

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090921\
 Data File : BF125414.D
 Acq On : 9 Sep 2021 15:56
 Operator : JU/CG
 Sample : M3680-03 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-006-B

Manual Integrations
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Quant Time: Sep 09 17:14:09 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	160344	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	583569	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	271455	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	431355	20.000	ng	0.00
76) Chrysene-d12	14.057	240	336110	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	250976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	202513	19.117	ng	0.00
7) Phenol-d6	6.510	99	271592	19.823	ng	-0.02
23) Nitrobenzene-d5	7.445	82	162419	14.012	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	32055	11.830	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	307554	15.791	ng	-0.01
79) Terphenyl-d14	12.998	244	285185	13.517	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.627	202	80107	3.397	ng	98
78) Pyrene	12.857	202	78762	2.732	ng	98
88) Benzo(b)fluoranthene	15.109	252	36852m	2.010	ng	

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

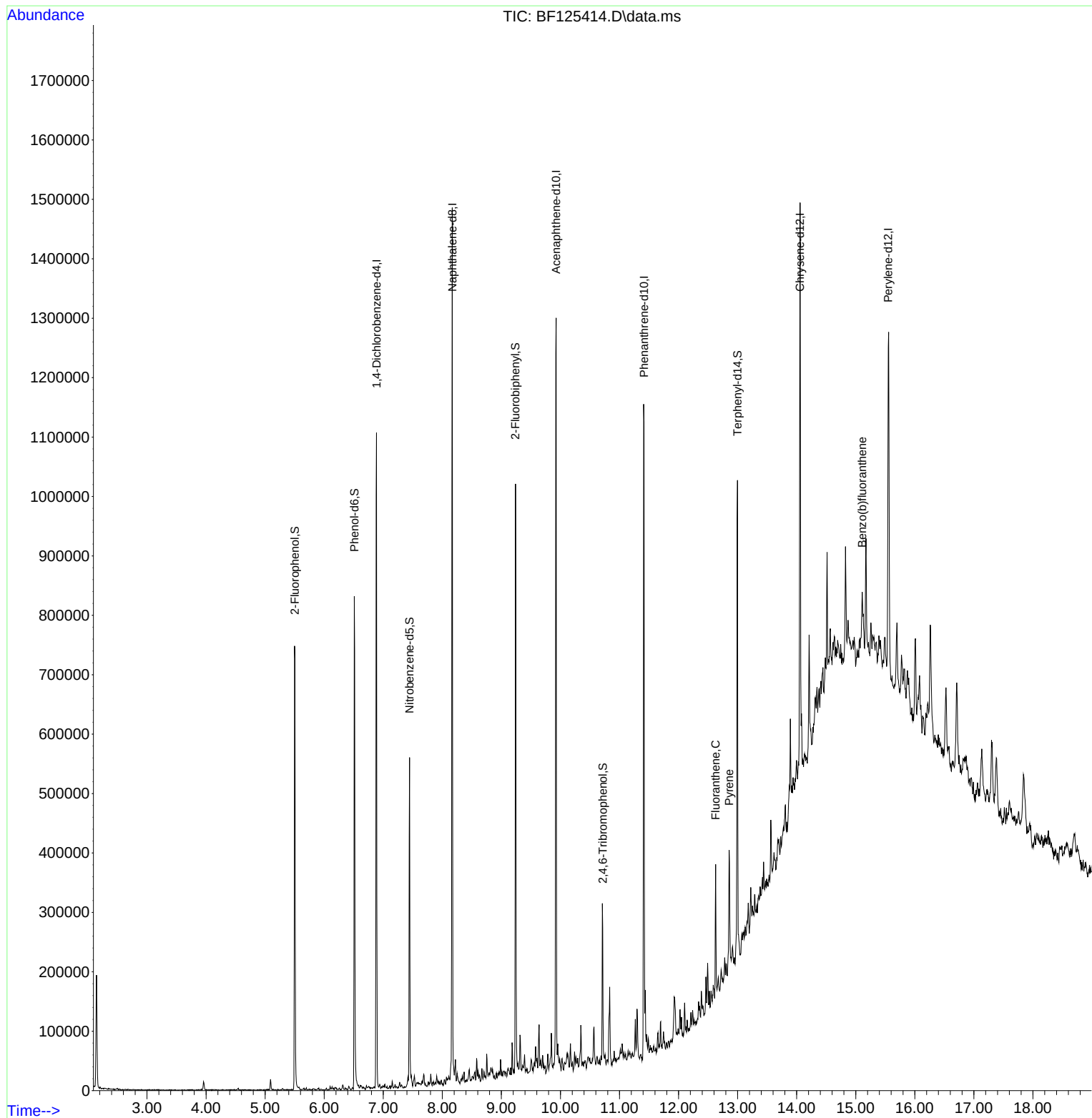
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090921\
Data File : BF125414.D
Acq On : 9 Sep 2021 15:56
Operator : JU/CG
Sample : M3680-03 5X
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ALS Vial : 11 Sample Multiplier: 1

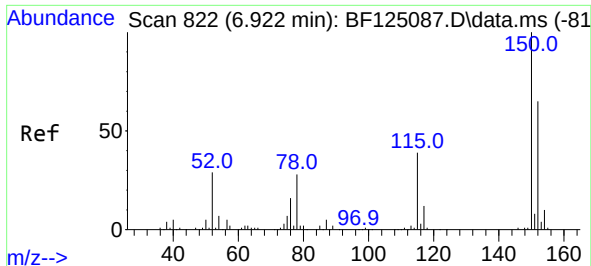
Instrument :
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FK-SF-02-006-B

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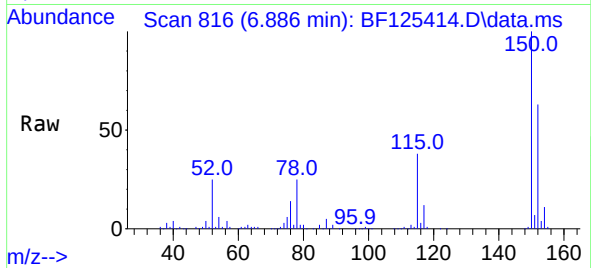
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Quant Time: Sep 09 17:14:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 08 14:14:01 2021
Response via : Initial Calibration

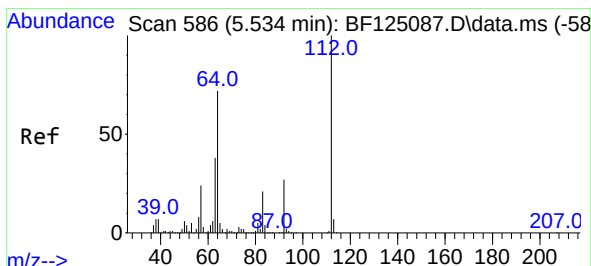
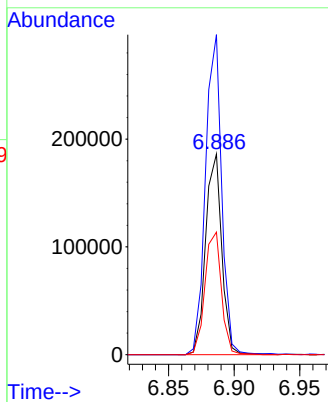
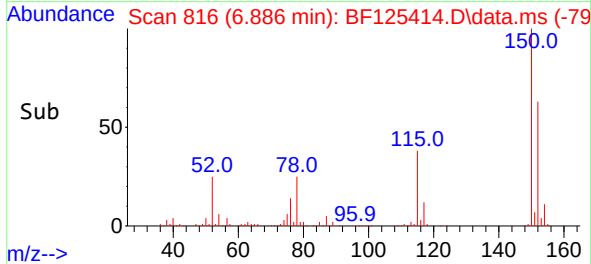




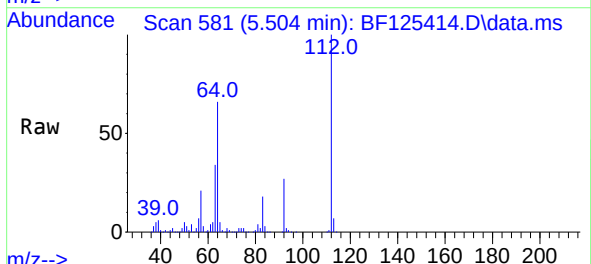
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56



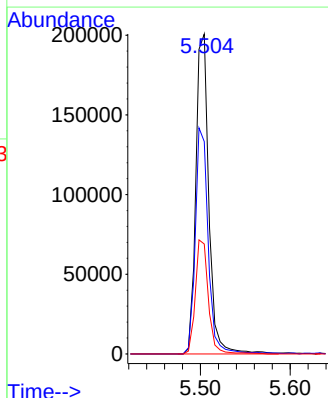
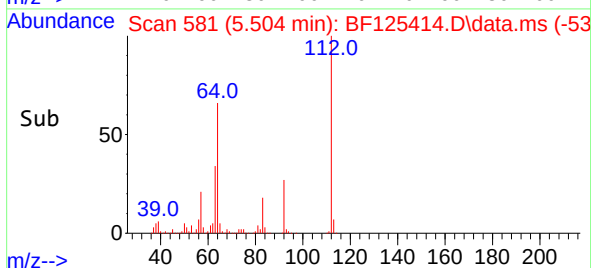
Tgt Ion:152 Resp: 160344
Ion Ratio Lower Upper
152 100
150 159.5 117.6 176.4
115 61.1 47.1 70.7



#5
2-Fluorophenol
Concen: 19.117 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56



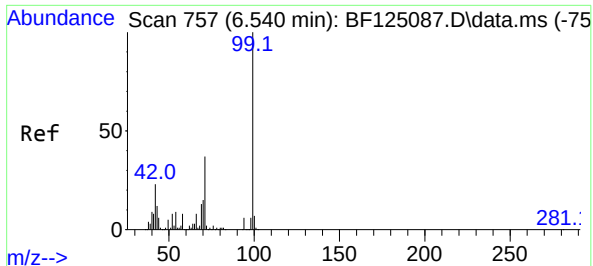
Tgt Ion:112 Resp: 202513
Ion Ratio Lower Upper
112 100
64 66.4 44.2 66.2#
63 34.4 26.2 39.2



Instrument :
BNA_F
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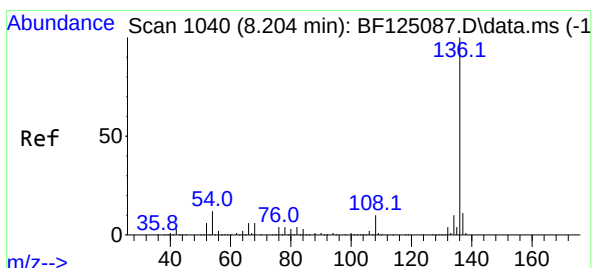
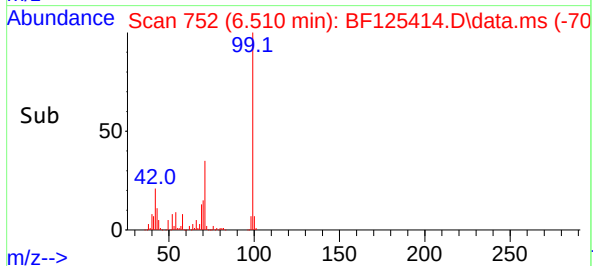
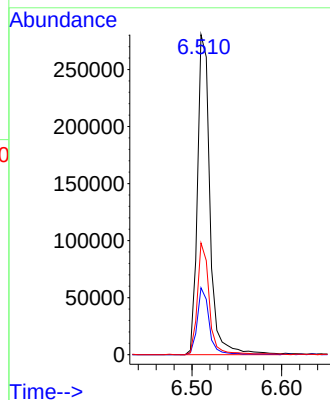
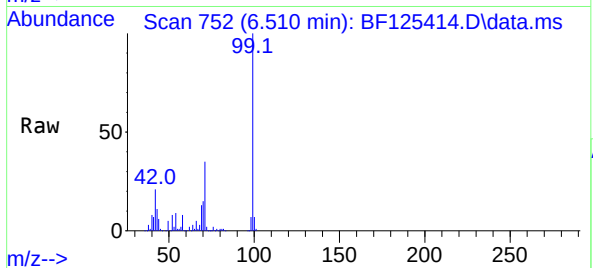
#7
Phenol-d6
Concen: 19.823 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.018 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

Tgt Ion: 99 Resp: 271592
Ion Ratio Lower Upper
99 100
42 20.9 23.5 35.3#
71 34.9 25.6 38.4

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-006-B

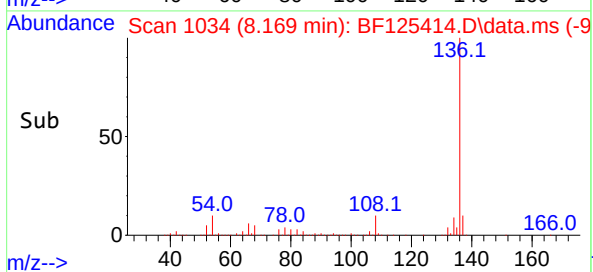
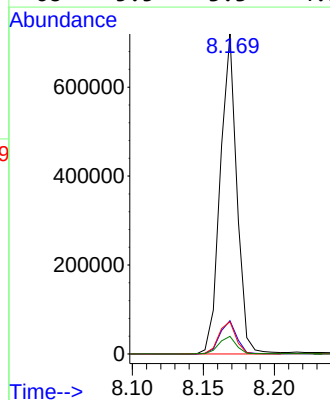
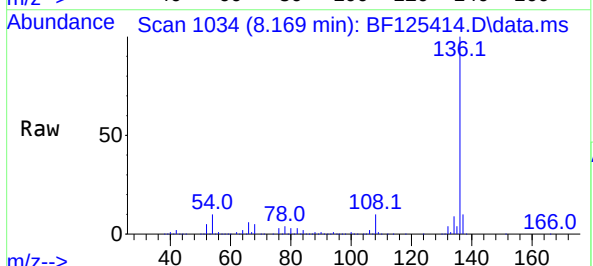
Manual Integrations
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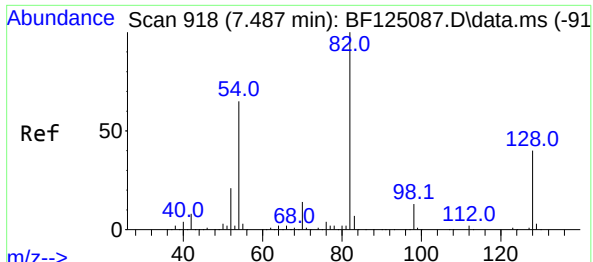
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

Tgt Ion: 136 Resp: 583569
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 10.1 6.4 9.6#
68 5.5 3.3 4.9#





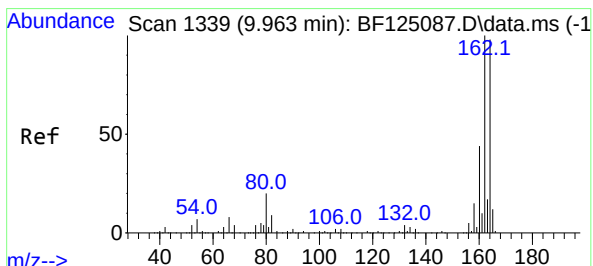
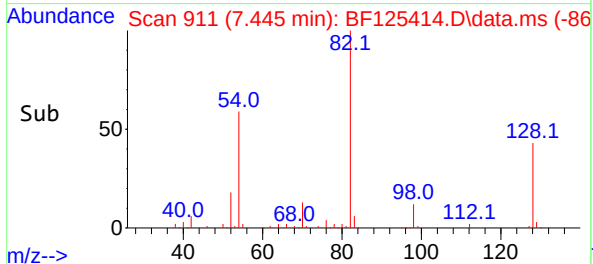
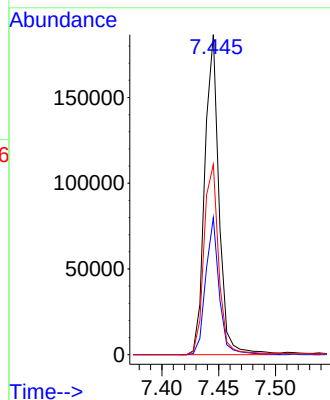
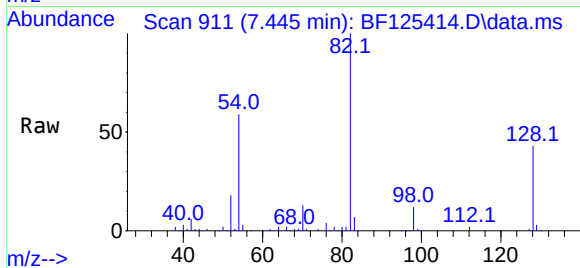
#23
Nitrobenzene-d5
Concen: 14.012 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

Tgt Ion: 82 Resp: 162419
Ion Ratio Lower Upper
82 100
128 42.8 40.6 60.8
54 59.4 49.6 74.4

Instrument :
BNA_F
ClientSampleId :
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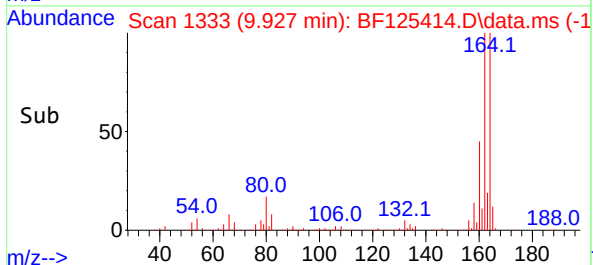
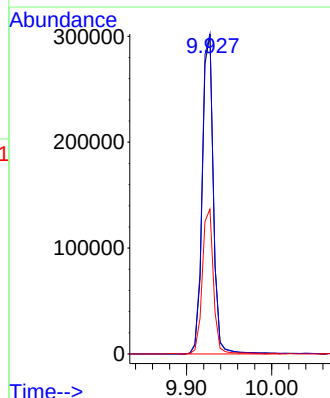
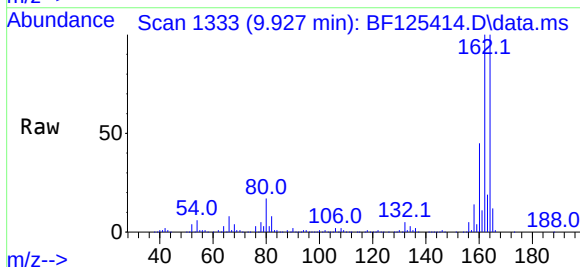
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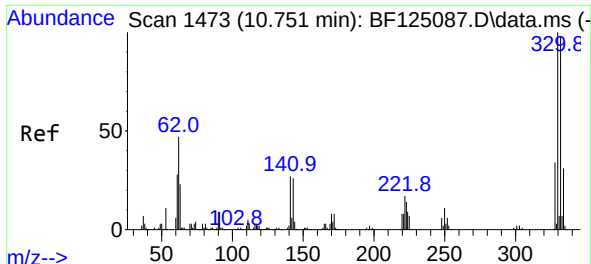
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

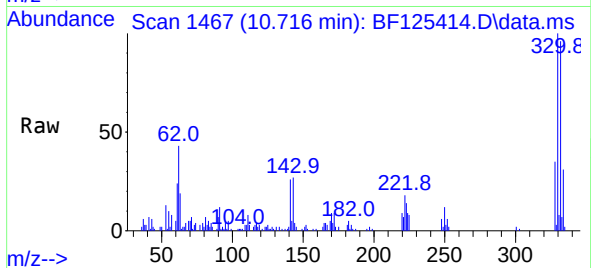
Tgt Ion:164 Resp: 271455
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 45.3 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 11.830 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

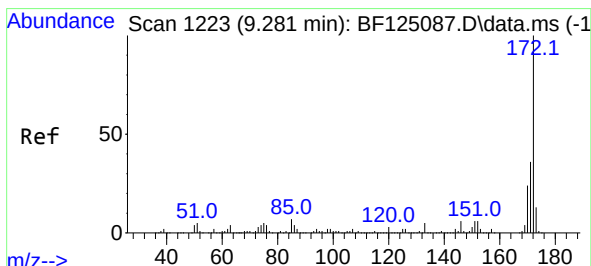
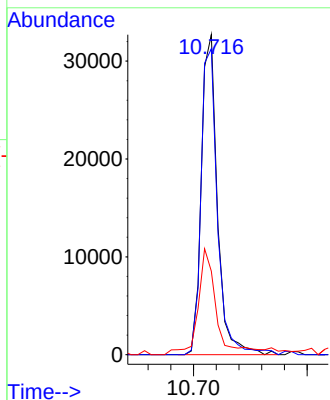
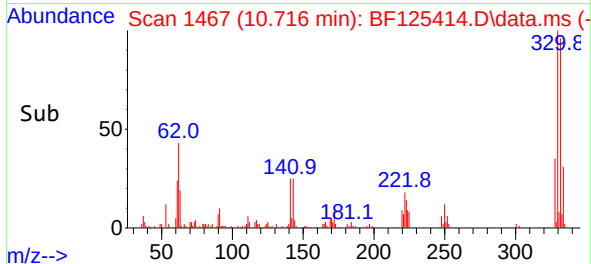
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ClientSampleId :
FK-SF-02-006-B



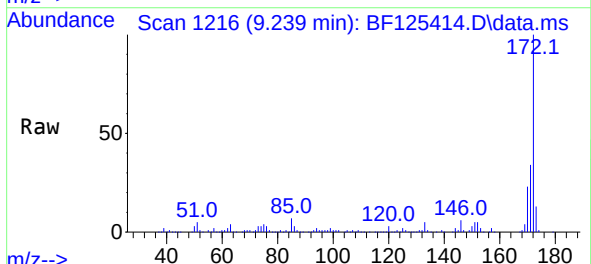
Tgt Ion:330 Resp: 32055
Ion Ratio Lower Upper
330 100
332 98.4 76.2 114.4
141 39.8 44.6 66.8#

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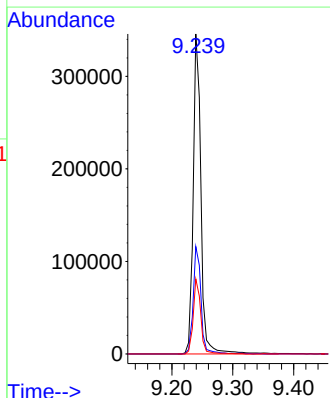
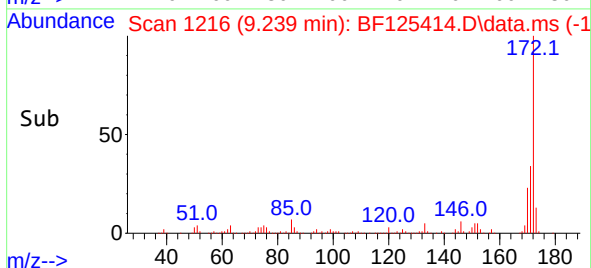
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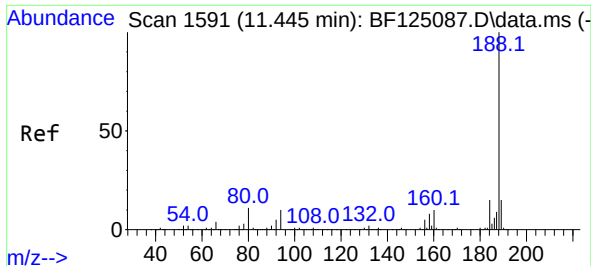


#45
2-Fluorobiphenyl
Concen: 15.791 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56



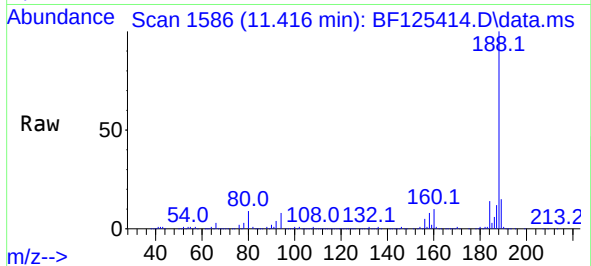
Tgt Ion:172 Resp: 307554
Ion Ratio Lower Upper
172 100
171 33.5 26.5 39.7
170 23.5 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

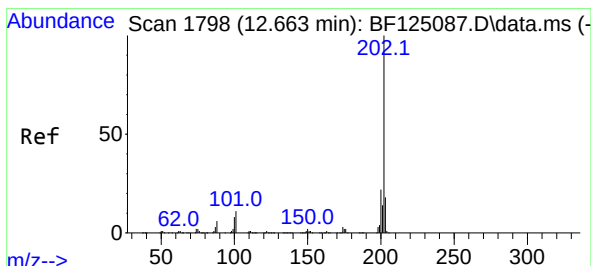
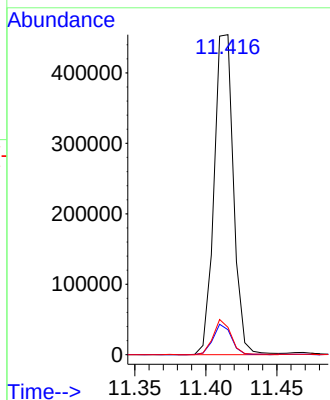
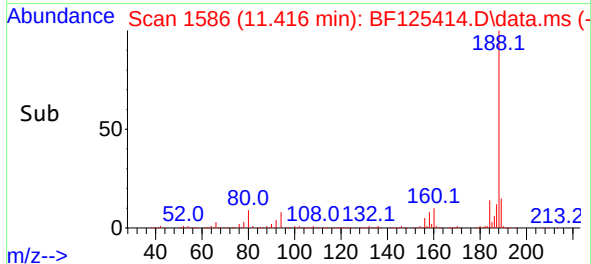
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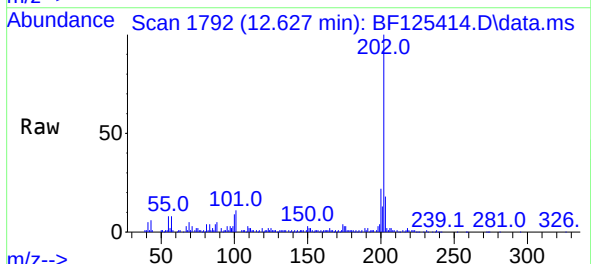
Tgt Ion:188 Resp: 431355
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.6 7.5 11.3

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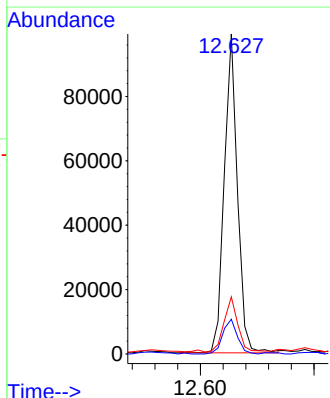
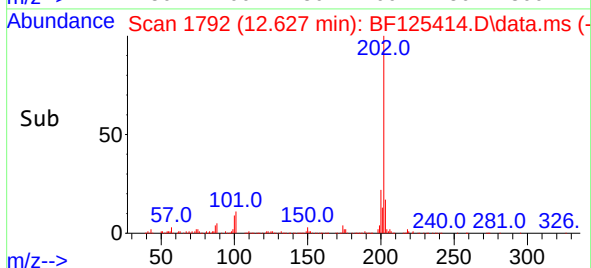
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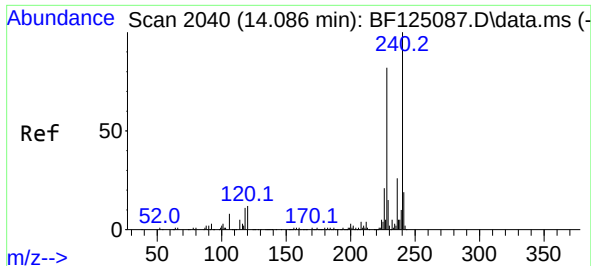


#75
Fluoranthene
Concen: 3.397 ng
RT: 12.627 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56



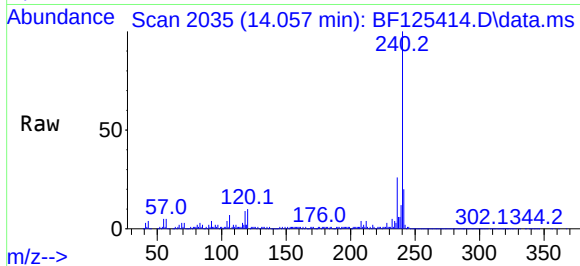
Tgt Ion:202 Resp: 80107
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.7
203 17.9 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

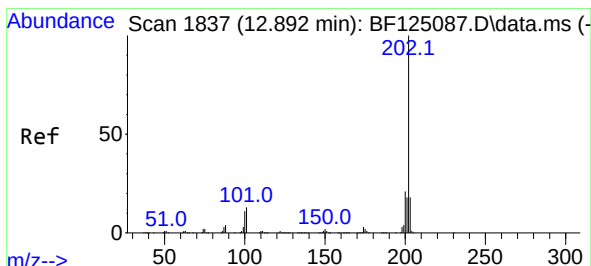
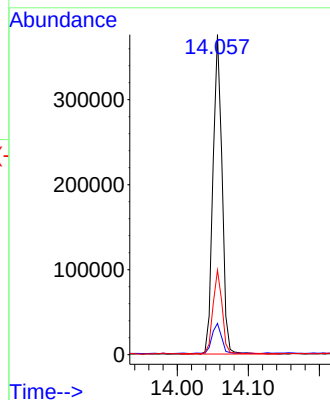
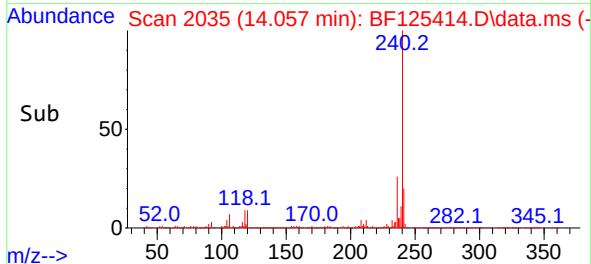
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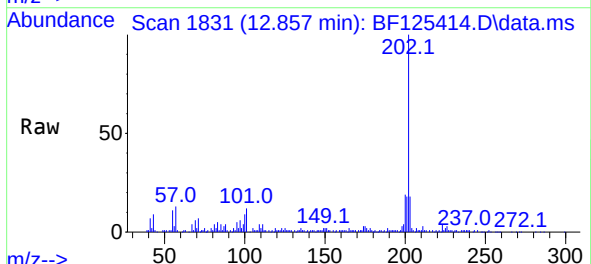
Tgt Ion:240 Resp: 336110
Ion Ratio Lower Upper
240 100
120 9.7 10.8 16.2#
236 26.4 21.6 32.4

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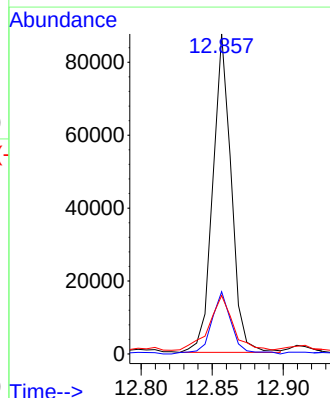
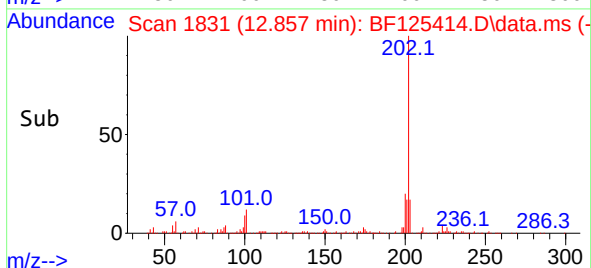
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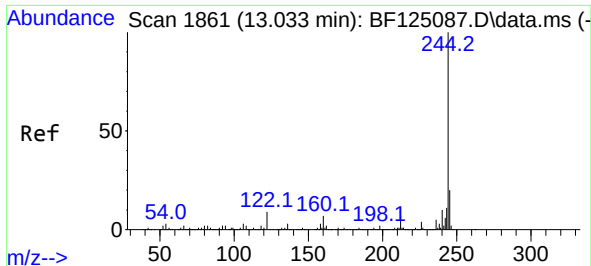


#78
Pyrene
Concen: 2.732 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56



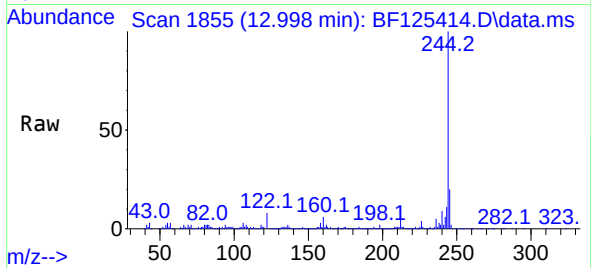
Tgt Ion:202 Resp: 78762
Ion Ratio Lower Upper
202 100
200 19.5 15.3 22.9
203 18.3 13.4 20.0





#79
Terphenyl-d14
Concen: 13.517 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.006 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

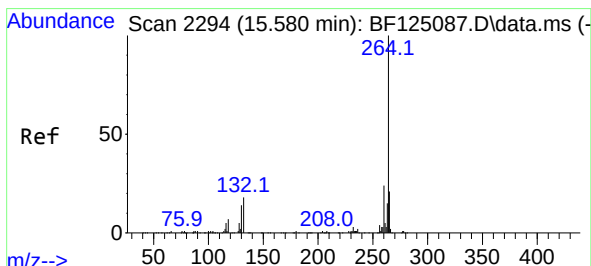
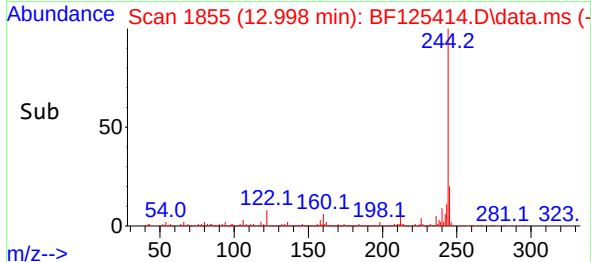
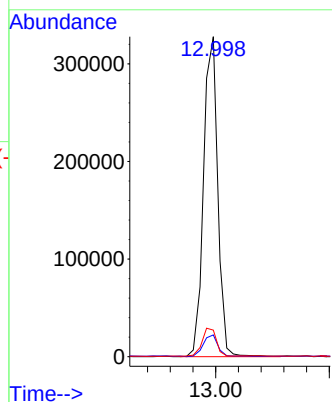
Instrument :
BNA_F
ClientSampleId :
FK-SF-02-006-B



Tgt Ion:244 Resp: 285185
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.3 9.0 13.4#

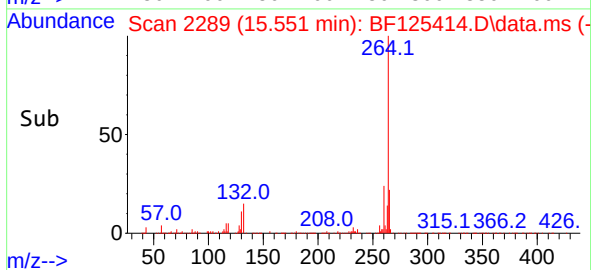
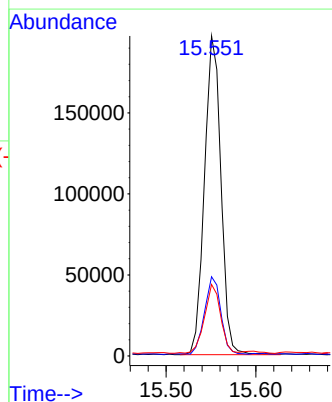
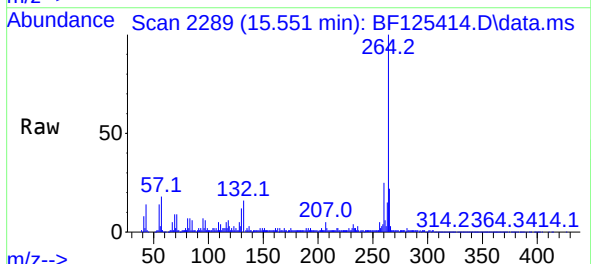
Manual Integrations
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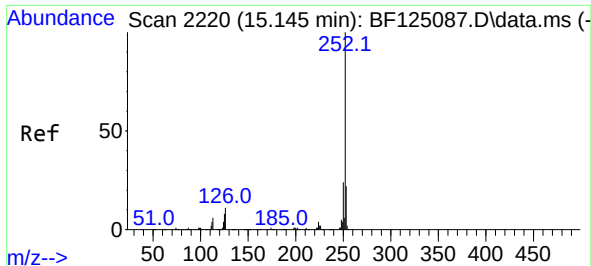
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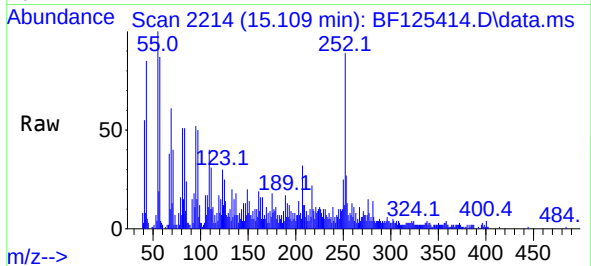
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56

Tgt Ion:264 Resp: 250976
Ion Ratio Lower Upper
264 100
260 24.8 19.6 29.4
265 22.4 17.2 25.8

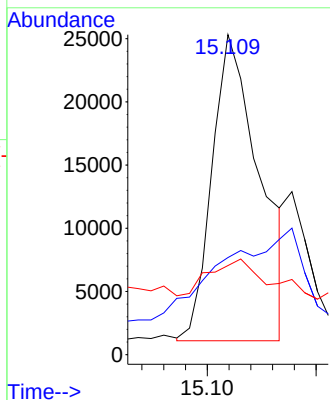
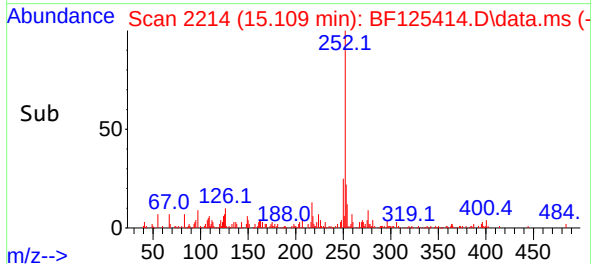




#88
Benzo(b)fluoranthene
Concen: 2.010 ng m
RT: 15.109 min Scan# 2214
Delta R.T. 0.000 min
Lab File: BF125414.D
Acq: 9 Sep 2021 15:56



Tgt Ion:252 Resp: 36852
Ion Ratio Lower Upper
252 100
253 30.3 16.8 25.2#
125 27.9 9.8 14.8#



Instrument :
BNA_F
ClientSampleId :
FK-SF-02-006-B

Manual Integrations
APPROVED

mohammad
9/10/2021 3:25:11 PM