

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090921\
 Data File : BF125407.D
 Acq On : 9 Sep 2021 11:08
 Operator : JU/CG
 Sample : M3646-13DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1992DL

Quant Time: Sep 09 11:37:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 08 14:14:01 2021
 Response via : Initial Calibration

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

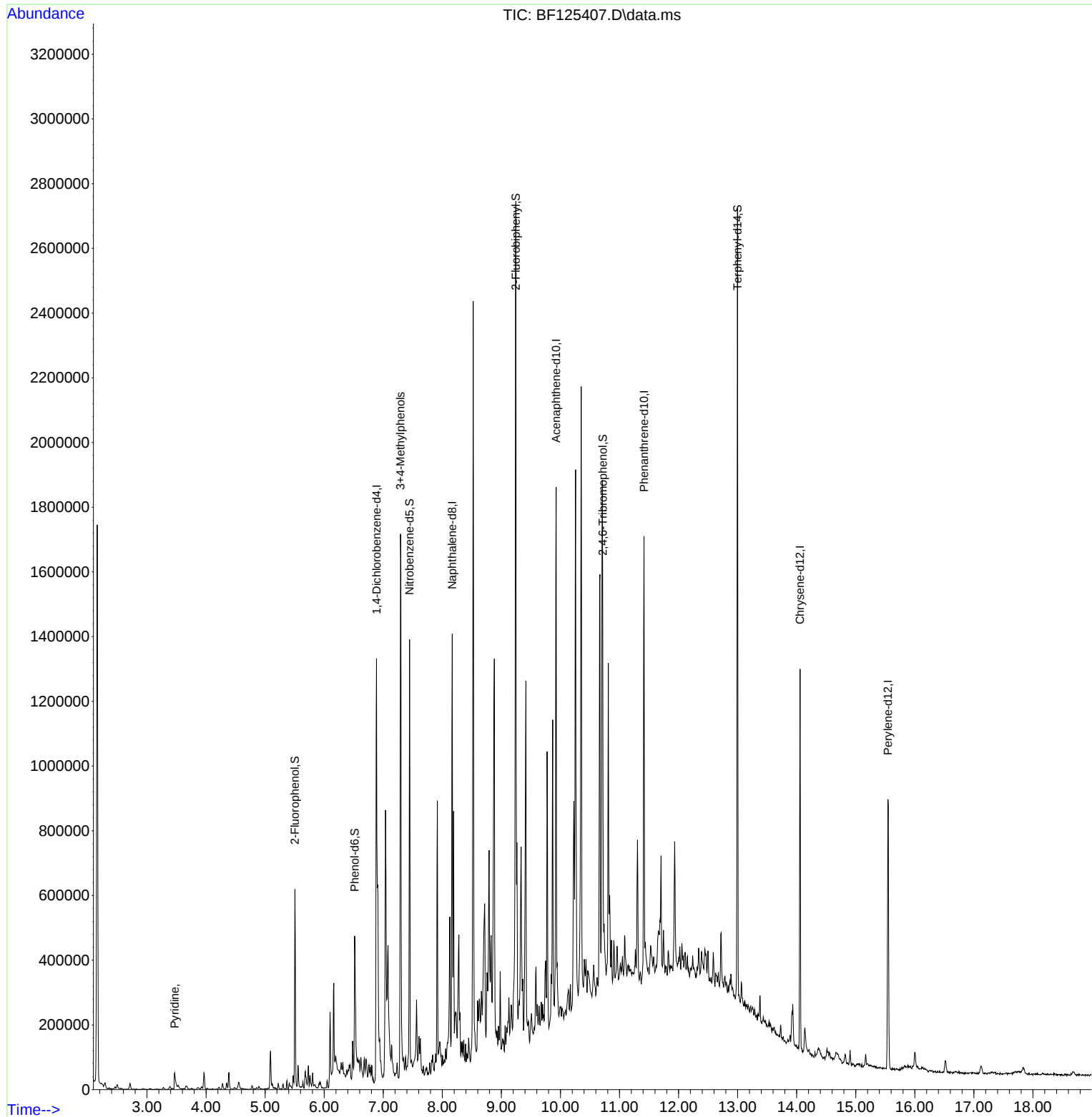
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	137098	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	550853	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	279795	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	499030	20.000	ng	0.00
76) Chrysene-d12	14.057	240	394608	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	387114	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	156998	17.333	ng	0.00
7) Phenol-d6	6.516	99	127977	10.925	ng	-0.01
23) Nitrobenzene-d5	7.445	82	379704	34.702	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	115781	41.454	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	694450	34.592	ng	0.00
79) Terphenyl-d14	12.998	244	782829	31.604	ng	0.00
Target Compounds						
3) Pyridine	3.469	79	34025	2.884	ng	# 91
20) 3+4-Methylphenols	7.292	107	438647	45.020	ng	# 74

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

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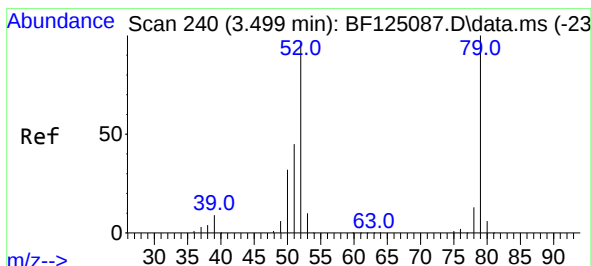
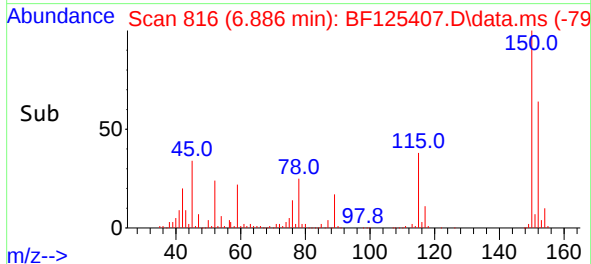
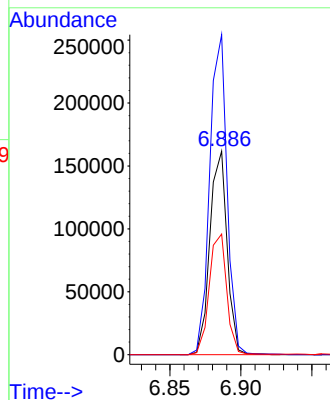
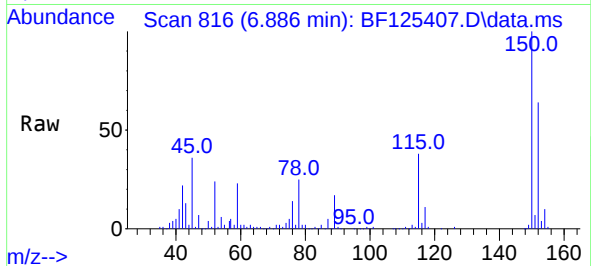




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF125407.D
Acq: 9 Sep 2021 11:08

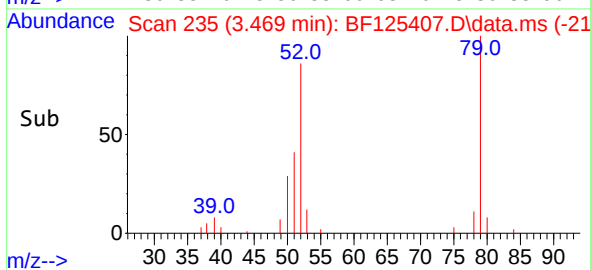
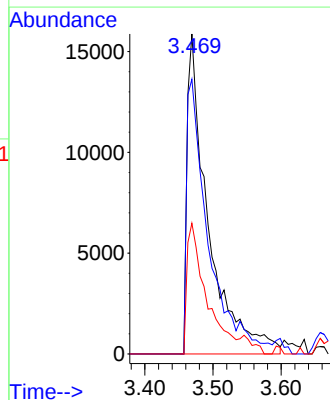
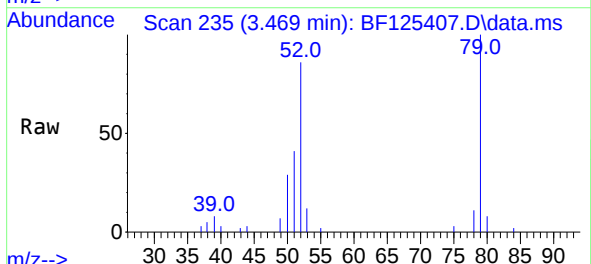
Instrument :
BNA_F
ClientSampled :
1992DL

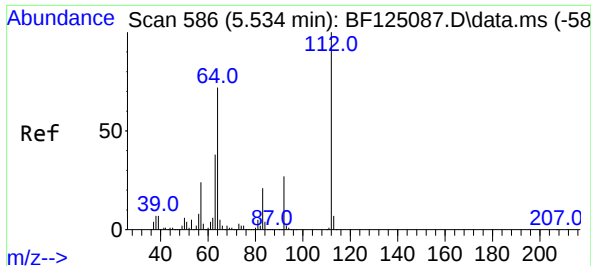
Tgt Ion:152 Resp: 137098
Ion Ratio Lower Upper
152 100
150 157.2 117.6 176.4
115 59.2 47.1 70.7



#3
Pyridine
Concen: 2.884 ng
RT: 3.469 min Scan# 235
Delta R.T. 0.029 min
Lab File: BF125407.D
Acq: 9 Sep 2021 11:08

Tgt Ion: 79 Resp: 34025
Ion Ratio Lower Upper
79 100
52 85.8 70.3 105.5
51 40.8 44.1 66.1#

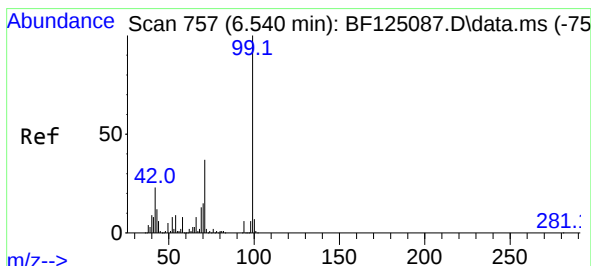
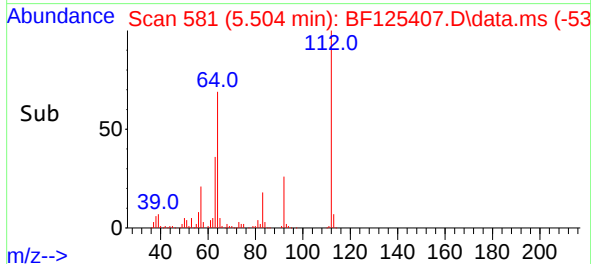
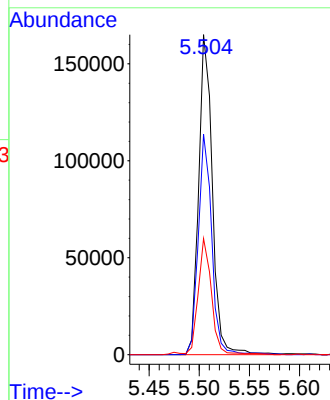
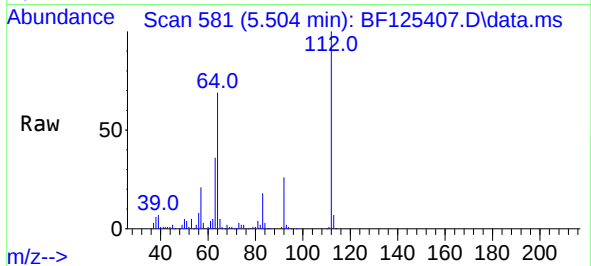




#5
2-Fluorophenol
Concen: 17.333 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF125407.D
Acq: 9 Sep 2021 11:08

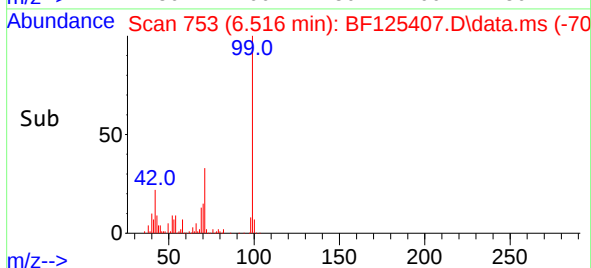
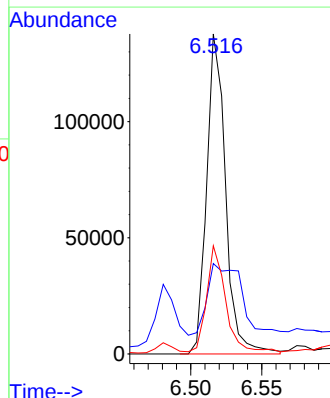
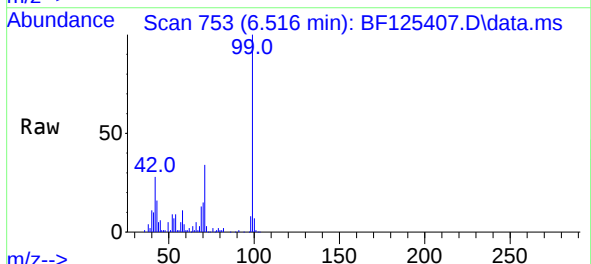
Instrument :
BNA_F
ClientSampleId :
1992DL

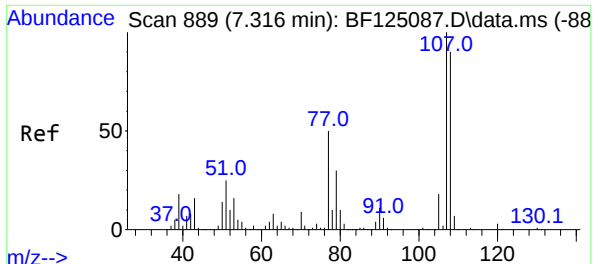
Tgt Ion:112 Resp: 156998
Ion Ratio Lower Upper
112 100
64 68.9 44.2 66.2#
63 36.3 26.2 39.2



#7
Phenol-d6
Concen: 10.925 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF125407.D
Acq: 9 Sep 2021 11:08

Tgt Ion: 99 Resp: 127977
Ion Ratio Lower Upper
99 100
42 28.3 23.5 35.3
71 33.8 25.6 38.4



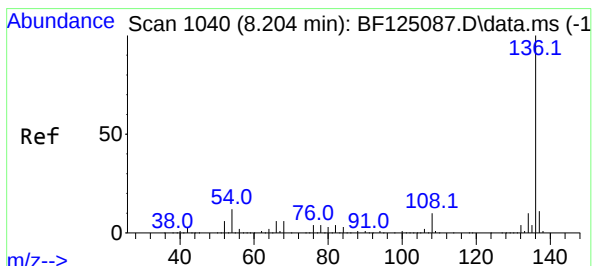
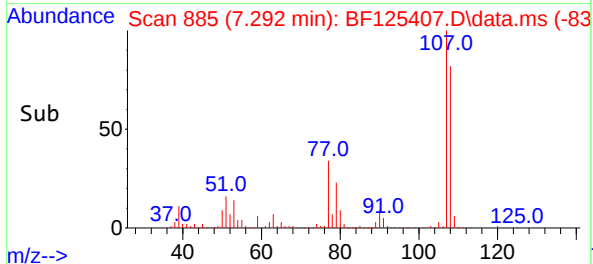
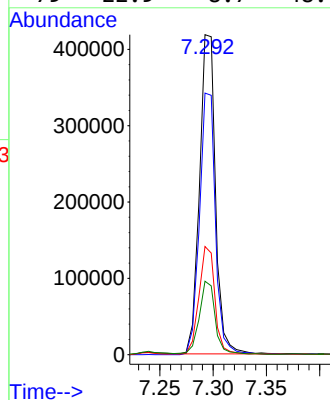
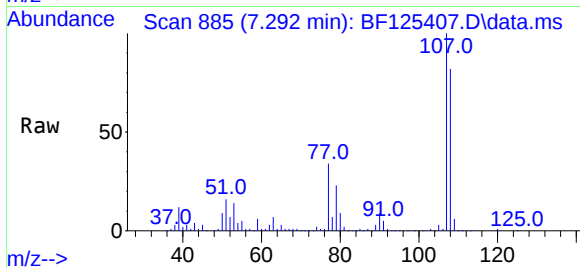


#20
3+4-Methylphenols
Concen: 45.020 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF125407.D
Acq: 9 Sep 2021 11:08

Instrument :
BNA_F
ClientSampleId :
1992DL

Tgt Ion:107 Resp: 438647

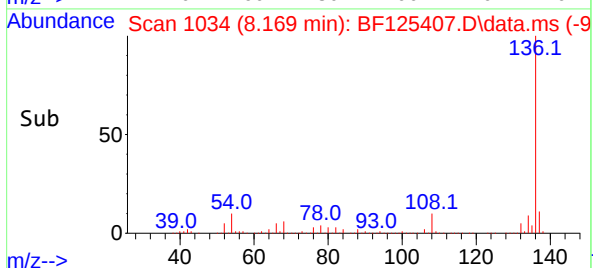
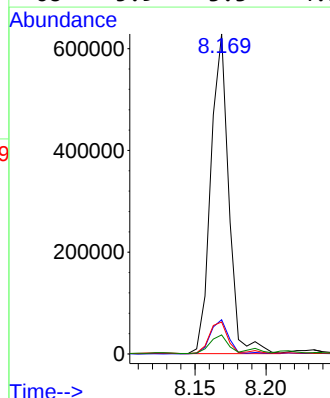
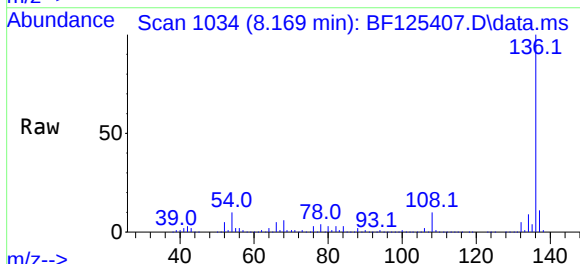
Ion	Ratio	Lower	Upper
107	100		
108	81.7	76.6	116.6
77	33.8	53.3	93.3#
79	22.9	8.7	48.7

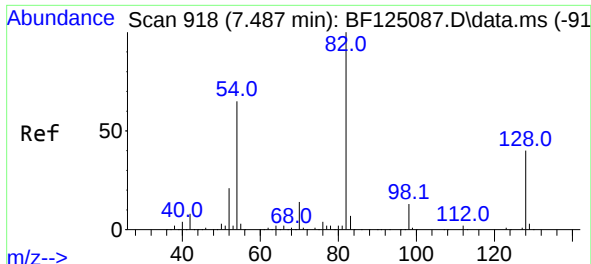


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125407.D
Acq: 9 Sep 2021 11:08

Tgt Ion:136 Resp: 550853

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	10.0	6.4	9.6#
68	5.9	3.3	4.9#

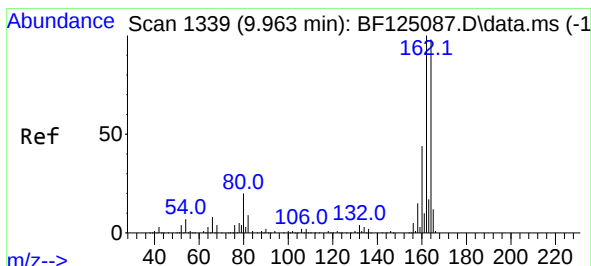
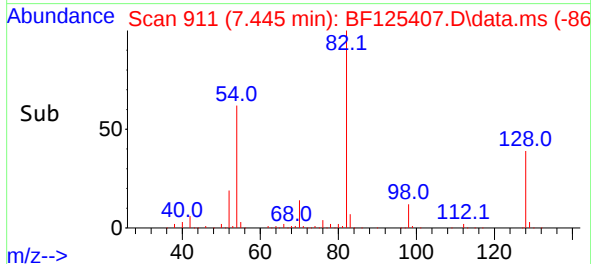
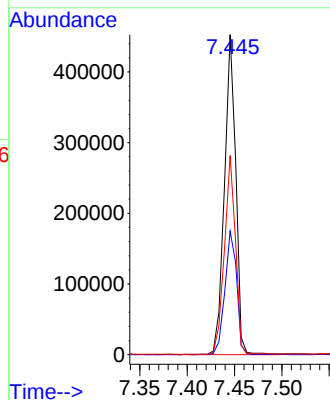
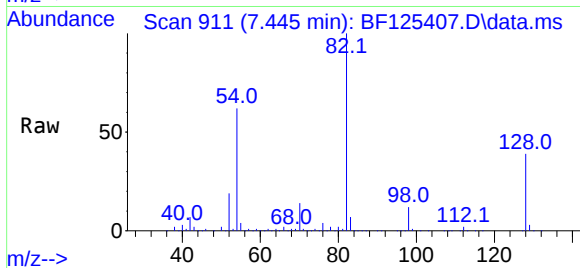




#23
Nitrobenzene-d5
Concen: 34.702 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF125407.D
Acq: 9 Sep 2021 11:08

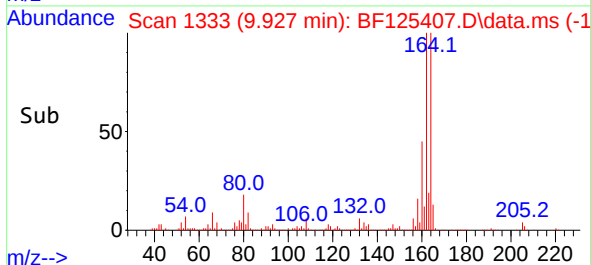
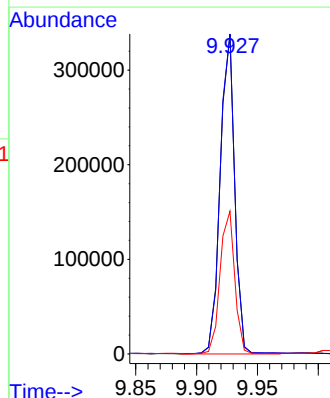
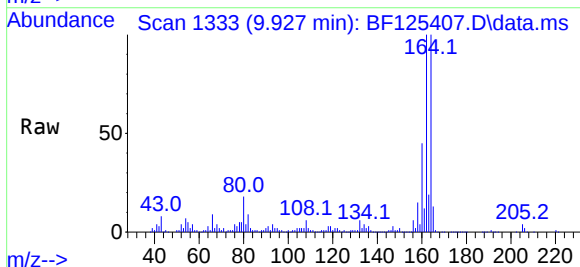
Instrument :
BNA_F
ClientSampleId :
1992DL

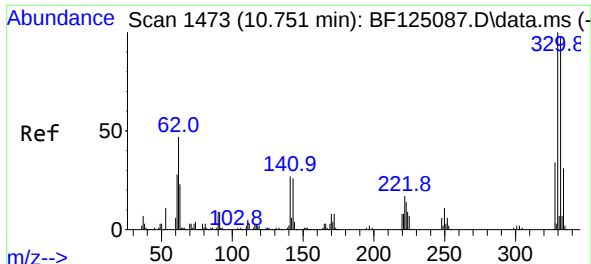
Tgt Ion: 82 Resp: 379704
Ion Ratio Lower Upper
82 100
128 38.6 40.6 60.8#
54 62.3 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF125407.D
Acq: 9 Sep 2021 11:08

Tgt Ion:164 Resp: 279795
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 44.6 38.0 57.0

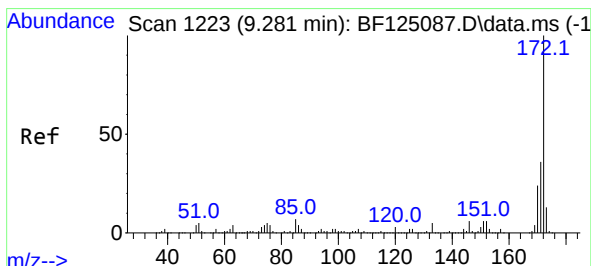
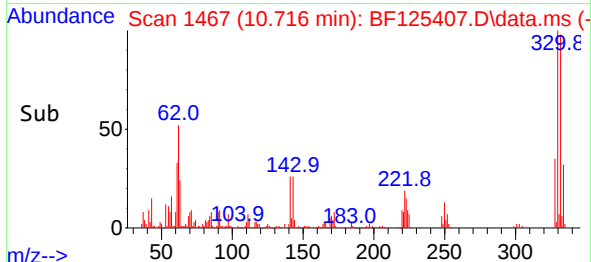
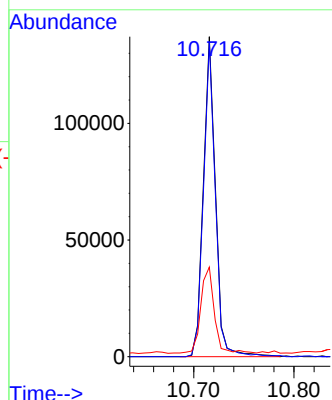
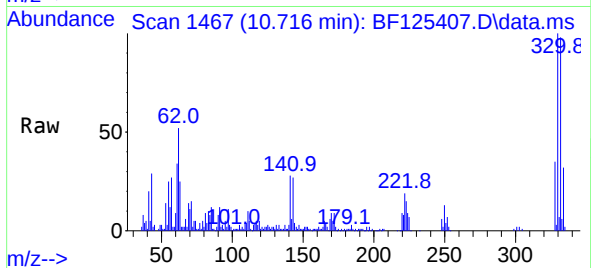




#42
2,4,6-Tribromophenol
Concen: 41.454 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF125407.D
Acq: 9 Sep 2021 11:08

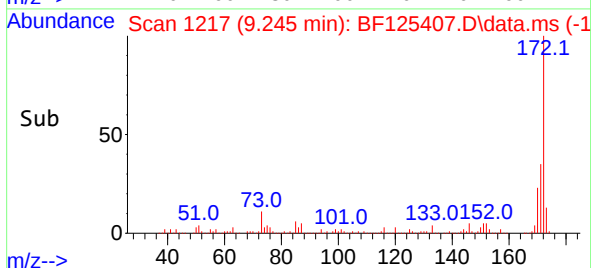
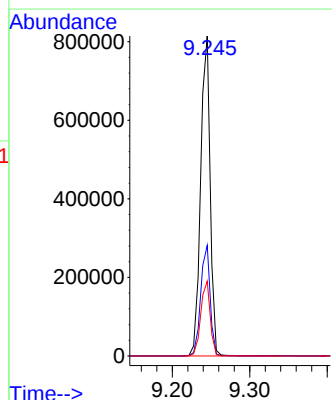
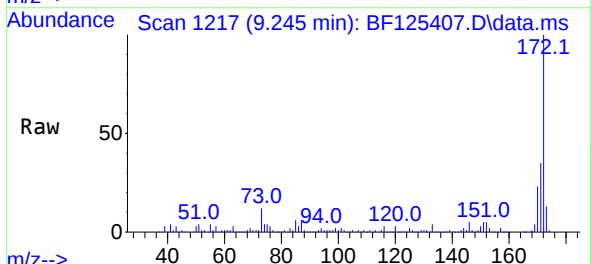
Instrument :
BNA_F
ClientSampleId :
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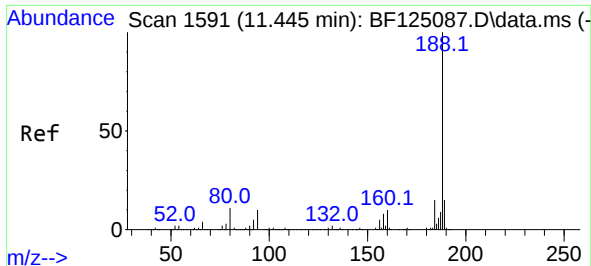
Tgt Ion:330 Resp: 115781
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 29.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 34.592 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125407.D
Acq: 9 Sep 2021 11:08

Tgt Ion:172 Resp: 694450
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.4 18.8 28.2

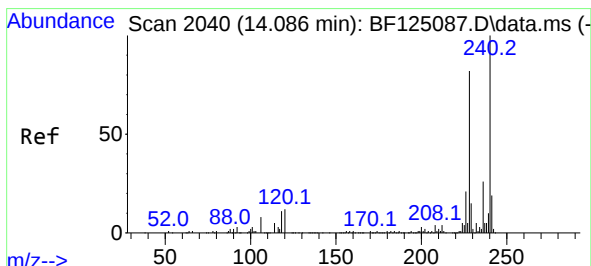
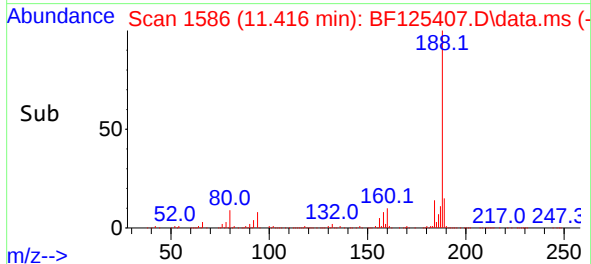
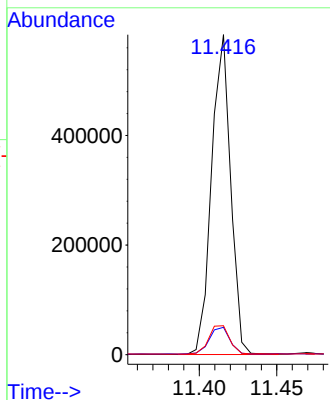
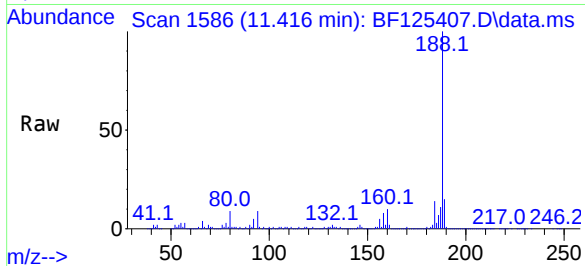




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF125407.D
Acq: 9 Sep 2021 11:08

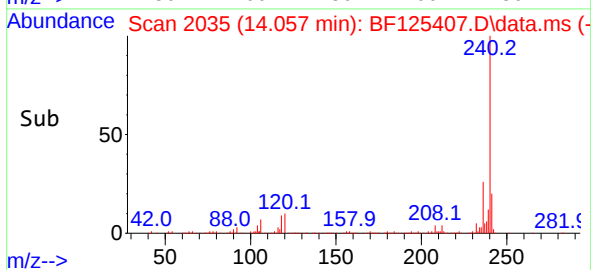
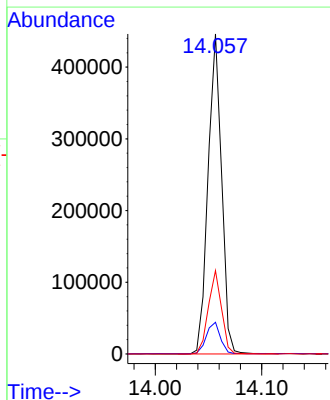
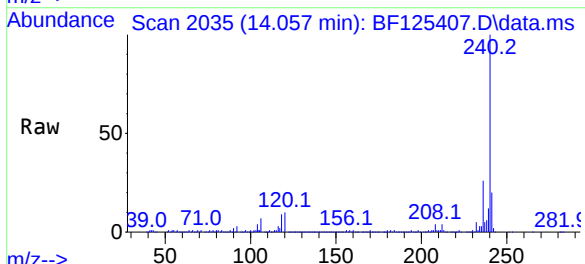
Instrument :
BNA_F
ClientSampleId :
1992DL

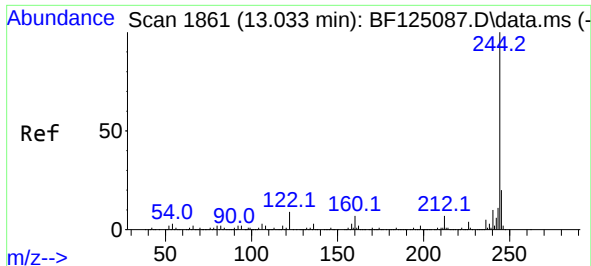
Tgt Ion:188 Resp: 499030
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.0 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125407.D
Acq: 9 Sep 2021 11:08

Tgt Ion:240 Resp: 394608
Ion Ratio Lower Upper
240 100
120 9.9 10.8 16.2#
236 26.1 21.6 32.4

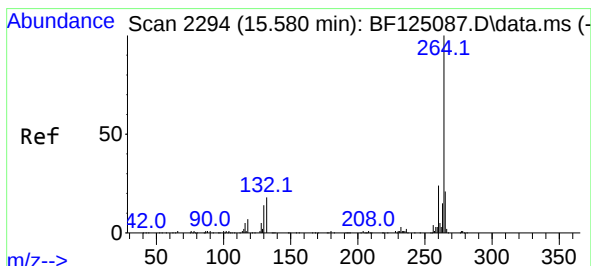
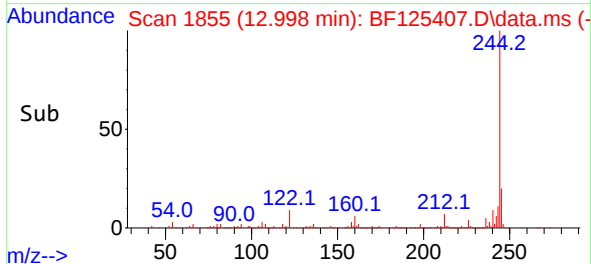
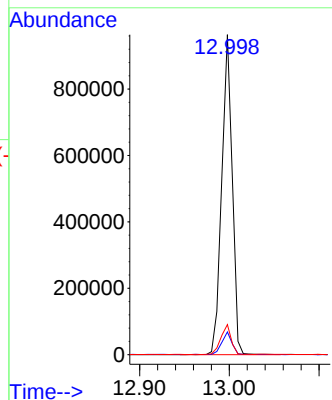
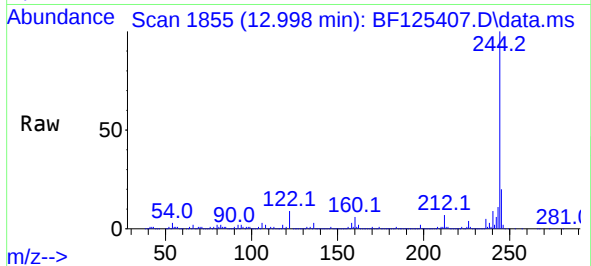




#79
Terphenyl-d14
Concen: 31.604 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BF125407.D
Acq: 9 Sep 2021 11:08

Instrument :
BNA_F
ClientSampleId :
1992DL

Tgt Ion:244 Resp: 782829
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 9.4 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BF125407.D
Acq: 9 Sep 2021 11:08

Tgt Ion:264 Resp: 387114
Ion Ratio Lower Upper
264 100
260 25.0 19.6 29.4
265 23.3 17.2 25.8

