

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083121\
 Data File : BF125287.D
 Acq On : 31 Aug 2021 14:21
 Operator : JU/CG
 Sample : M3561-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OUII-E

Quant Time: Aug 31 14:55:10 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

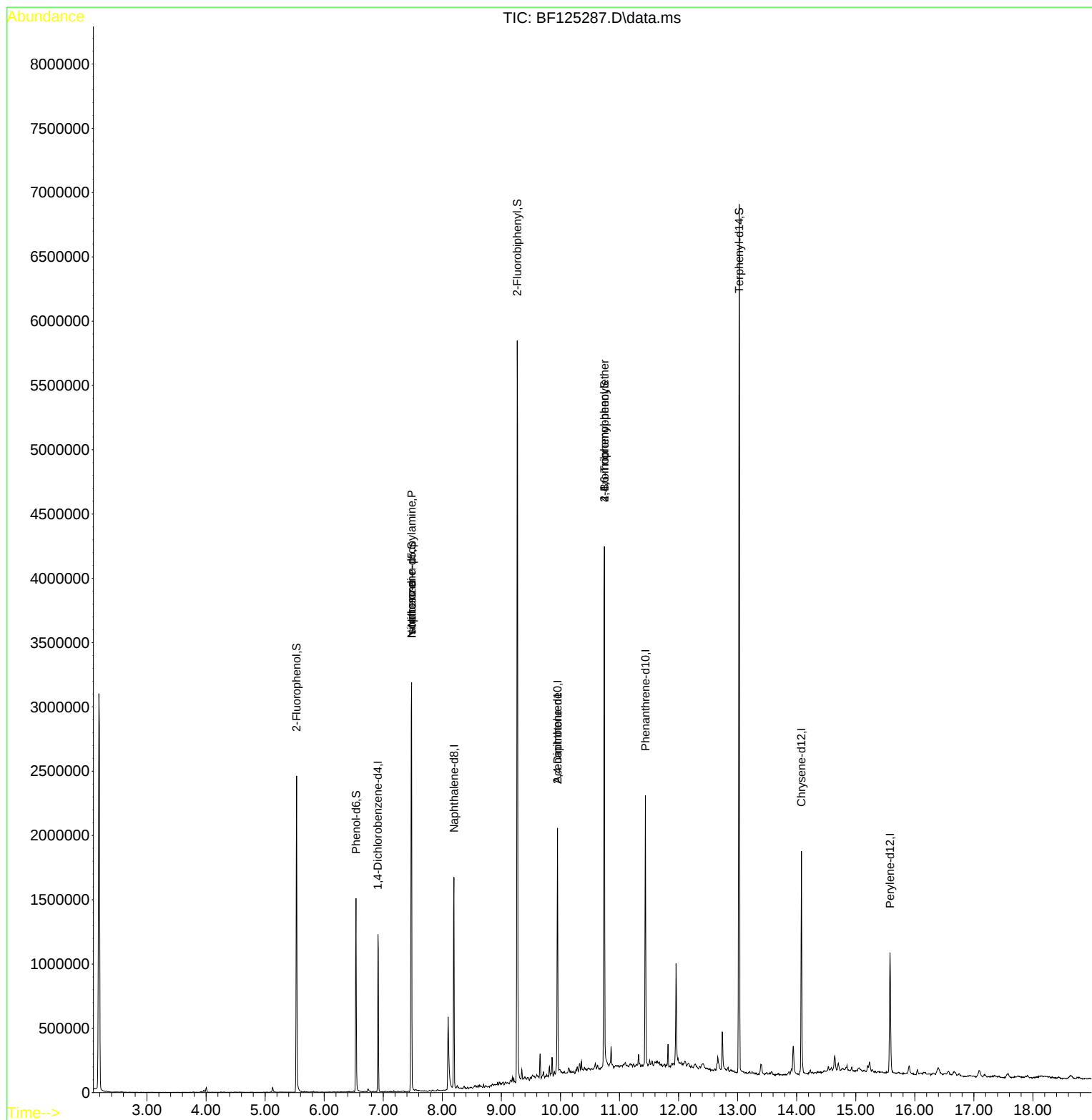
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	177372	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	685532	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	385866	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	748091	20.000	ng	0.00
76) Chrysene-d12	14.080	240	554120	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	445955	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	600025	51.203	ng	0.00
7) Phenol-d6	6.539	99	464742	30.664	ng	0.00
23) Nitrobenzene-d5	7.481	82	1085987	79.753	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	576631	149.704	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1922001	69.422	ng	0.00
79) Terphenyl-d14	13.027	244	2741177	78.809	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	148371	16.276	ng	# 57
25) Isophorone	7.481	82	1085971	41.341	ng	# 59
57) 2,4-Dinitrotoluene	9.951	165	51357	7.318	ng	# 20
67) 4-Bromophenyl-phenylether	10.745	248	34930	3.888	ng	# 1

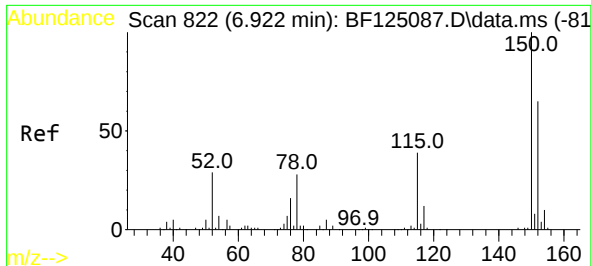
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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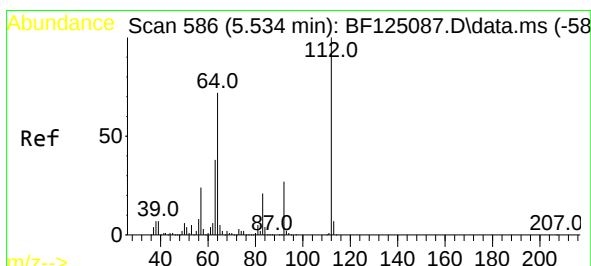
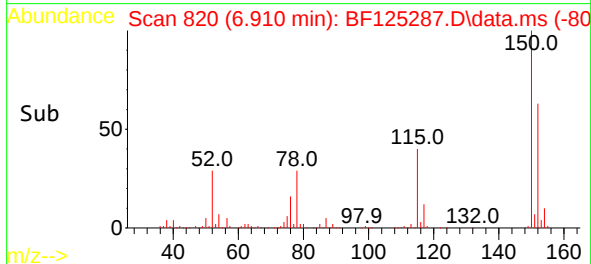
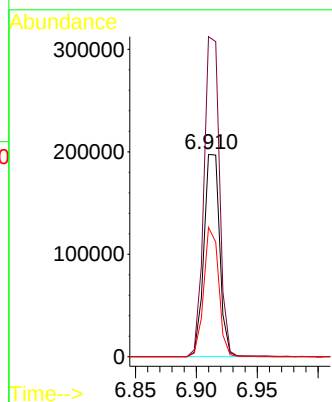
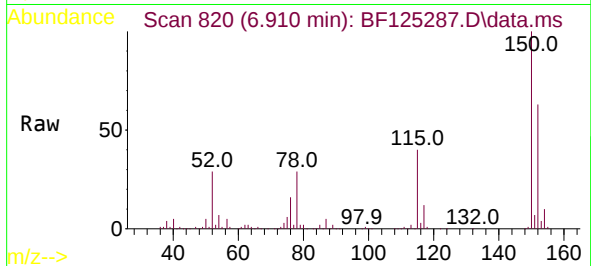




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125287.D
Acq: 31 Aug 2021 14:21

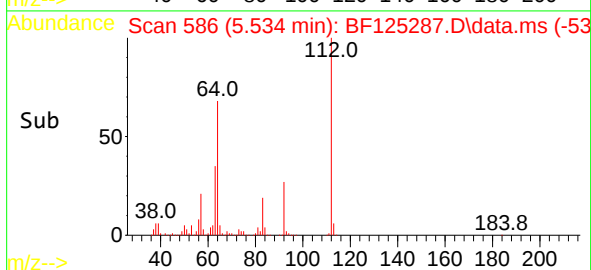
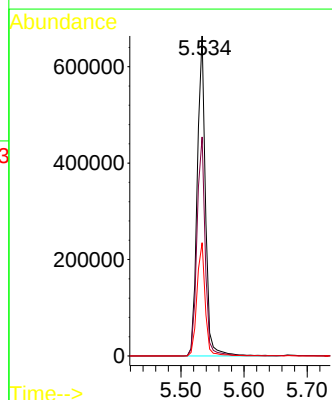
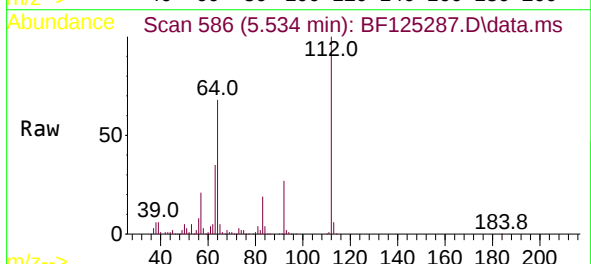
Instrument :
BNA_F
ClientSampleId :
OUII-E

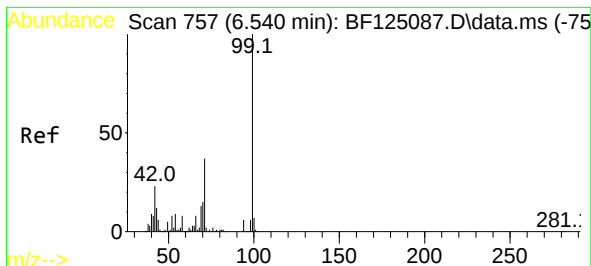
Tgt Ion:152 Resp: 177372
Ion Ratio Lower Upper
152 100
150 158.2 117.6 176.4
115 63.9 47.1 70.7



#5
2-Fluorophenol
Concen: 51.203 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125287.D
Acq: 31 Aug 2021 14:21

Tgt Ion:112 Resp: 600025
Ion Ratio Lower Upper
112 100
64 68.5 44.2 66.2#
63 35.4 26.2 39.2

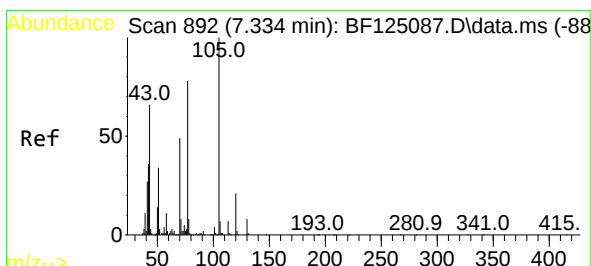
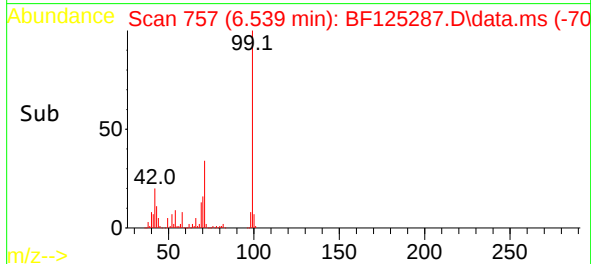
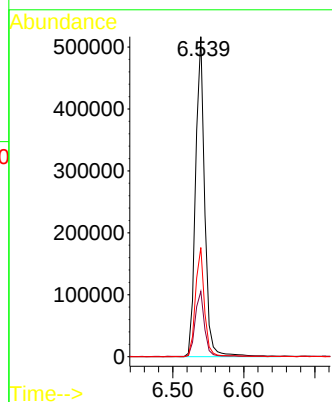
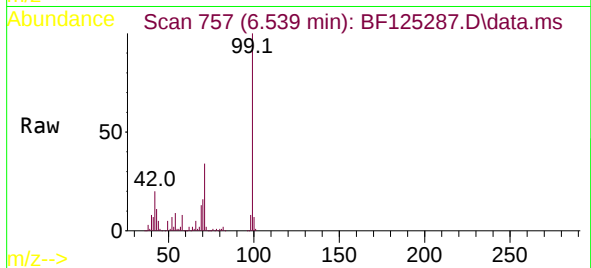




#7
Phenol-d6
Concen: 30.664 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125287.D
Acq: 31 Aug 2021 14:21

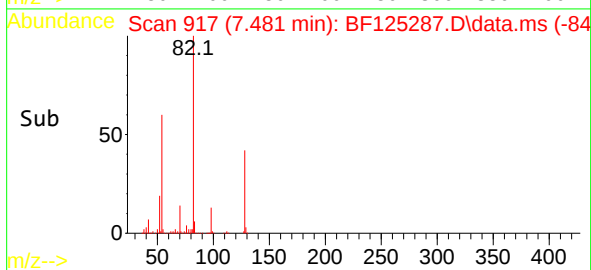
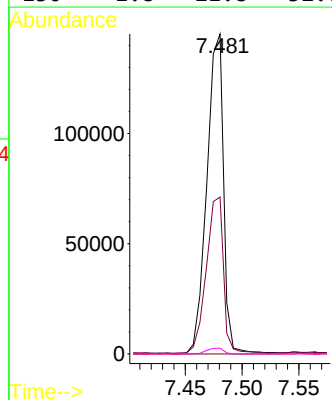
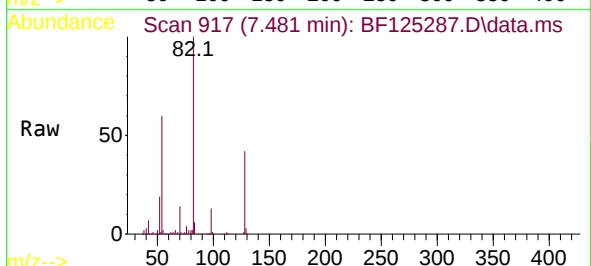
Instrument :
BNA_F
ClientSampleId :
OUII-E

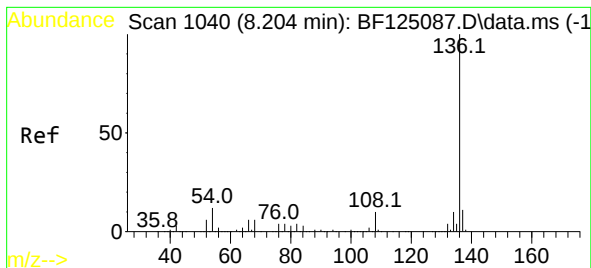
Tgt Ion: 99 Resp: 464742
Ion Ratio Lower Upper
99 100
42 20.4 23.5 35.3#
71 34.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.276 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.153 min
Lab File: BF125287.D
Acq: 31 Aug 2021 14:21

Tgt Ion: 70 Resp: 148371
Ion Ratio Lower Upper
70 100
42 49.1 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#



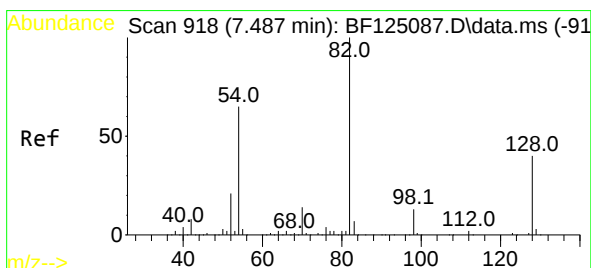
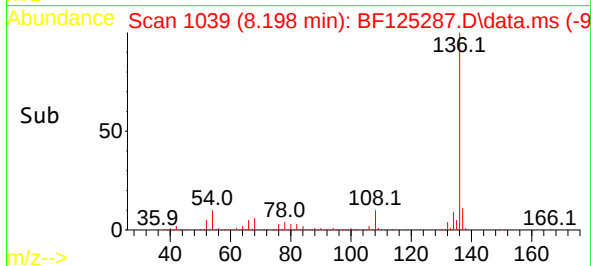
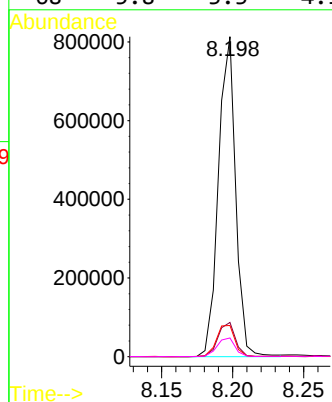
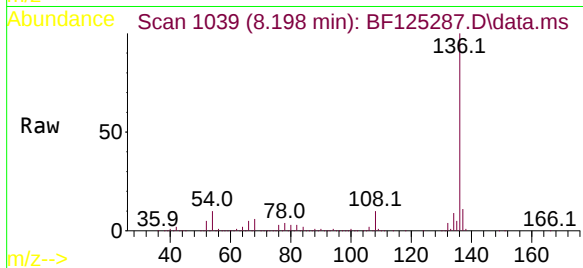


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF125287.D
Acq: 31 Aug 2021 14:21

Instrument :
BNA_F
ClientSampleId :
OUII-E

Tgt Ion:136 Resp: 685532

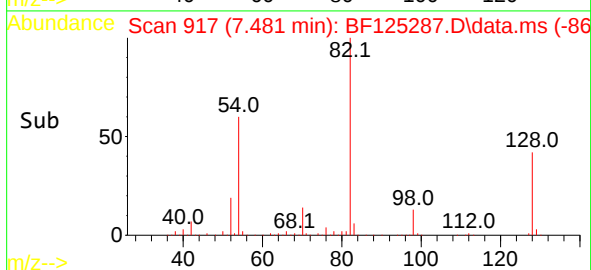
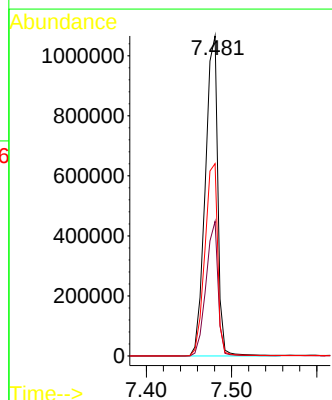
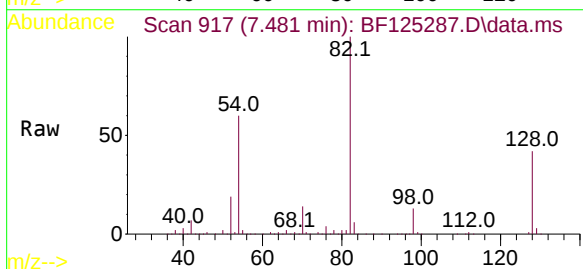
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	9.7	6.4	9.6#
68	5.8	3.3	4.9#

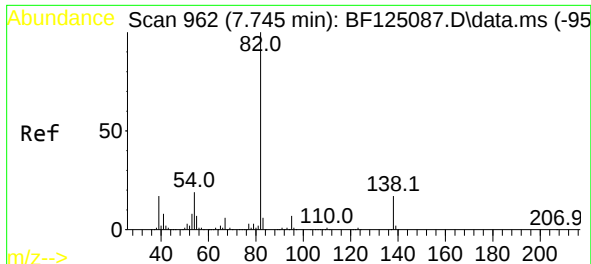


#23
Nitrobenzene-d5
Concen: 79.753 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.000 min
Lab File: BF125287.D
Acq: 31 Aug 2021 14:21

Tgt Ion: 82 Resp: 1085987

Ion	Ratio	Lower	Upper
82	100		
128	42.0	40.6	60.8
54	60.1	49.6	74.4

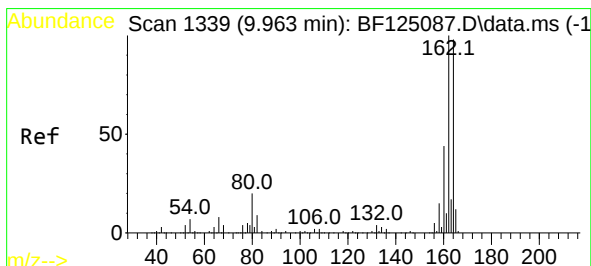
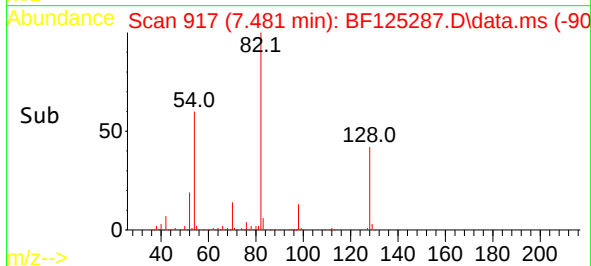
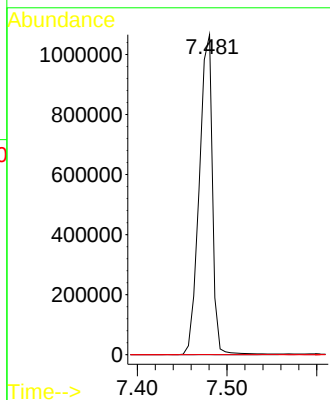
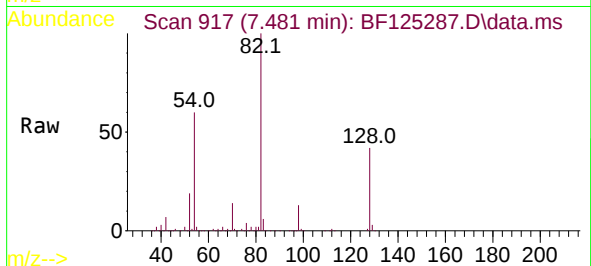




#25
Isophorone
Concen: 41.341 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.253 min
Lab File: BF125287.D
Acq: 31 Aug 2021 14:21

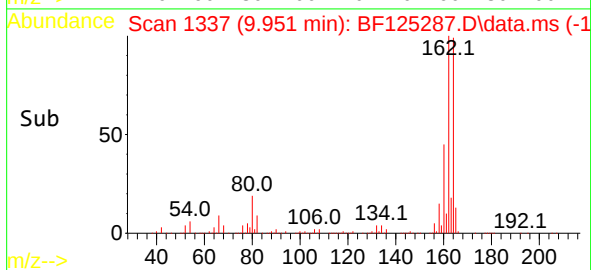
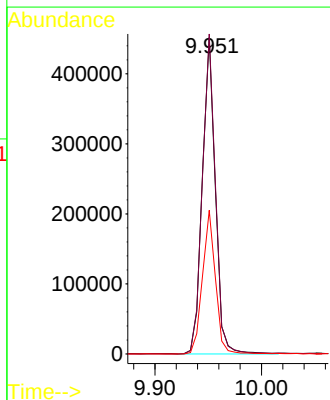
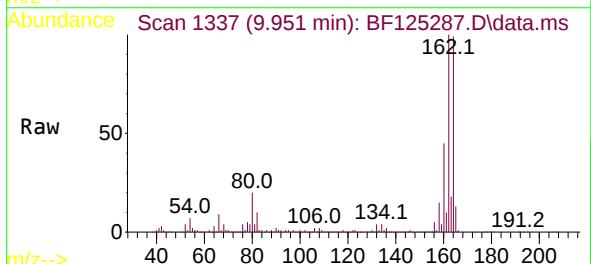
Instrument :
BNA_F
ClientSampleId :
OUII-E

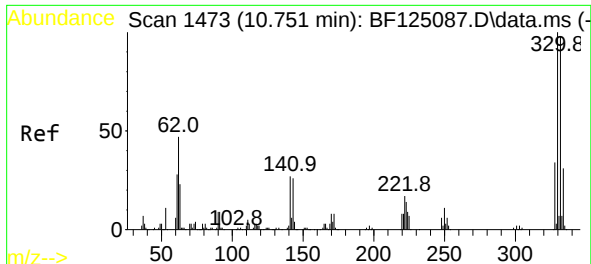
Tgt Ion: 82 Resp: 1085971
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF125287.D
Acq: 31 Aug 2021 14:21

Tgt Ion: 164 Resp: 385866
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 45.4 38.0 57.0

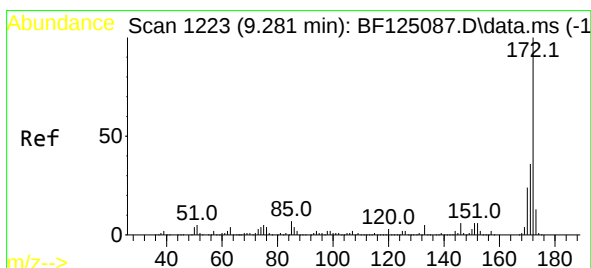
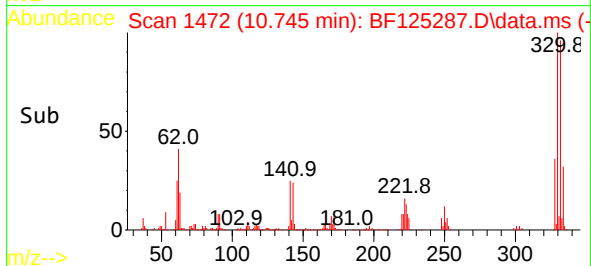
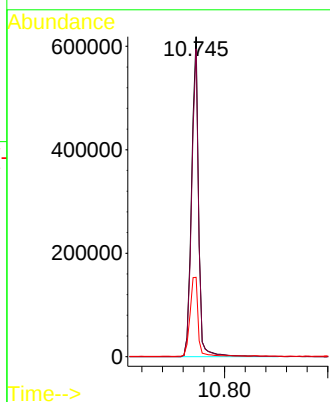
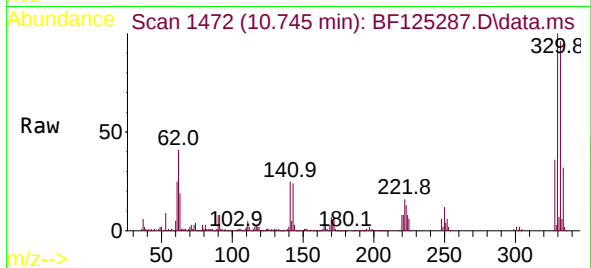




#42
2,4,6-Tribromophenol
Concen: 149.704 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.006 min
Lab File: BF125287.D
Acq: 31 Aug 2021 14:21

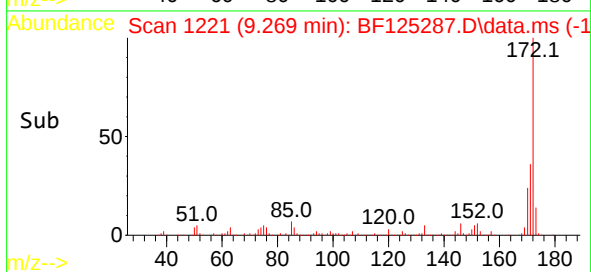
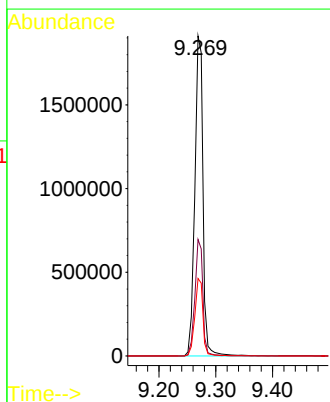
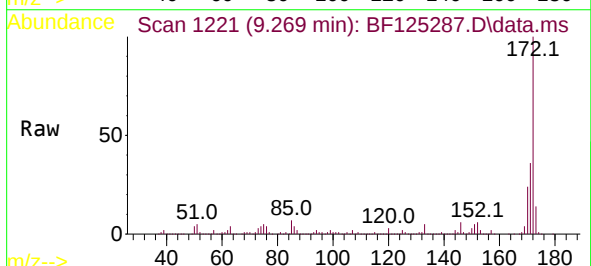
Instrument :
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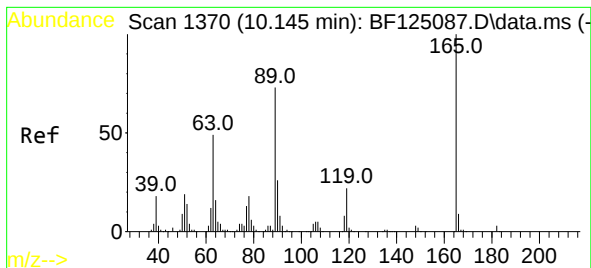
Tgt Ion:330 Resp: 576631
Ion Ratio Lower Upper
330 100
332 95.7 76.2 114.4
141 28.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 69.422 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125287.D
Acq: 31 Aug 2021 14:21

Tgt Ion:172 Resp: 1922001
Ion Ratio Lower Upper
172 100
171 36.4 26.5 39.7
170 24.2 18.8 28.2

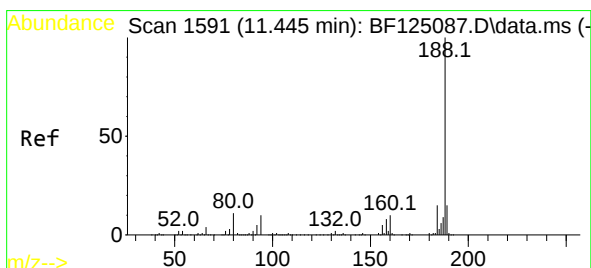
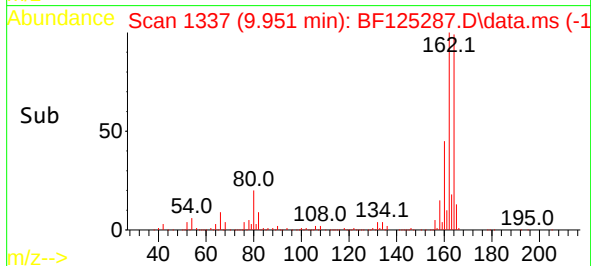
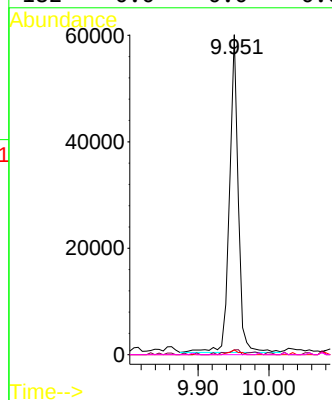
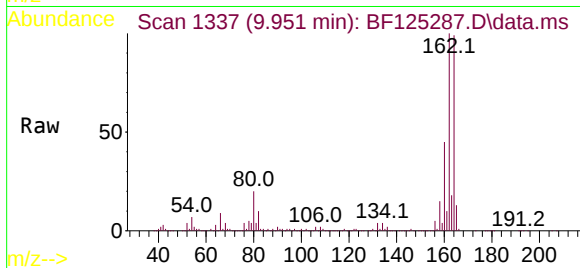




#57
2,4-Dinitrotoluene
Concen: 7.318 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125287.D
Acq: 31 Aug 2021 14:21

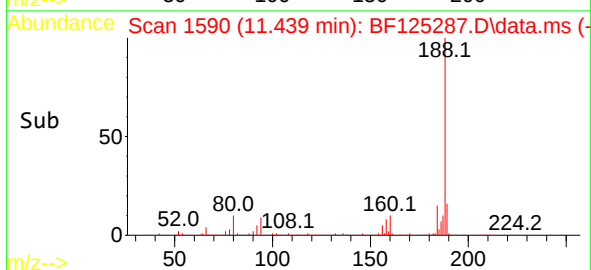
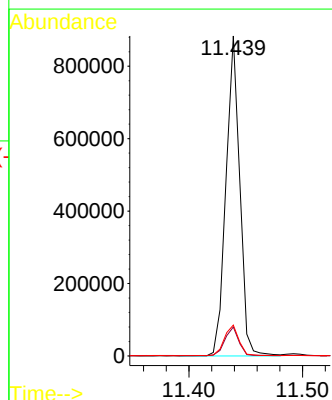
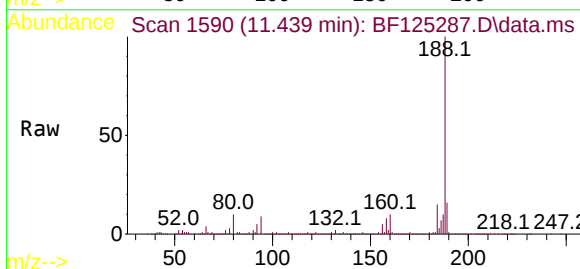
Instrument :
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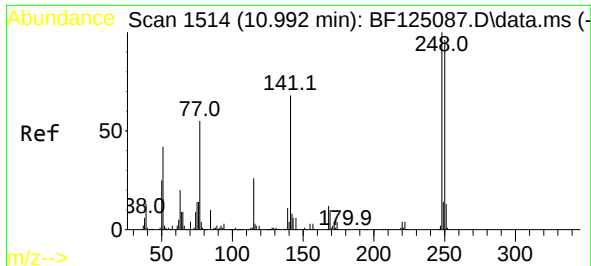
Tgt Ion:165 Resp: 51357
Ion Ratio Lower Upper
165 100
63 1.5 40.9 61.3#
89 1.5 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF125287.D
Acq: 31 Aug 2021 14:21

Tgt Ion:188 Resp: 748091
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 9.6 7.5 11.3

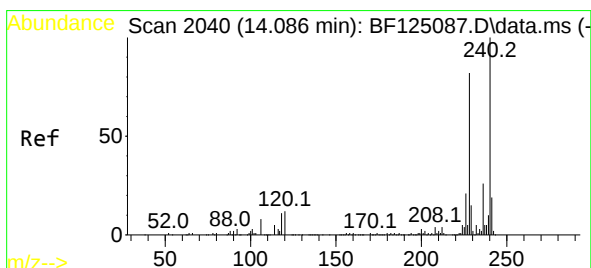
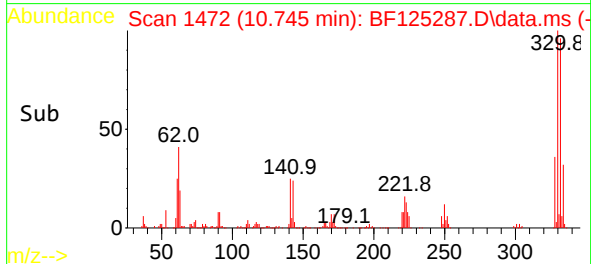
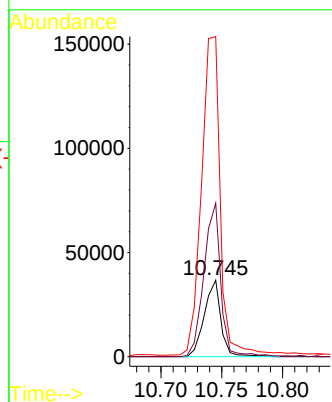
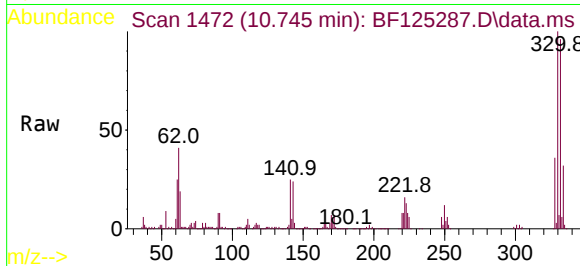




#67
4-Bromophenyl-phenylether
Concen: 3.888 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.235 min
Lab File: BF125287.D
Acq: 31 Aug 2021 14:21

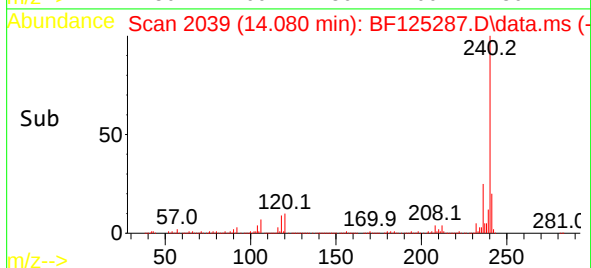
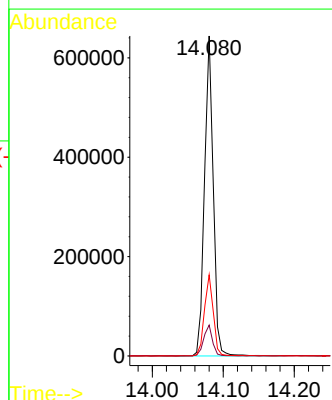
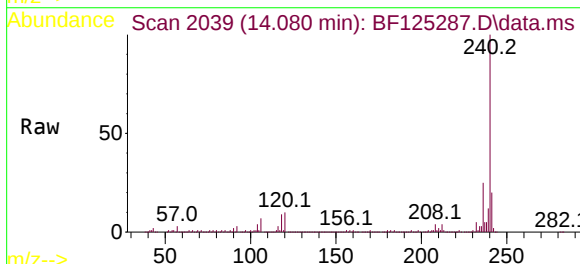
Instrument :
BNA_F
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OUII-E

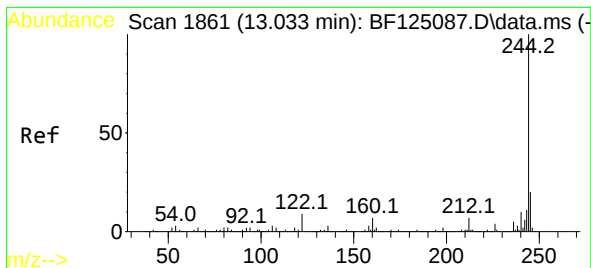
Tgt Ion:248 Resp: 34930
Ion Ratio Lower Upper
248 100
250 200.4 74.2 111.4#
141 418.1 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF125287.D
Acq: 31 Aug 2021 14:21

Tgt Ion:240 Resp: 554120
Ion Ratio Lower Upper
240 100
120 9.6 10.8 16.2#
236 25.3 21.6 32.4





#79

Terphenyl-d14

Concen: 78.809 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.006 min

Lab File: BF125287.D

Acq: 31 Aug 2021 14:21

Instrument :

BNA_F

ClientSampleId :

OUII-E

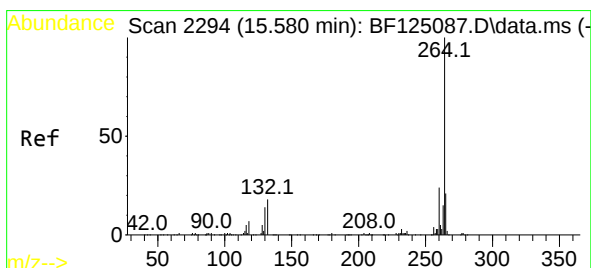
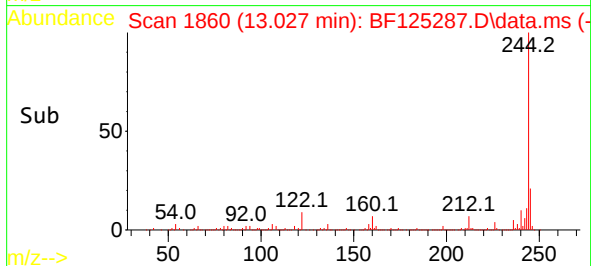
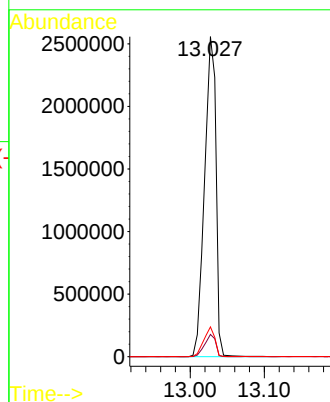
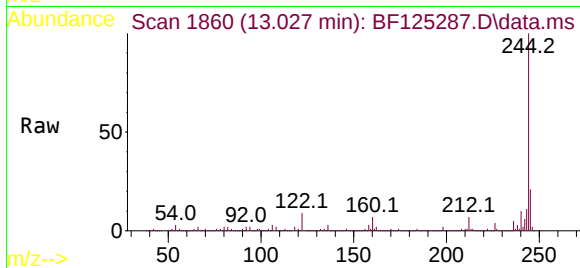
Tgt Ion:244 Resp: 2741177

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 9.3 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2294

Delta R.T. 0.006 min

Lab File: BF125287.D

Acq: 31 Aug 2021 14:21

Tgt Ion:264 Resp: 445955

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

265 21.4 17.2 25.8

