

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090121\
 Data File : BF125305.D
 Acq On : 1 Sep 2021 14:28
 Operator : JU/CG
 Sample : M3561-04RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OUII-C

Quant Time: Sep 02 08:15:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

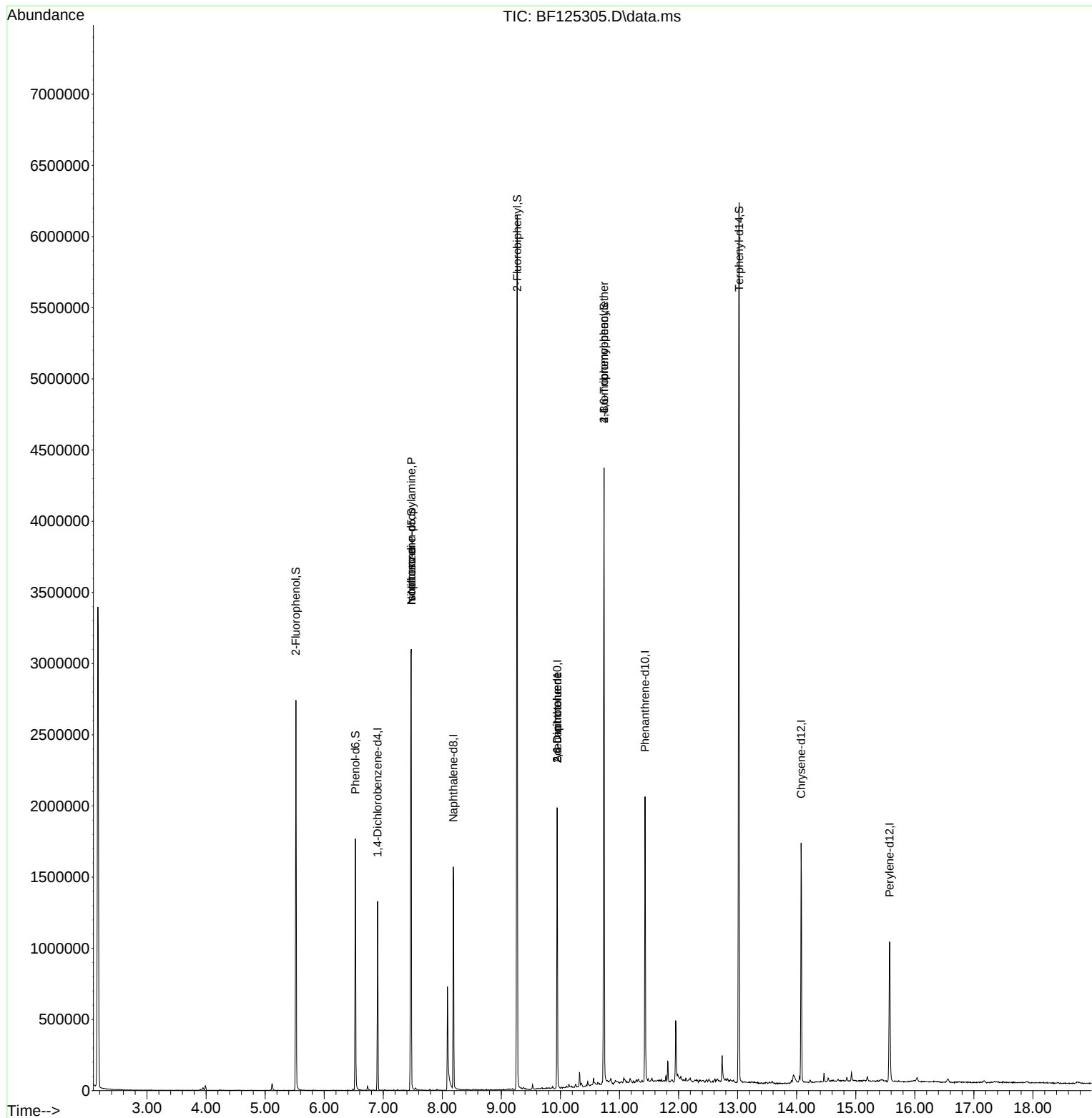
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	168437	20.000	ng	-0.01
21) Naphthalene-d8	8.186	136	663989	20.000	ng	#-0.01
39) Acenaphthene-d10	9.945	164	367383	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	706544	20.000	ng	0.00
76) Chrysene-d12	14.074	240	588989	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	470012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	639286	57.447	ng	0.00
7) Phenol-d6	6.528	99	522182	36.282	ng	-0.01
23) Nitrobenzene-d5	7.475	82	1114174	84.477	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	572355	156.070	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1923768	72.981	ng	0.00
79) Terphenyl-d14	13.027	244	2562383	69.307	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	150111	17.340	ng	# 55
25) Isophorone	7.475	82	1114159	43.790	ng	# 59
51) 2,6-Dinitrotoluene	9.945	165	49428	8.954	ng	# 28
57) 2,4-Dinitrotoluene	9.945	165	49428	7.398	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	34528	4.070	ng	# 1

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

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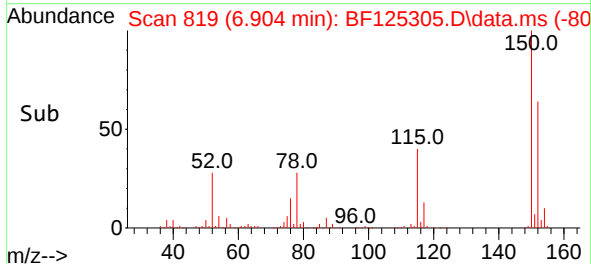
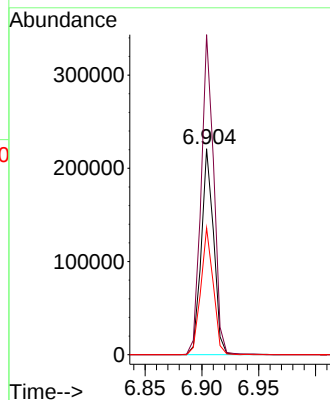
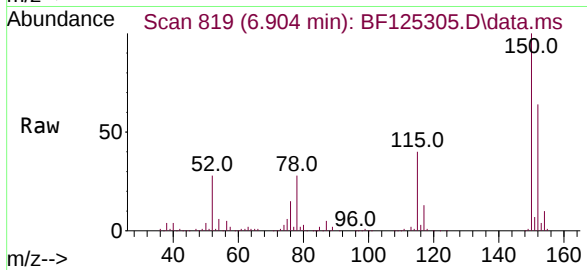




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF125305.D
Acq: 1 Sep 2021 14:28

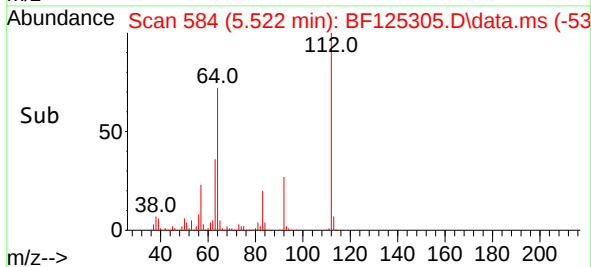
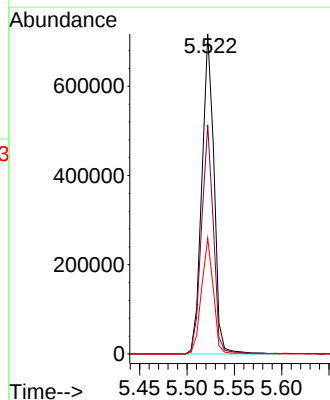
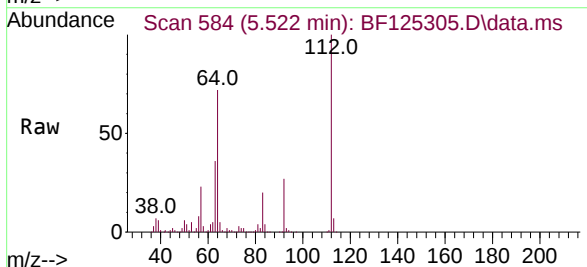
Instrument :
BNA_F
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OUII-C

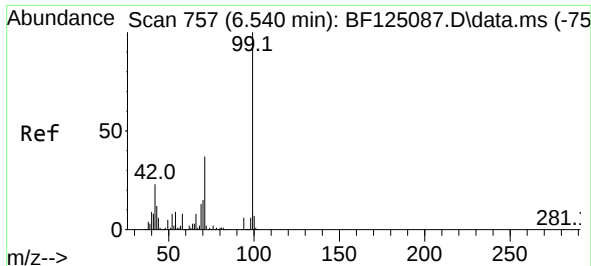
Tgt Ion:152 Resp: 168437
Ion Ratio Lower Upper
152 100
150 155.4 117.6 176.4
115 61.5 47.1 70.7



#5
2-Fluorophenol
Concen: 57.447 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.006 min
Lab File: BF125305.D
Acq: 1 Sep 2021 14:28

Tgt Ion:112 Resp: 639286
Ion Ratio Lower Upper
112 100
64 71.6 44.2 66.2#
63 36.1 26.2 39.2

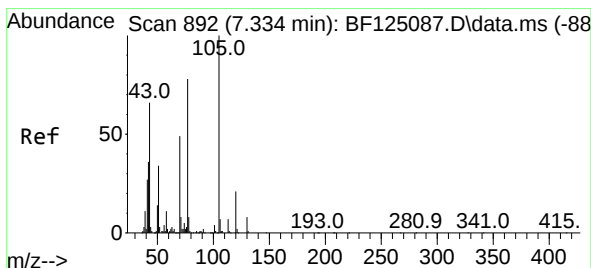
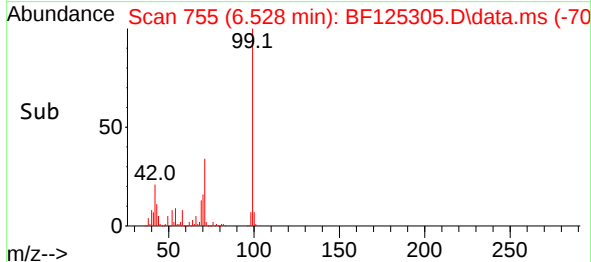
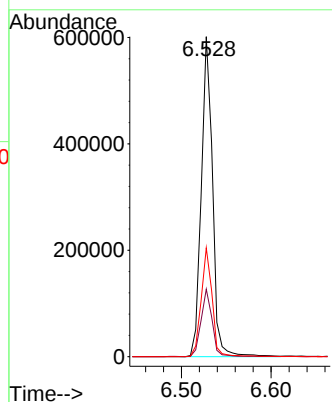
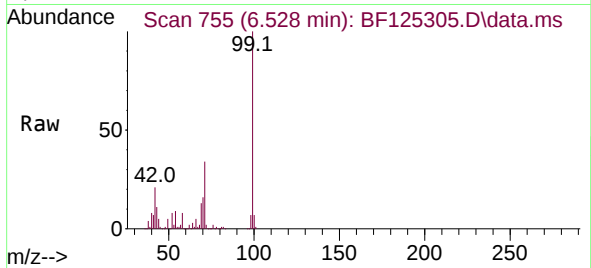




#7
Phenol-d6
Concen: 36.282 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF125305.D
Acq: 1 Sep 2021 14:28

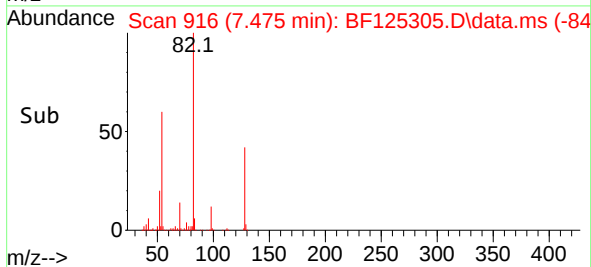
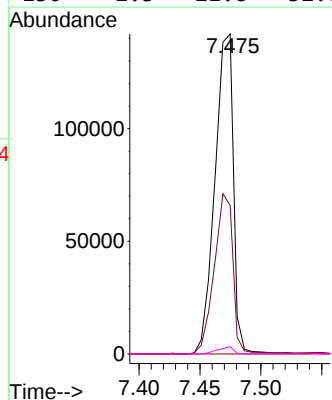
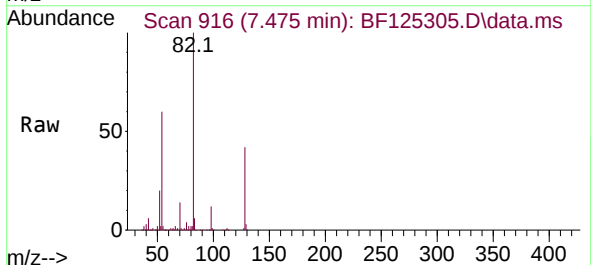
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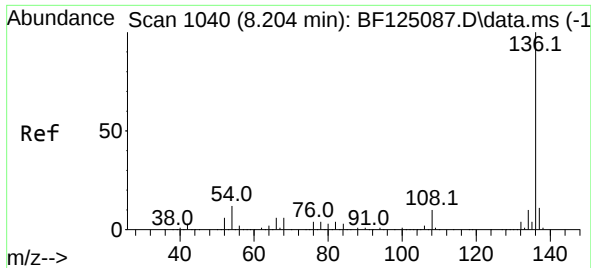
Tgt Ion: 99 Resp: 522182
Ion Ratio Lower Upper
99 100
42 21.1 23.5 35.3#
71 34.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.340 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125305.D
Acq: 1 Sep 2021 14:28

Tgt Ion: 70 Resp: 150111
Ion Ratio Lower Upper
70 100
42 46.5 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#

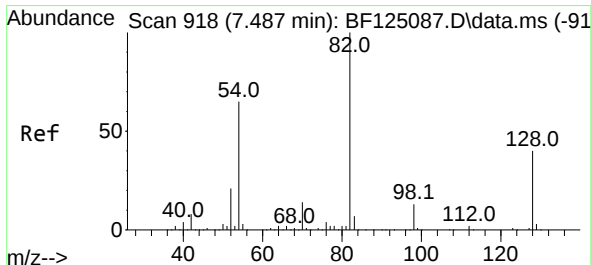
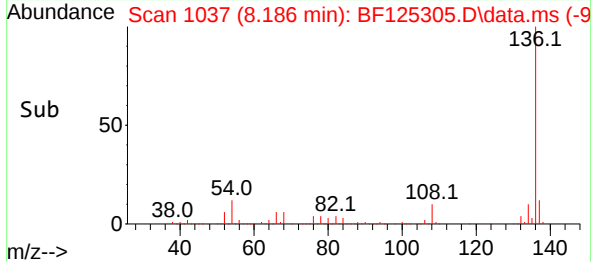
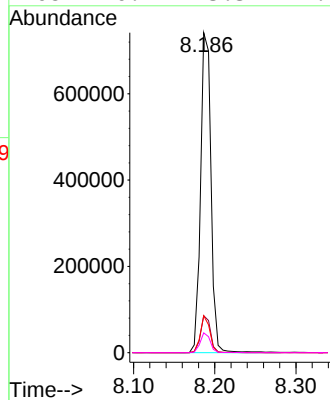
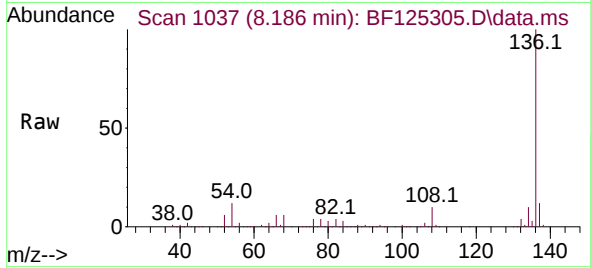




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF125305.D
Acq: 1 Sep 2021 14:28

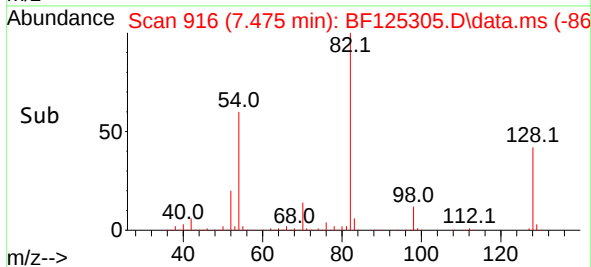
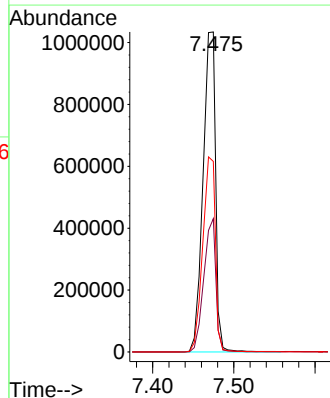
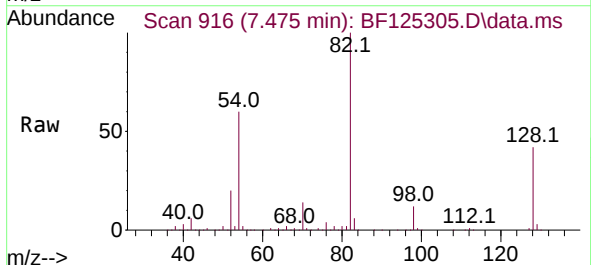
Instrument :
BNA_F
ClientSampleId :
OUII-C

Tgt	Ion:136	Resp:	663989
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.8	14.6
54	11.6	6.4	9.6#
68	6.2	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 84.477 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125305.D
Acq: 1 Sep 2021 14:28

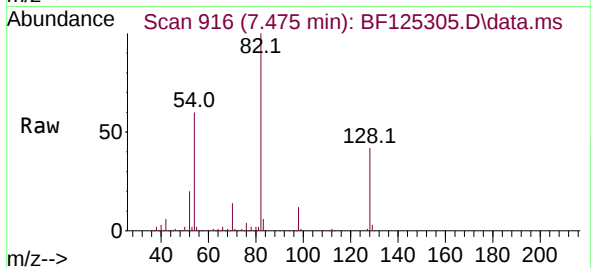
Tgt Ion: 82		Resp: 1114174	
Ion	Ratio	Lower	Upper
82	100		
128	41.7	40.6	60.8
54	59.6	49.6	74.4



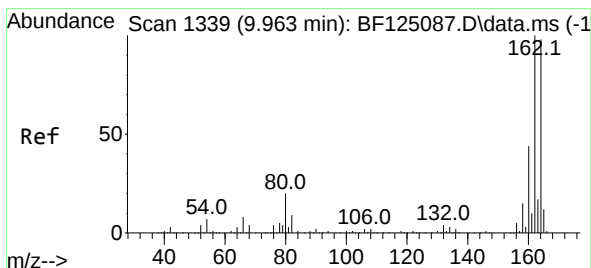
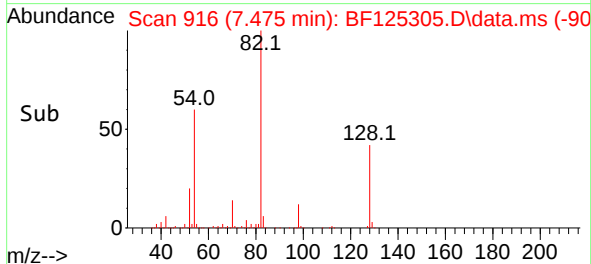
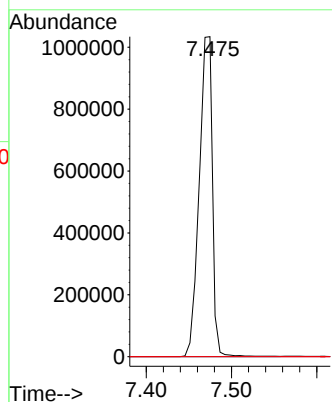


#25
Isophorone
Concen: 43.790 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125305.D
Acq: 1 Sep 2021 14:28

Instrument :
BNA_F
ClientSampleId :
OUII-C

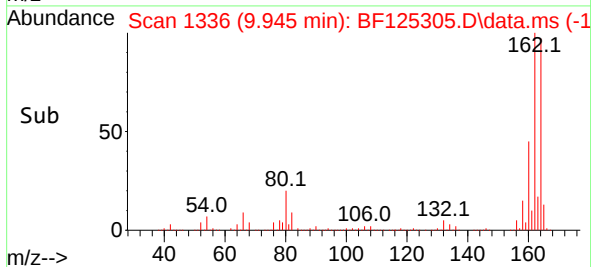
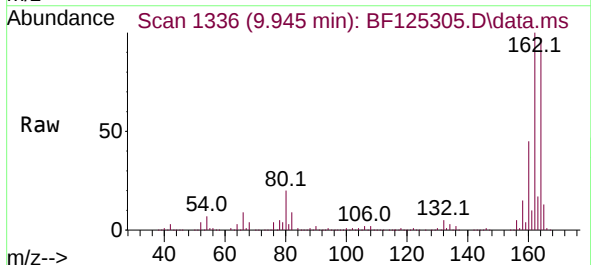
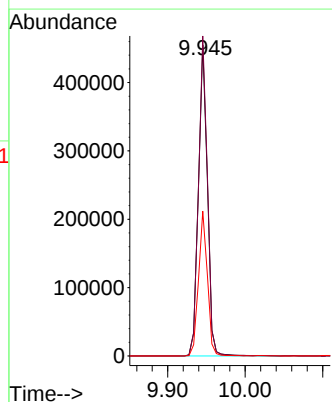


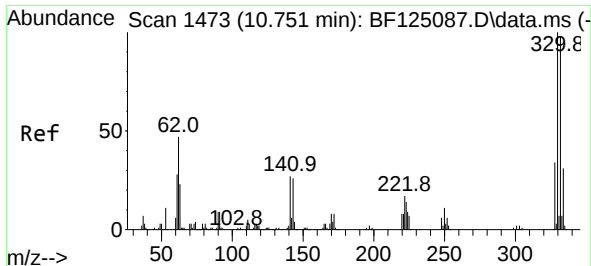
Tgt Ion: 82 Resp: 1114159
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF125305.D
Acq: 1 Sep 2021 14:28

Tgt Ion: 164 Resp: 367383
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 46.6 38.0 57.0

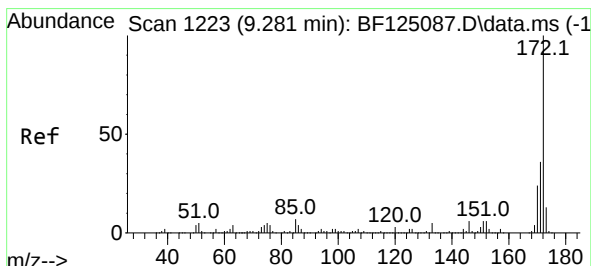
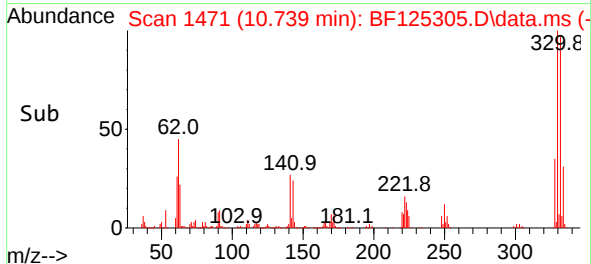
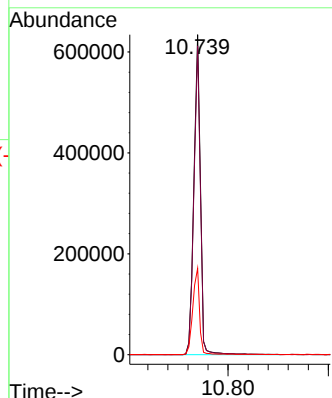
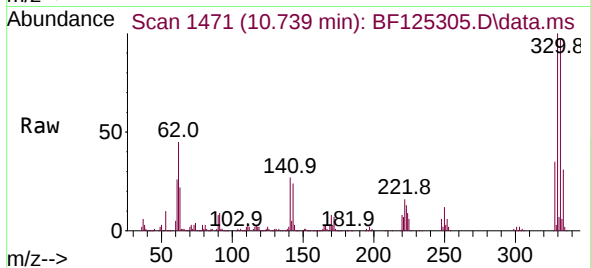




#42
2,4,6-Tribromophenol
Concen: 156.070 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125305.D
Acq: 1 Sep 2021 14:28

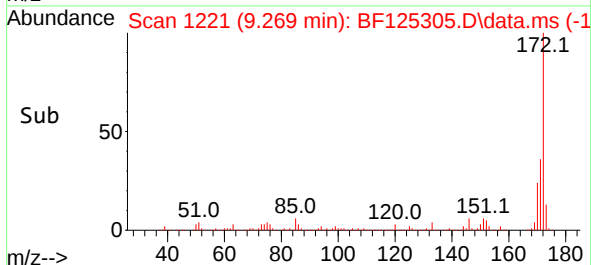
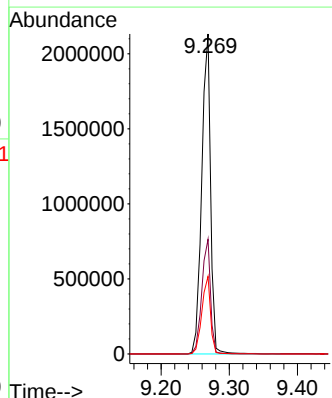
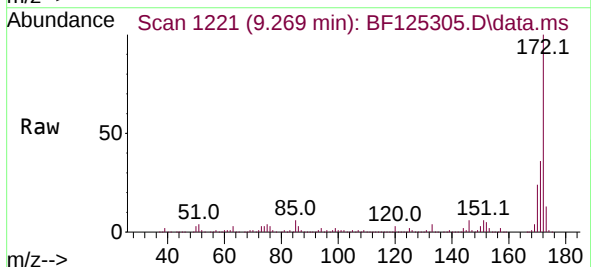
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ClientSampleId :
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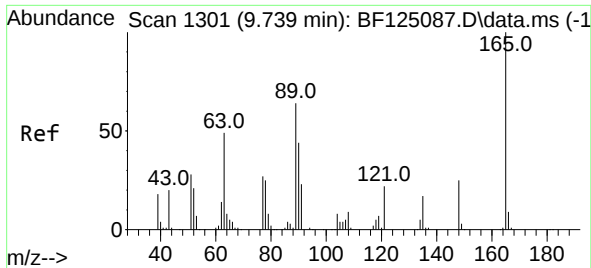
Tgt Ion: 330 Resp: 572355
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 28.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 72.981 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125305.D
Acq: 1 Sep 2021 14:28

Tgt Ion: 172 Resp: 1923768
Ion Ratio Lower Upper
172 100
171 35.9 26.5 39.7
170 24.2 18.8 28.2

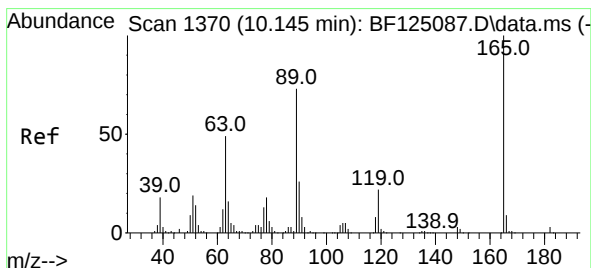
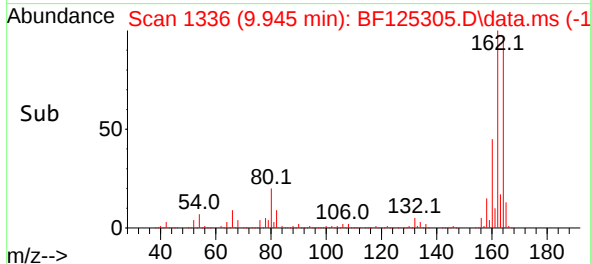
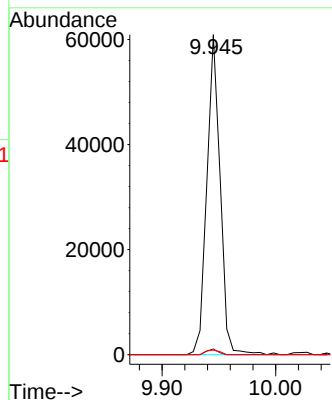
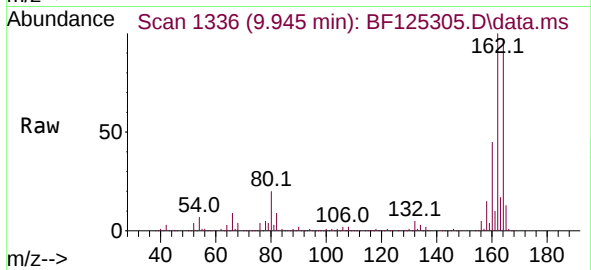




#51
2,6-Dinitrotoluene
Concen: 8.954 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF125305.D
Acq: 1 Sep 2021 14:28

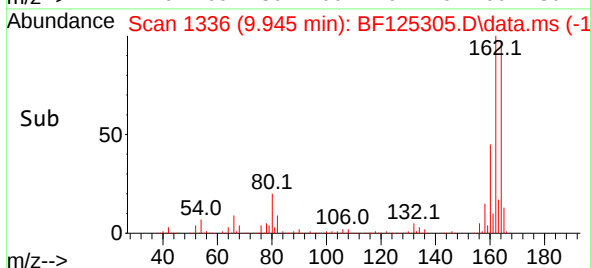
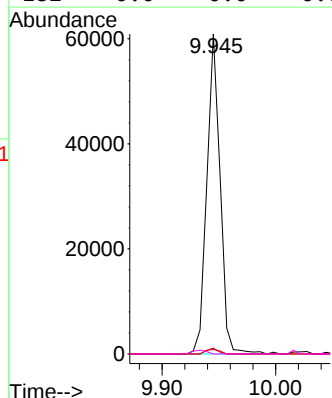
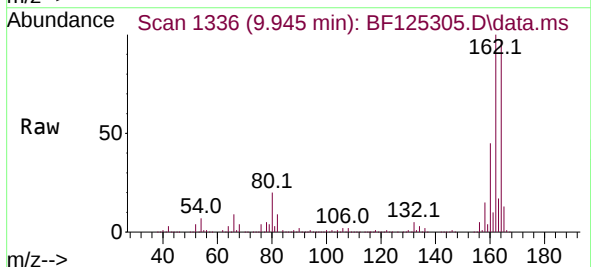
Instrument :
BNA_F
ClientSampled :
OUII-C

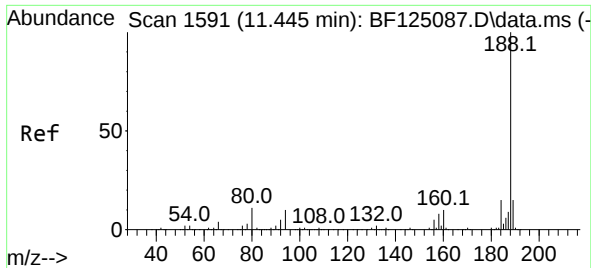
Tgt Ion:165 Resp: 49428
Ion Ratio Lower Upper
165 100
63 1.8 42.6 63.8#
89 1.4 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.398 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.188 min
Lab File: BF125305.D
Acq: 1 Sep 2021 14:28

Tgt Ion:165 Resp: 49428
Ion Ratio Lower Upper
165 100
63 1.8 40.9 61.3#
89 1.4 59.7 89.5#
182 0.0 0.0 0.0

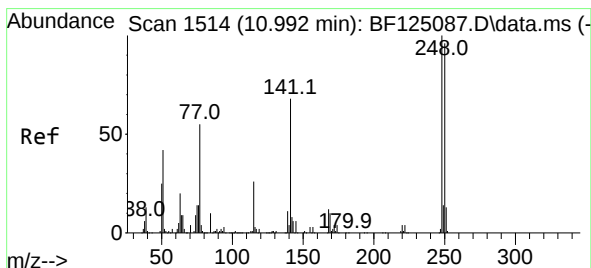
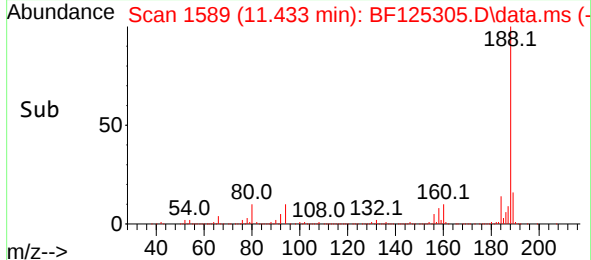
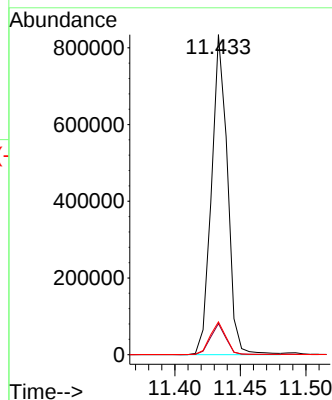
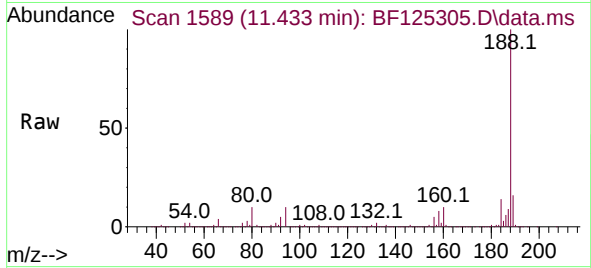




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF125305.D
Acq: 1 Sep 2021 14:28

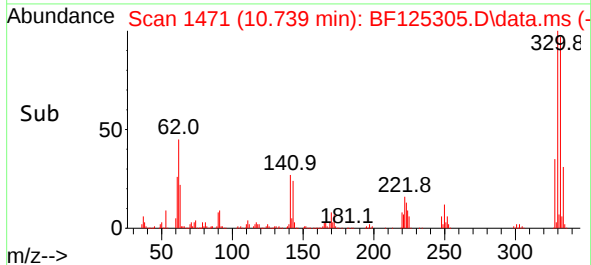
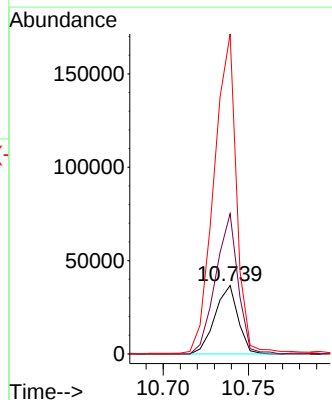
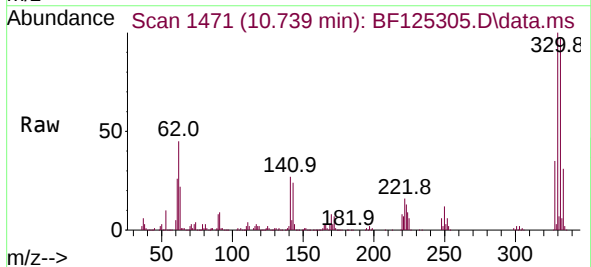
Instrument :
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ClientSampled :
OUII-C

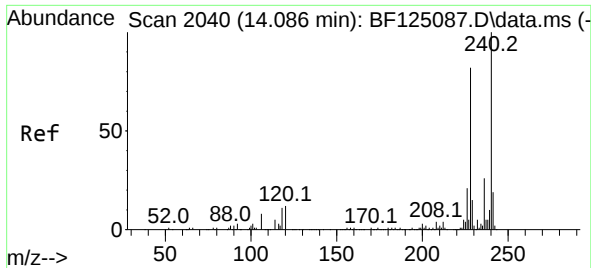
Tgt Ion:188 Resp: 706544
Ion Ratio Lower Upper
188 100
94 9.7 6.7 10.1
80 10.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.070 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125305.D
Acq: 1 Sep 2021 14:28

Tgt Ion:248 Resp: 34528
Ion Ratio Lower Upper
248 100
250 204.9 74.2 111.4#
141 467.3 60.4 90.6#

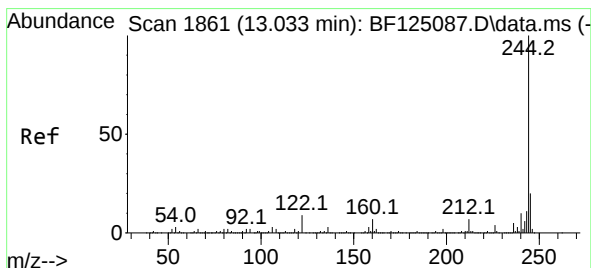
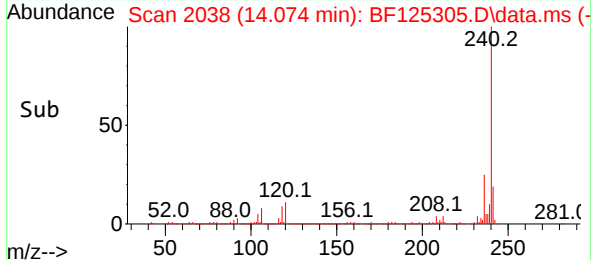
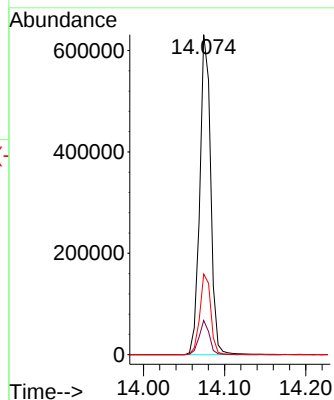
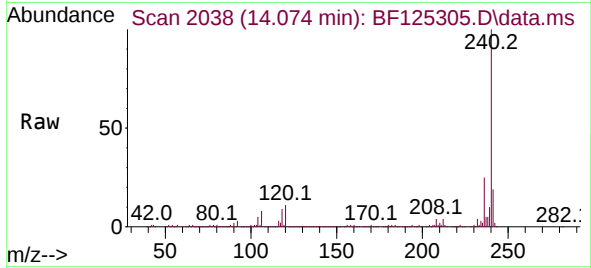




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125305.D
Acq: 1 Sep 2021 14:28

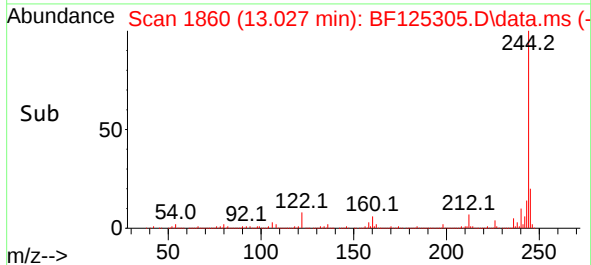
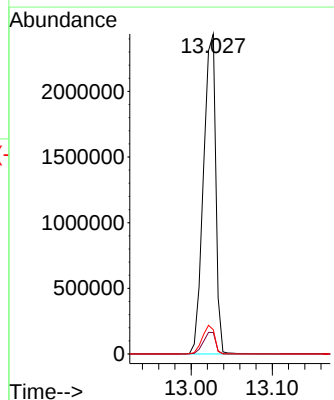
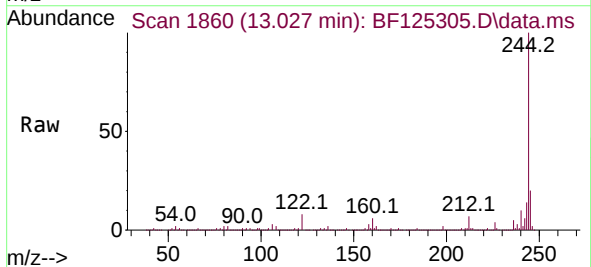
Instrument :
BNA_F
ClientSampleId :
OUII-C

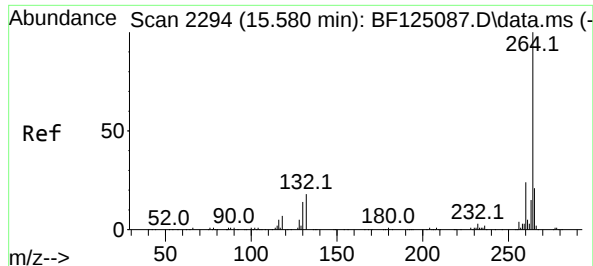
Tgt Ion:240 Resp: 588989
Ion Ratio Lower Upper
240 100
120 10.7 10.8 16.2#
236 25.2 21.6 32.4



#79
Terphenyl-d14
Concen: 69.307 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125305.D
Acq: 1 Sep 2021 14:28

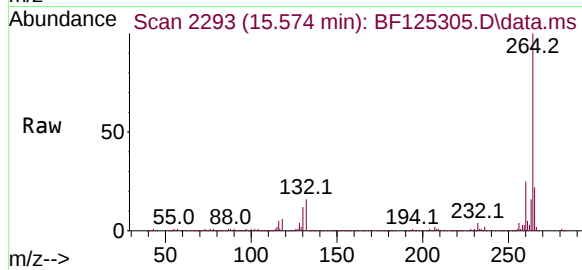
Tgt Ion:244 Resp: 2562383
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 7.5 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2293
 Delta R.T. 0.000 min
 Lab File: BF125305.D
 Acq: 1 Sep 2021 14:28

Instrument :
 BNA_F
 ClientSampleId :
 OUII-C



Tgt Ion:264 Resp: 470012
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.6 29.4
 265 21.9 17.2 25.8

