

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
 Data File : BF125207.D
 Acq On : 25 Aug 2021 13:42
 Operator : JU/CG
 Sample : M3524-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Quant Time: Aug 25 15:58:04 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	6.916	152	141781	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	560258	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	294453	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	540759	20.000	ng	0.00
76) Chrysene-d12	14.080	240	341543	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	323623	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	791374	84.484	ng	0.00
7) Phenol-d6	6.534	99	1003036	82.795	ng	0.00
23) Nitrobenzene-d5	7.475	82	674758	60.633	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	326754	111.168	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1238582	58.626	ng	0.00
79) Terphenyl-d14	13.022	244	1332994	62.176	ng	0.00

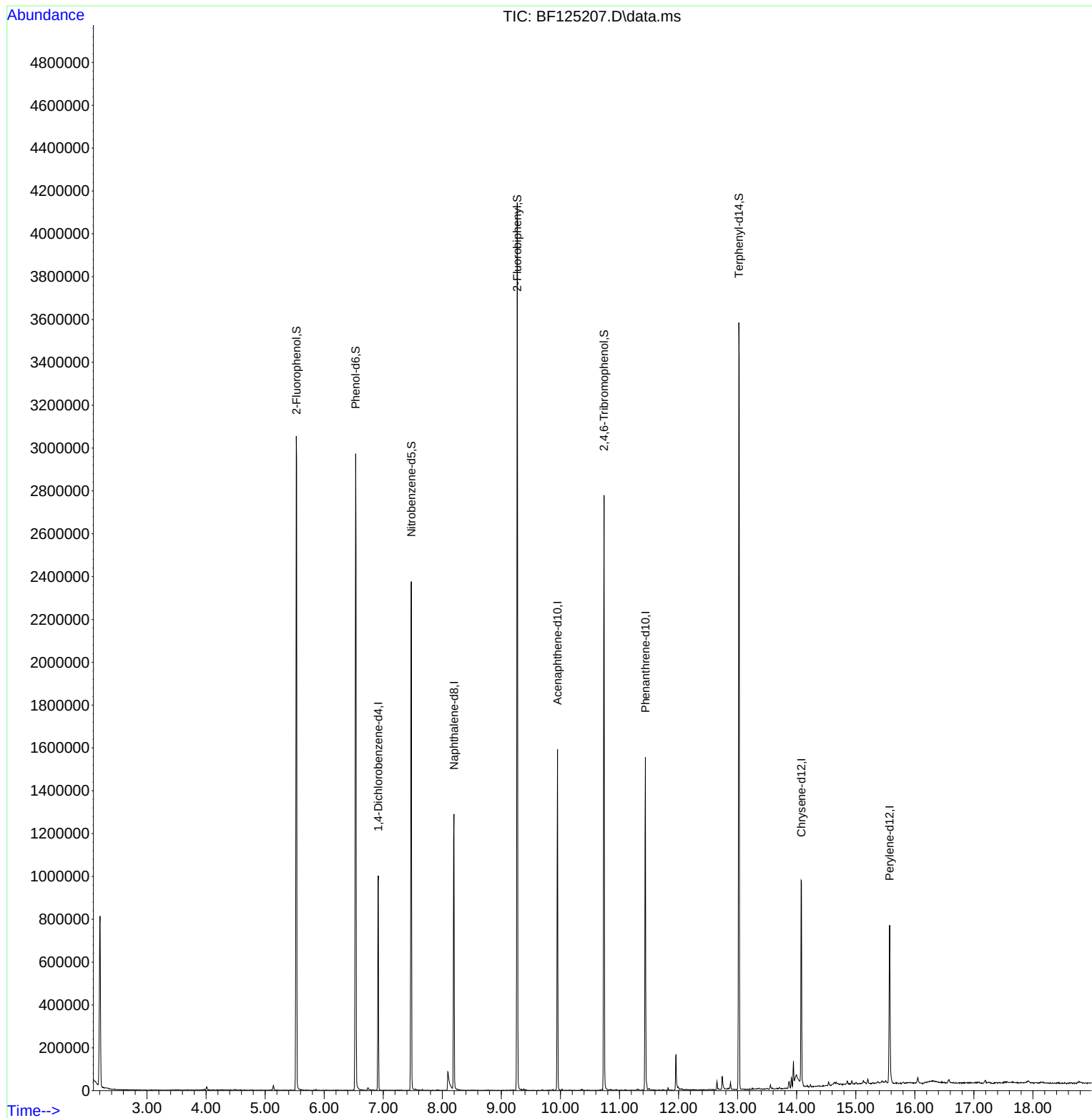
Target Compounds	Qvalue

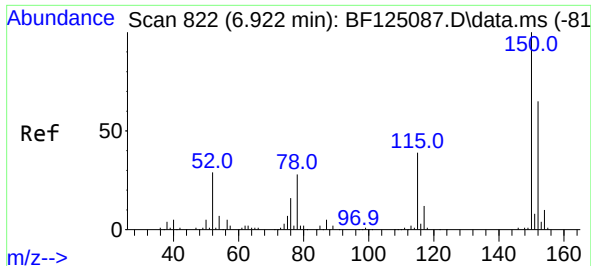
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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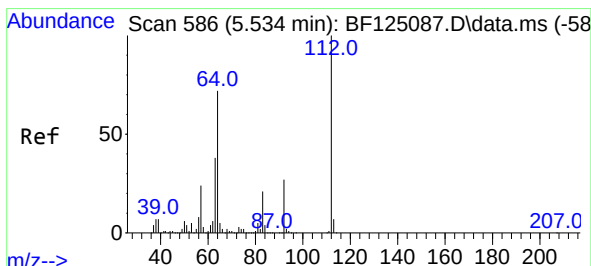
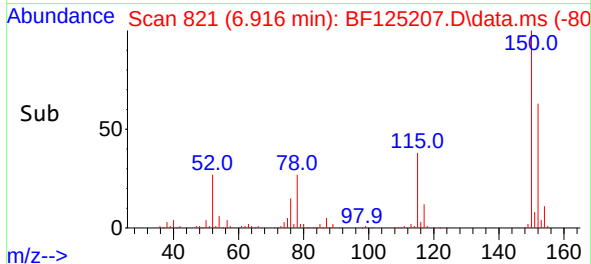
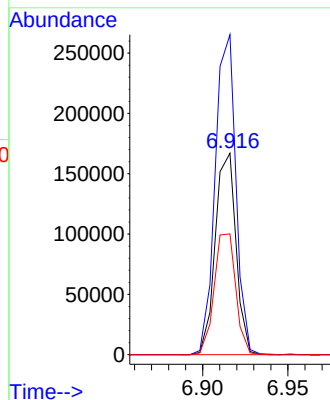
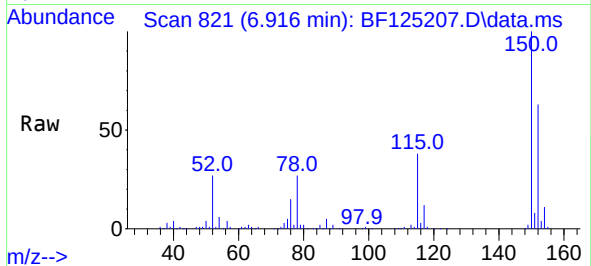




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

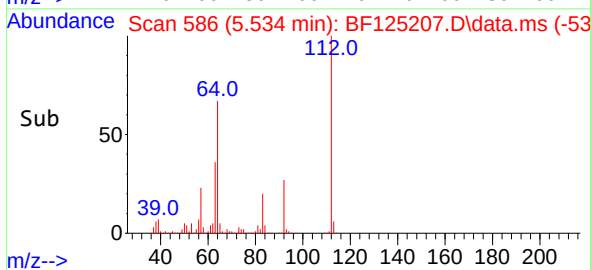
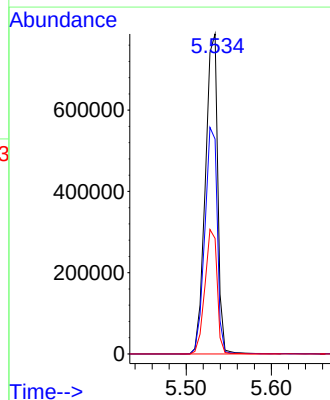
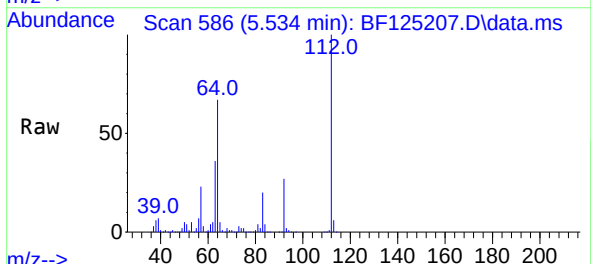
Instrument :
BNA_F
ClientSampled :
PE-2

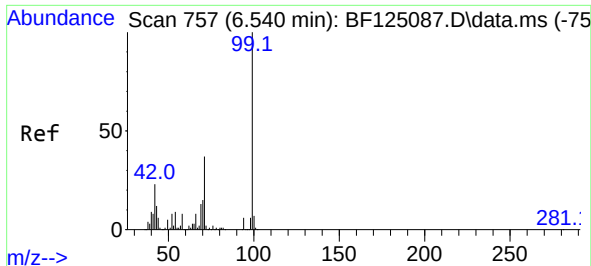
Tgt Ion:152 Resp: 141781
Ion Ratio Lower Upper
152 100
150 158.9 117.6 176.4
115 60.0 47.1 70.7



#5
2-Fluorophenol
Concen: 84.484 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

Tgt Ion:112 Resp: 791374
Ion Ratio Lower Upper
112 100
64 67.2 44.2 66.2#
63 36.1 26.2 39.2

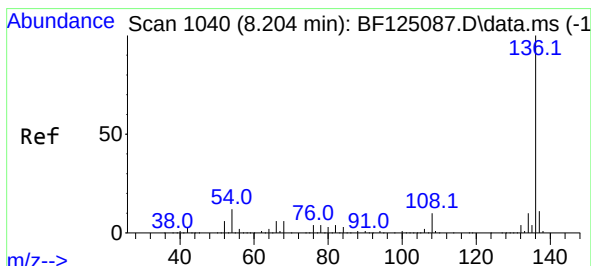
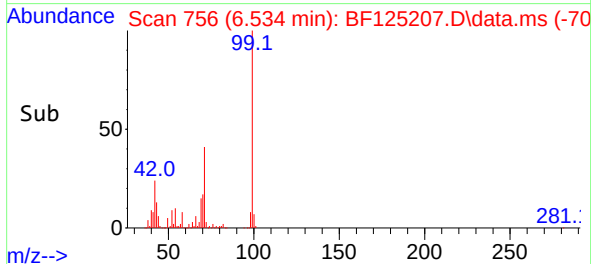
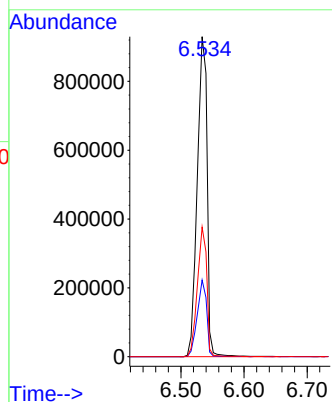
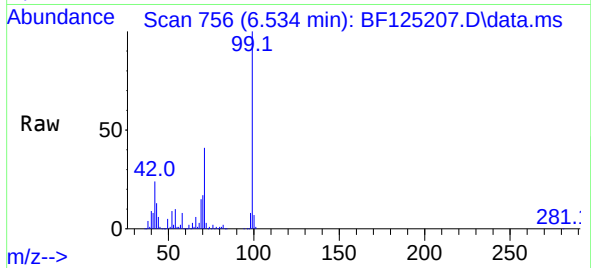




#7
Phenol-d6
Concen: 82.795 ng
RT: 6.534 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

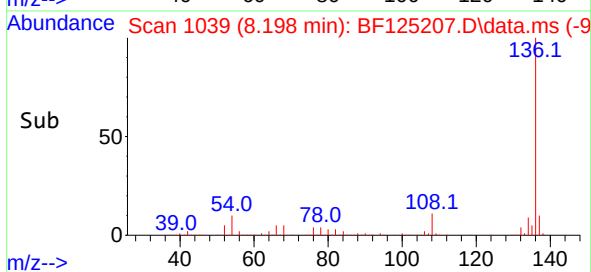
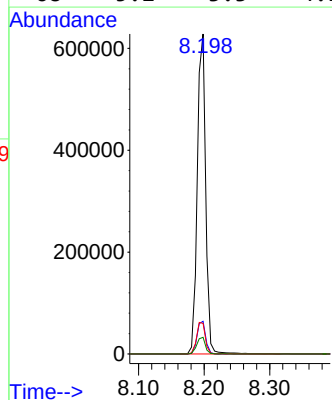
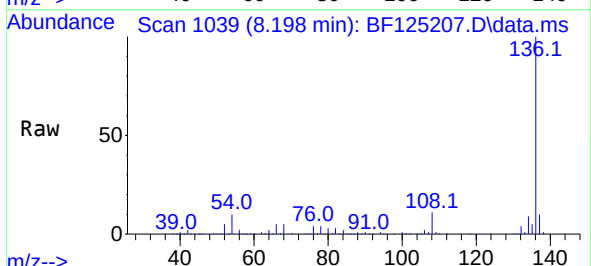
Instrument :
BNA_F
ClientSampled :
PE-2

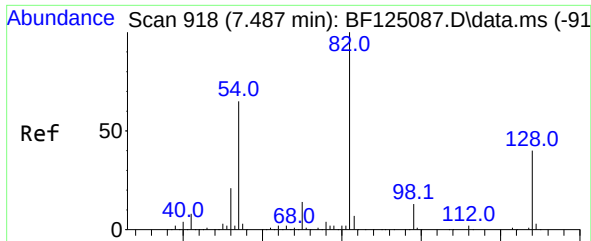
Tgt Ion: 99 Resp: 1003036
Ion Ratio Lower Upper
99 100
42 24.0 23.5 35.3
71 40.5 25.6 38.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

Tgt Ion: 136 Resp: 560258
Ion Ratio Lower Upper
136 100
137 10.2 9.8 14.6
54 9.6 6.4 9.6
68 5.2 3.3 4.9#

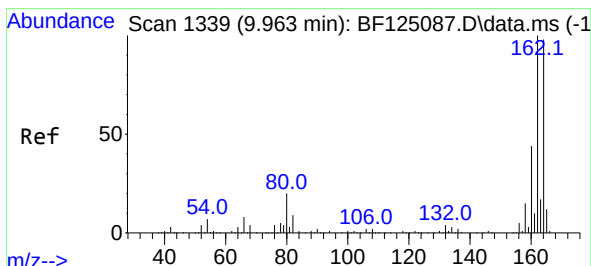
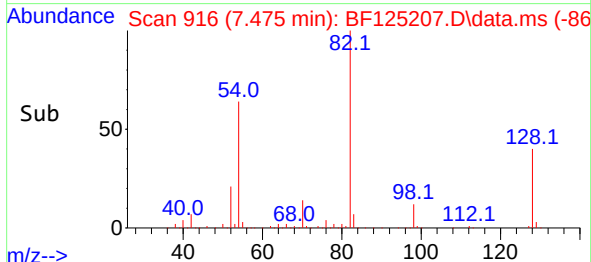
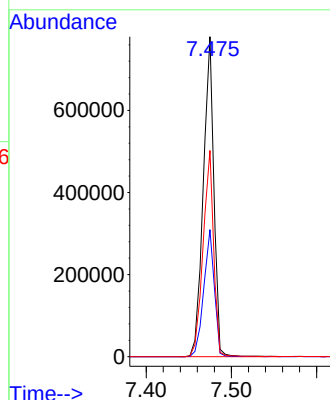
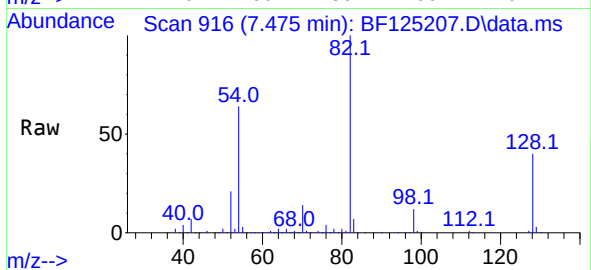




#23
Nitrobenzene-d5
Concen: 60.633 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

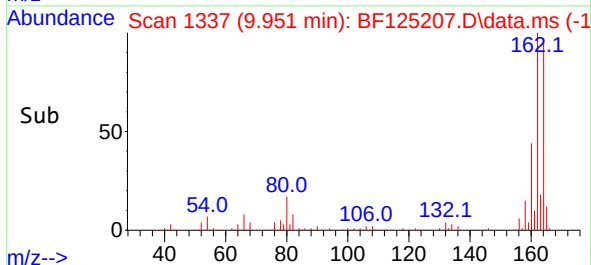
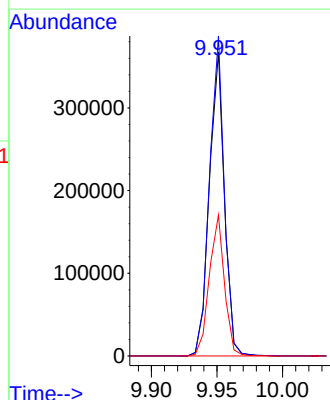
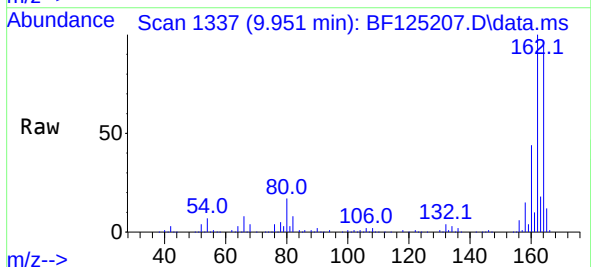
Instrument :
BNA_F
ClientSampleId :
PE-2

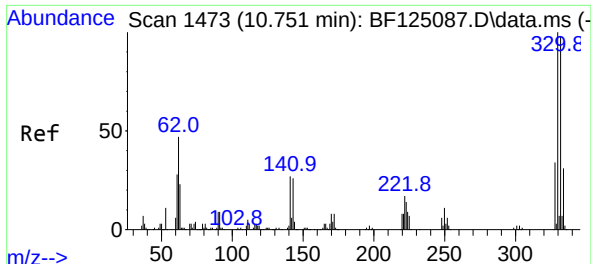
Tgt Ion: 82 Resp: 674758
Ion Ratio Lower Upper
82 100
128 39.7 40.6 60.8#
54 64.4 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

Tgt Ion:164 Resp: 294453
Ion Ratio Lower Upper
164 100
162 105.4 81.3 121.9
160 46.4 38.0 57.0

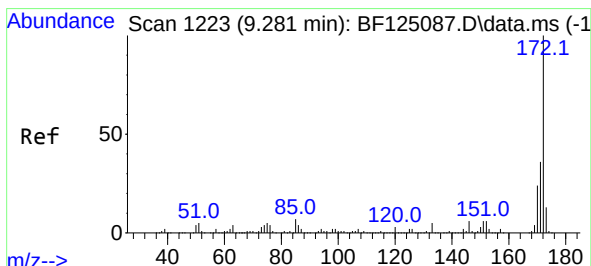
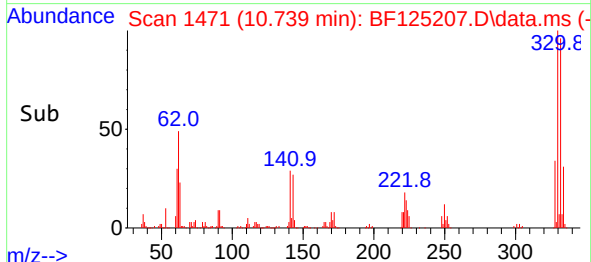
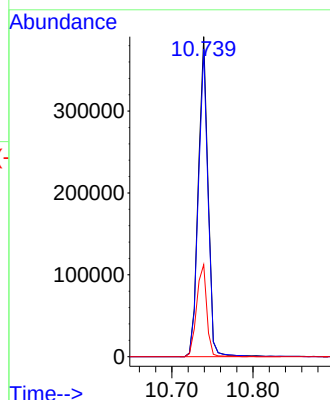
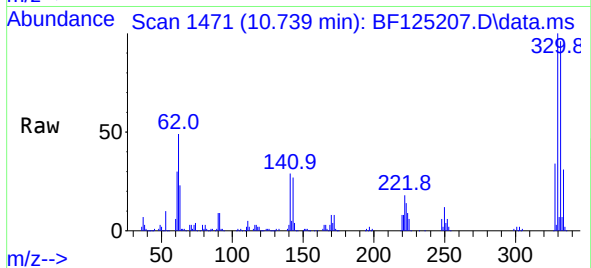




#42
2,4,6-Tribromophenol
Concen: 111.168 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

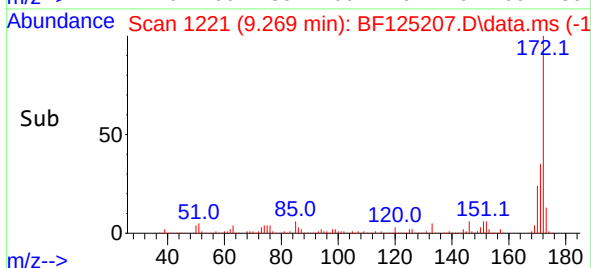
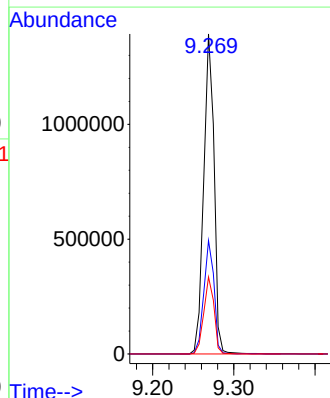
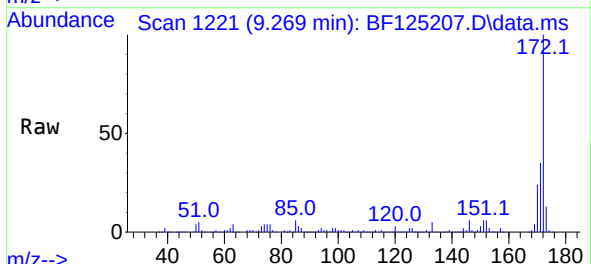
Instrument :
BNA_F
ClientSampleId :
PE-2

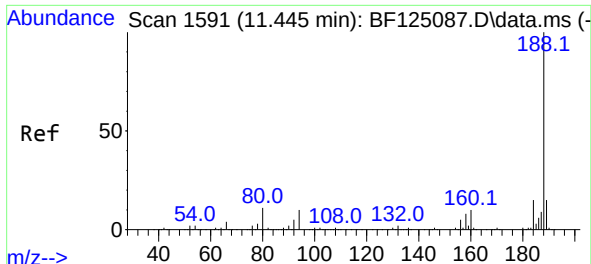
Tgt Ion:330 Resp: 326754
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 30.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 58.626 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

Tgt Ion:172 Resp: 1238582
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 24.1 18.8 28.2

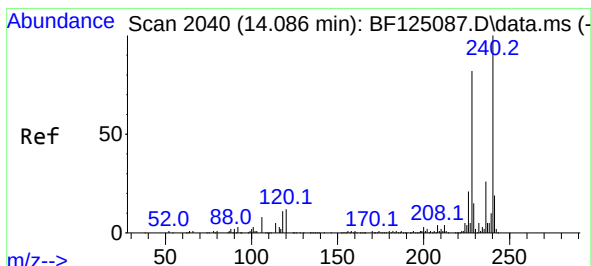
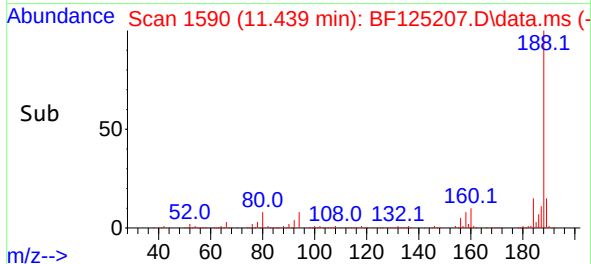
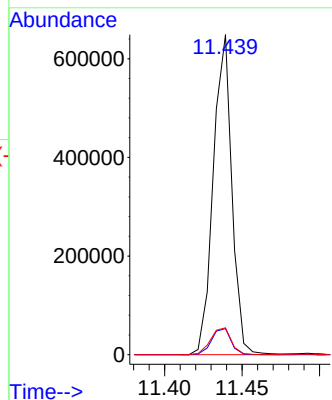
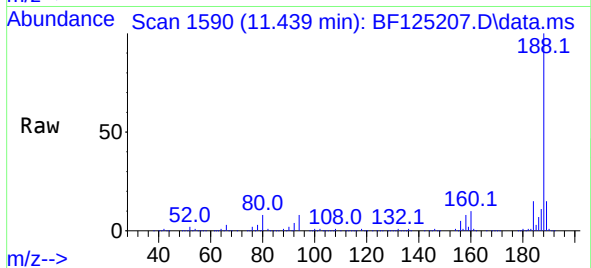




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

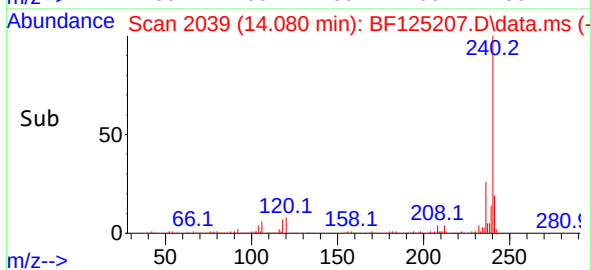
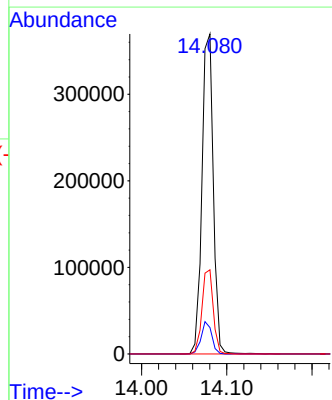
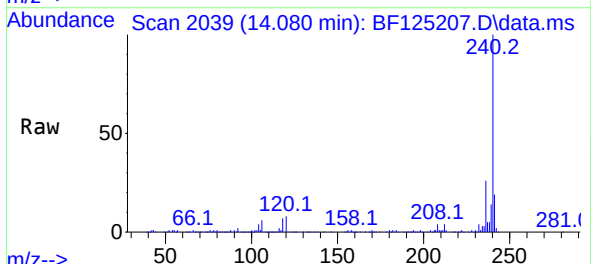
Instrument :
BNA_F
ClientSampleId :
PE-2

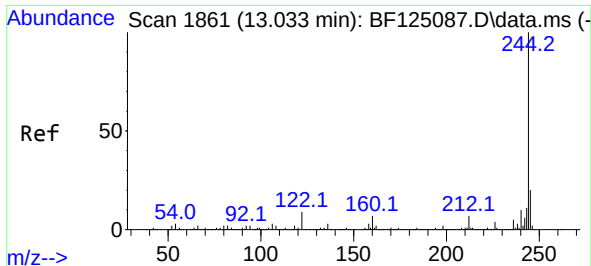
Tgt Ion:188 Resp: 540759
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.4 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

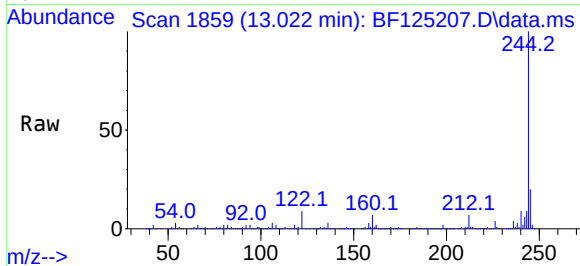
Tgt Ion:240 Resp: 341543
Ion Ratio Lower Upper
240 100
120 8.3 10.8 16.2#
236 26.3 21.6 32.4





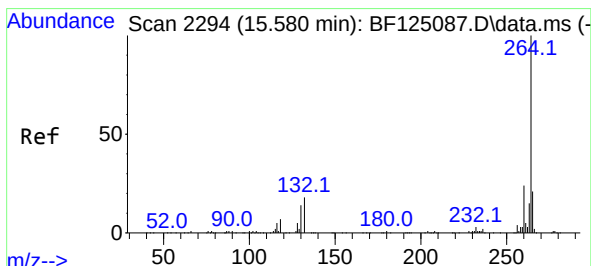
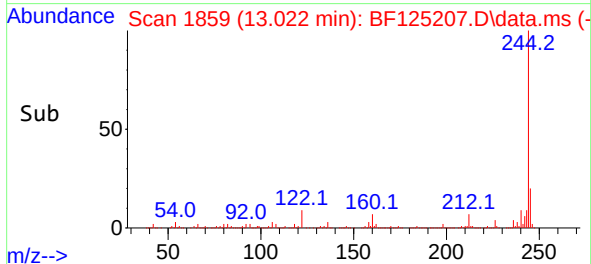
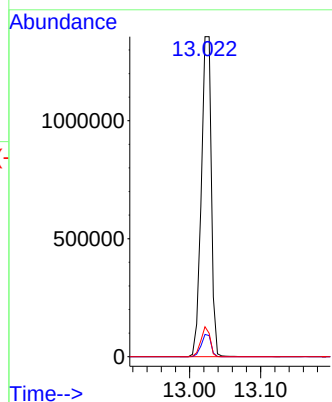
#79
Terphenyl-d14
Concen: 62.176 ng
RT: 13.022 min Scan# 1859
Delta R.T. 0.000 min
Lab File: BF125207.D
Acq: 25 Aug 2021 13:42

Instrument :
BNA_F
ClientSampleId :
PE-2

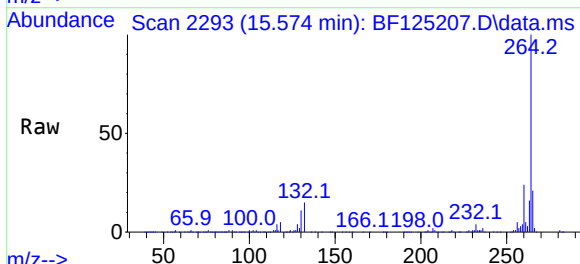


Tgt Ion:244 Resp: 1332994

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	9.4	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: BF125207.D
Acq: 25 Aug 2021 13:42



Tgt Ion:264 Resp: 323623

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.3	17.2	25.8

