2
236 24.5 21.6 32.4



#79
Terphenyl-d14
Concen: 75.57 ng
RT: 13.033 min Scan# 1861
Delta R.T. 0.000 min
Lab File: BF124620.D
Acq: 19 Jul 2021 18:42

Tgt Ion:244 Resp: 83264
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 11.3 9.0 13.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.006 min
 Lab File: BF124620.D
 Acq: 19 Jul 2021 18:42

Instrument :
 BNA_F
 ClientSampleId :
 TT-087-RW7-IDWSO-20210715

Tgt Ion:264	Resp:	13922
Ion Ratio	Lower	Upper
264	100	
260	22.0	19.6 29.4
265	22.6	17.2 25.8

