

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
 Data File : BF125820.D
 Acq On : 13 Oct 2021 11:36
 Operator : JU/CG
 Sample : M4158-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T3-COMP-(1-4)

Manual Integrations
 APPROVED

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 10/14/2021 10:54:59 AM

Quant Time: Oct 13 13:29:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 13 13:23:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	233168	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	946945	20.00	ng	# 0.00
39) Acenaphthene-d10	9.874	164	504280	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	850730	20.00	ng	0.00
76) Chrysene-d12	13.992	240	462694	20.00	ng	0.00
86) Perylene-d12	15.451	264	480665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1340100	93.89	ng	0.00
7) Phenol-d6	6.469	99	1705989	92.85	ng	0.00
23) Nitrobenzene-d5	7.404	82	1030351	67.64	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	368308	73.98	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1960943	67.07	ng	0.00
79) Terphenyl-d14	12.945	244	1828826	60.21	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.568	202	158576	3.86	ng	97
78) Pyrene	12.798	202	135470	2.88	ng	96
88) Benzo(b)fluoranthene	15.021	252	71210m	2.62	ng	
90) Benzo(a)pyrene	15.386	252	50876	2.12	ng	97

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

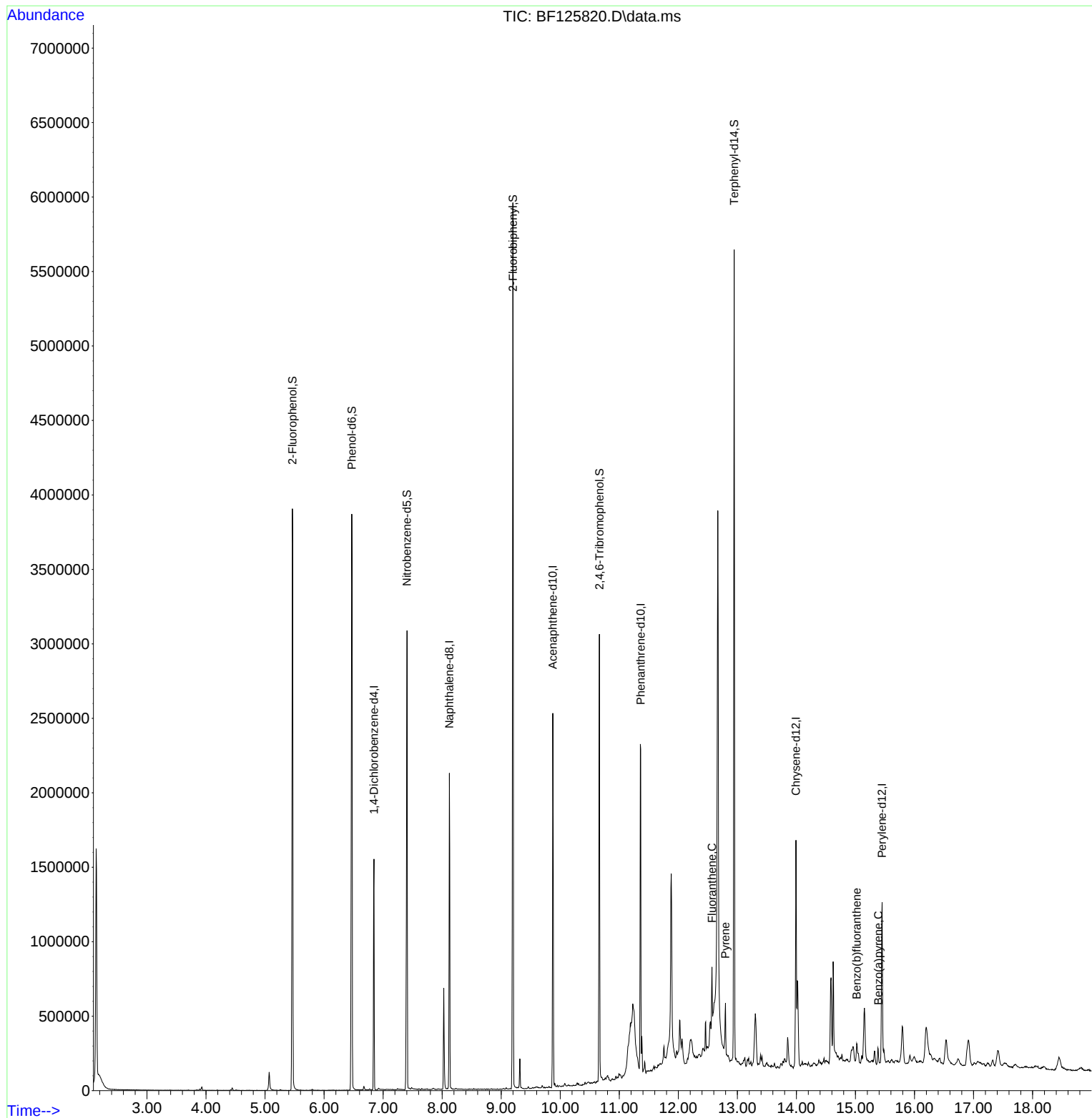
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125820.D
Acq On : 13 Oct 2021 11:36
Operator : JU/CG
Sample : M4158-10
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ALS Vial : 5 Sample Multiplier: 1

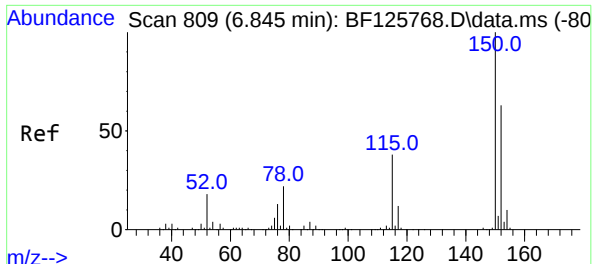
Instrument :
BNA_F
ClientSampleId :
T3-COMP-(1-4)

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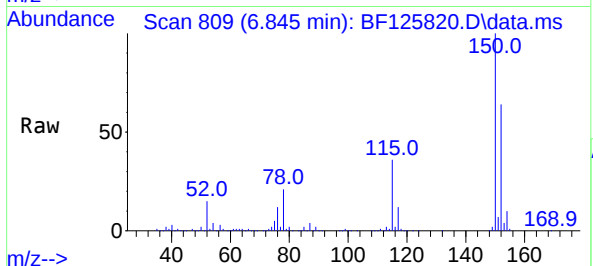
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Quant Time: Oct 13 13:29:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 13:23:32 2021
Response via : Initial Calibration

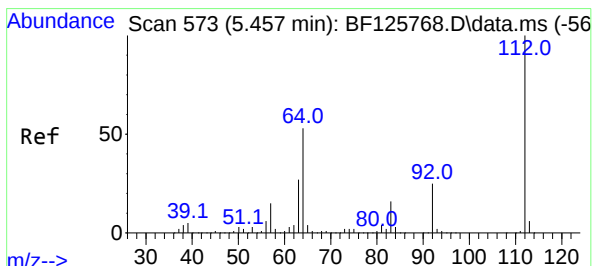
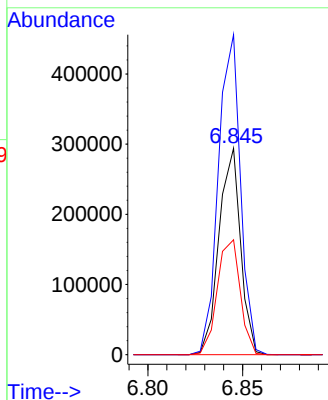
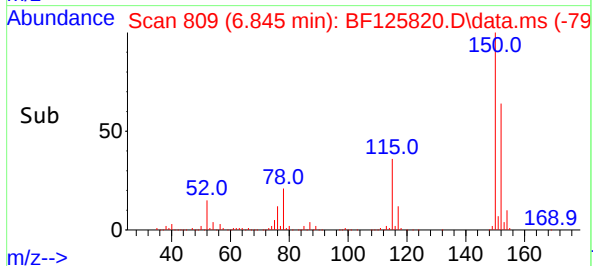




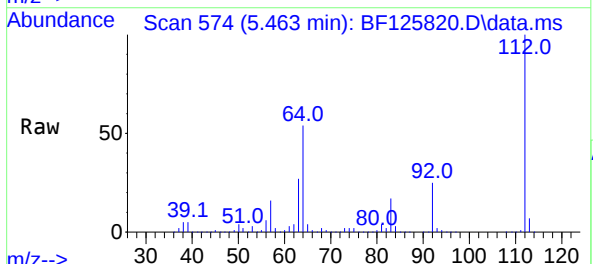
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36



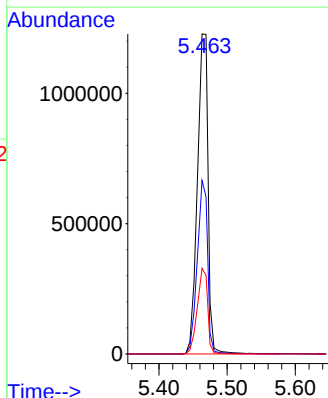
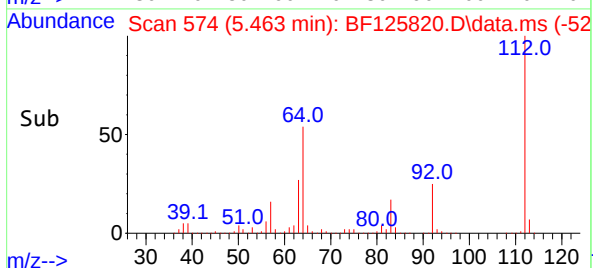
Tgt Ion:152 Resp: 233168
Ion Ratio Lower Upper
152 100
150 155.1 117.6 176.4
115 55.7 47.1 70.7



#5
2-Fluorophenol
Concen: 93.89 ng
RT: 5.463 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36



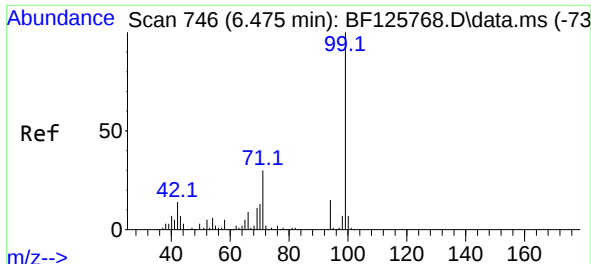
Tgt Ion:112 Resp: 1340100
Ion Ratio Lower Upper
112 100
64 54.2 44.2 66.2
63 26.7 26.2 39.2



Instrument :
BNA_F
ClientSampleId :
T3-COMP-(1-4)

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#7
Phenol-d6
Concen: 92.85 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36

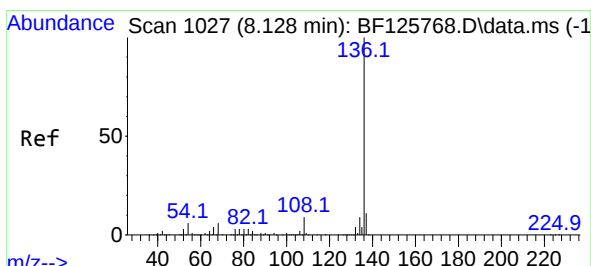
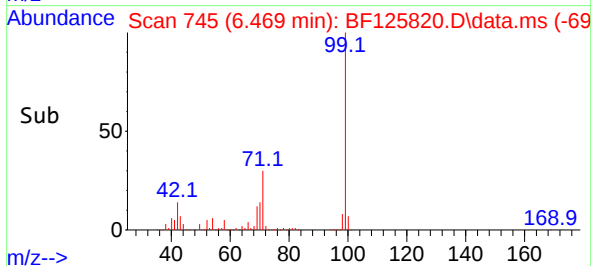
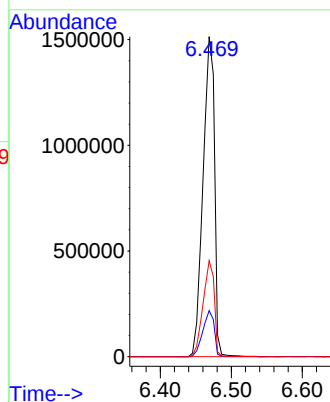
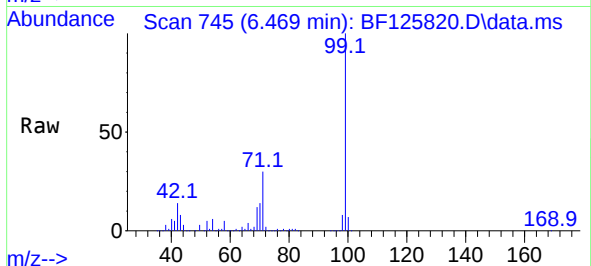
Tgt Ion: 99 Resp: 1705989

Ion	Ratio	Lower	Upper
99	100		
42	14.4	23.5	35.3#
71	30.0	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
T3-COMP-(1-4)

Manual Integrations
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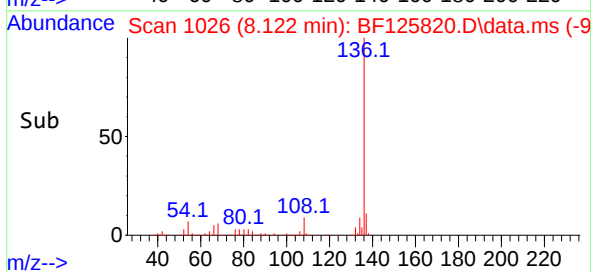
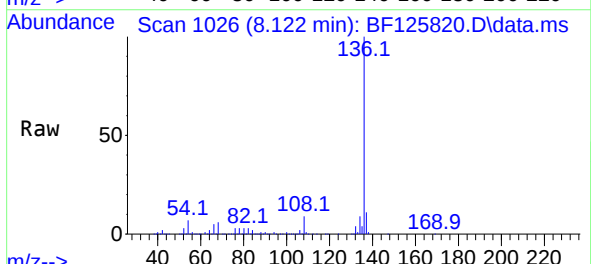
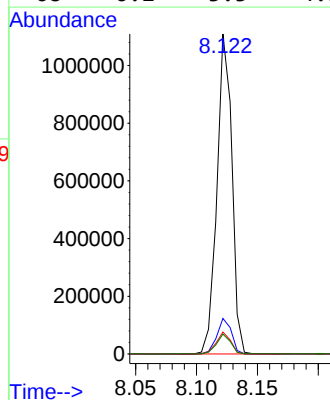
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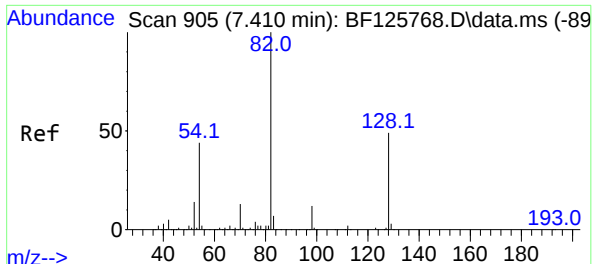


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36

Tgt Ion: 136 Resp: 946945

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	6.9	6.4	9.6
68	6.2	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 67.64 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF125820.D

Acq: 13 Oct 2021 11:36

Tgt Ion: 82 Resp: 1030351

Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.6	60.8
54	43.5	49.6	74.4#

Instrument :

BNA_F

ClientSampleId :

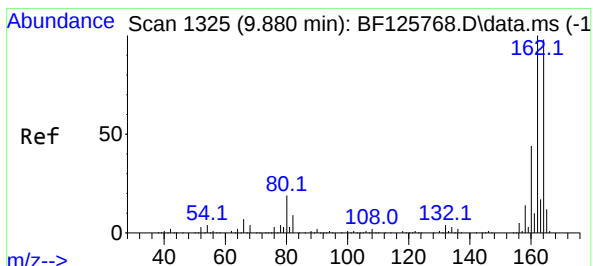
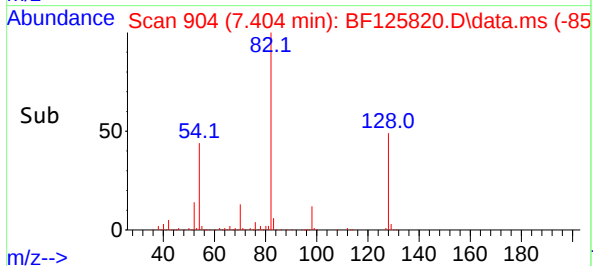
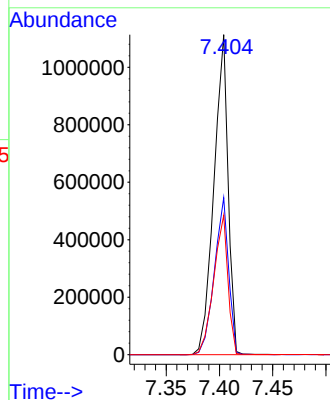
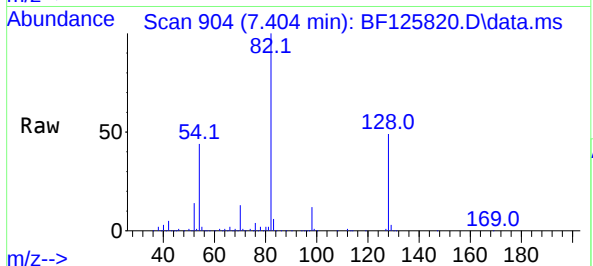
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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.874 min Scan# 1324

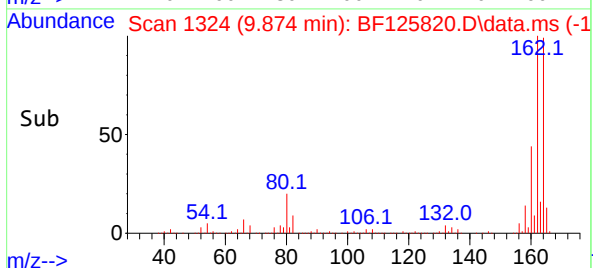
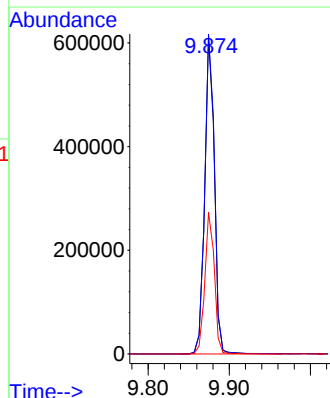
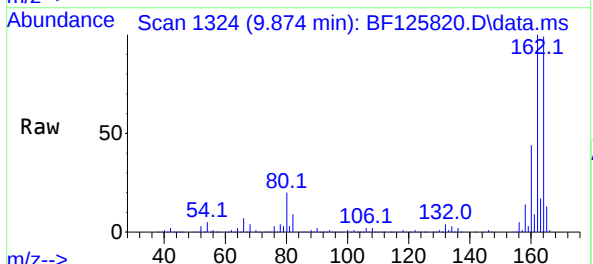
Delta R.T. -0.006 min

Lab File: BF125820.D

Acq: 13 Oct 2021 11:36

Tgt Ion:164 Resp: 504280

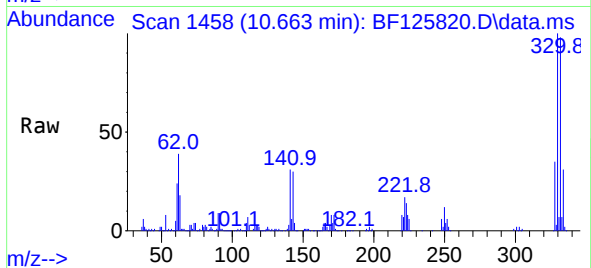
Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.3	121.9
160	44.5	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 73.98 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36

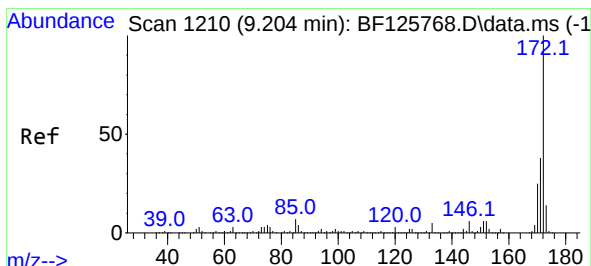
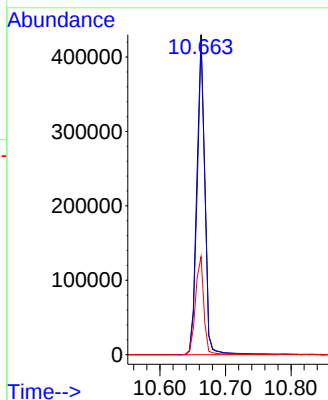
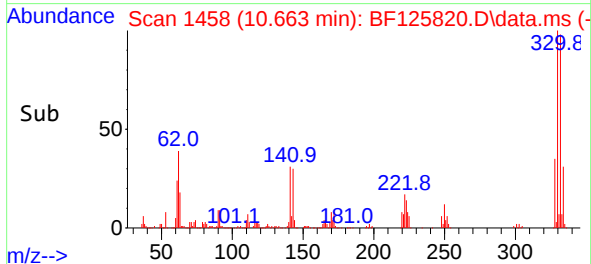
Instrument :
BNA_F
ClientSampleId :
T3-COMP-(1-4)



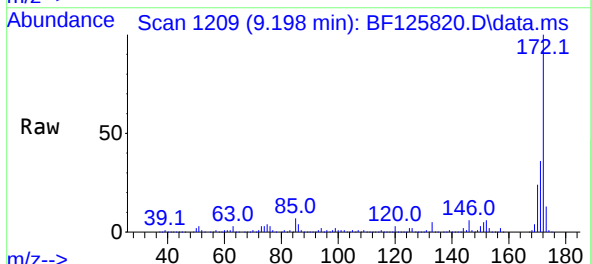
Tgt Ion:330 Resp: 368308
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 31.8 44.6 66.8#

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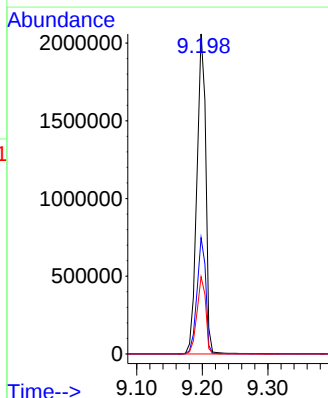
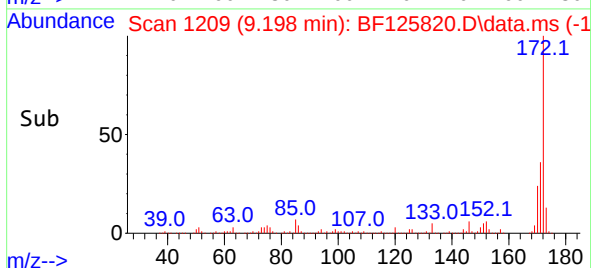
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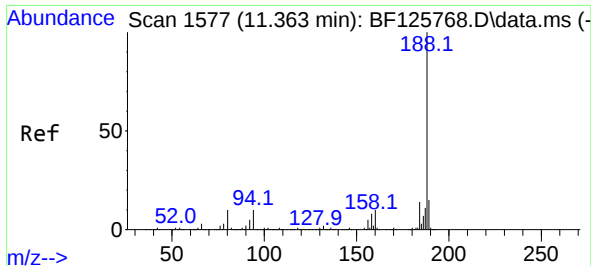


#45
2-Fluorobiphenyl
Concen: 67.07 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36

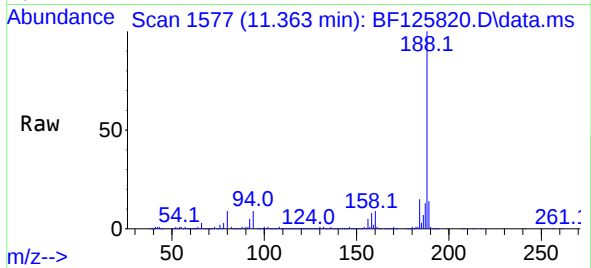


Tgt Ion:172 Resp: 1960943
Ion Ratio Lower Upper
172 100
171 36.4 26.5 39.7
170 24.2 18.8 28.2

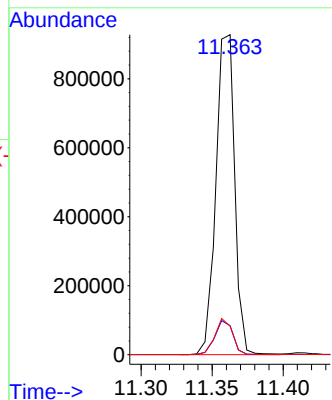




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36



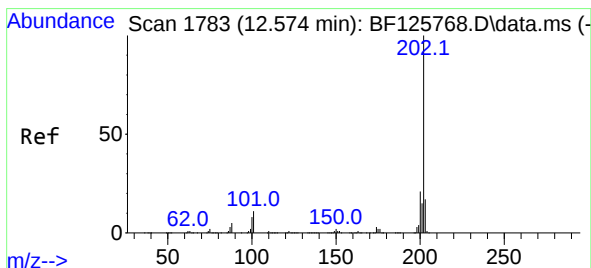
Tgt Ion:188 Resp: 850730
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 8.9 7.5 11.3



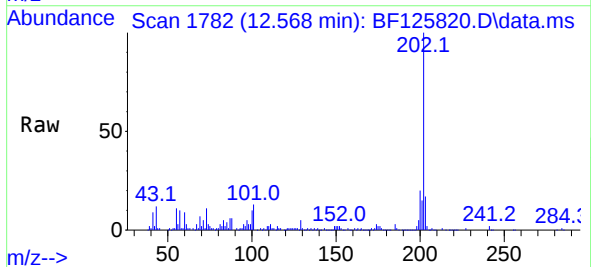
Instrument :
BNA_F
ClientSampleId :
T3-COMP-(1-4)

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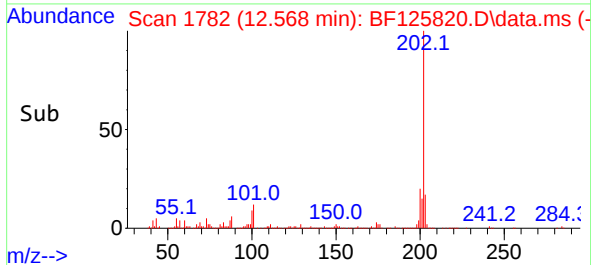
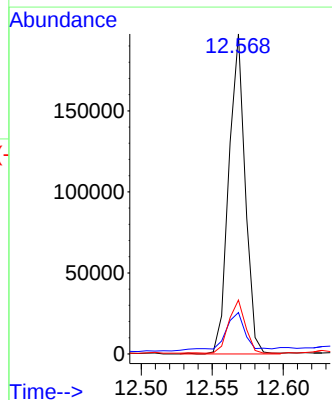
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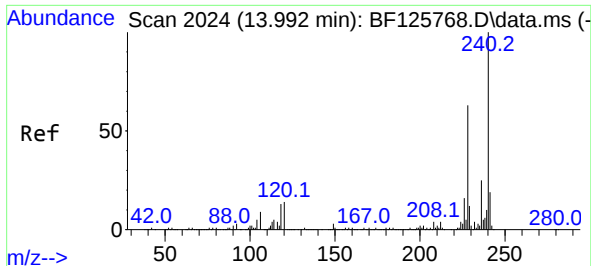


#75
Fluoranthene
Concen: 3.86 ng
RT: 12.568 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36



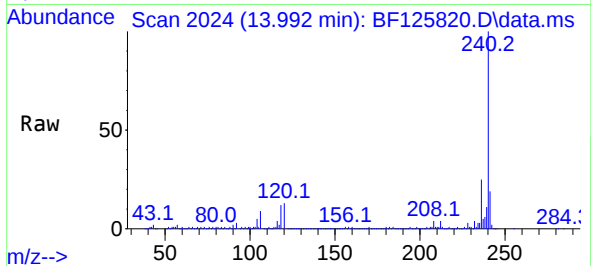
Tgt Ion:202 Resp: 158576
Ion Ratio Lower Upper
202 100
101 12.9 0.0 30.7
203 16.8 0.0 36.3





#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36

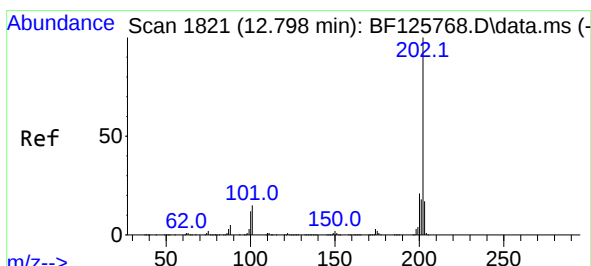
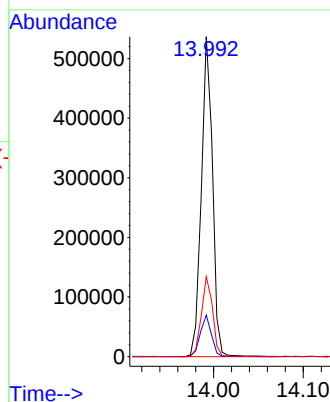
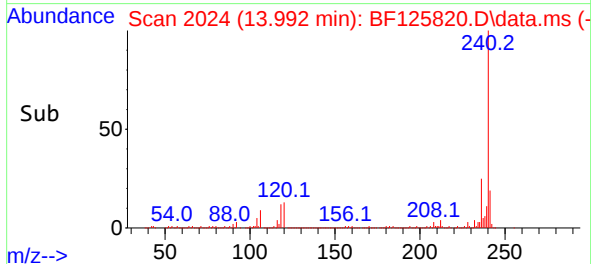
Instrument :
BNA_F
ClientSampleId :
T3-COMP-(1-4)



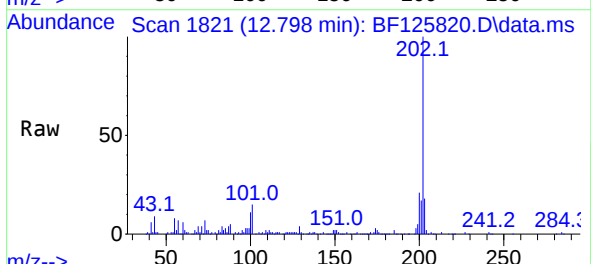
Tgt Ion:240 Resp: 462694
Ion Ratio Lower Upper
240 100
120 13.0 10.8 16.2
236 25.0 21.6 32.4

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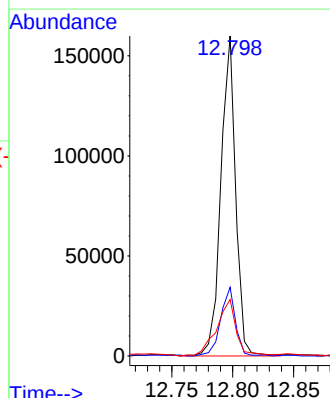
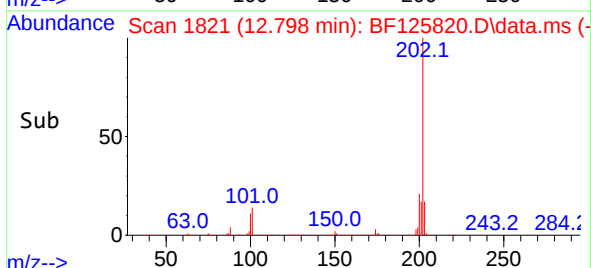
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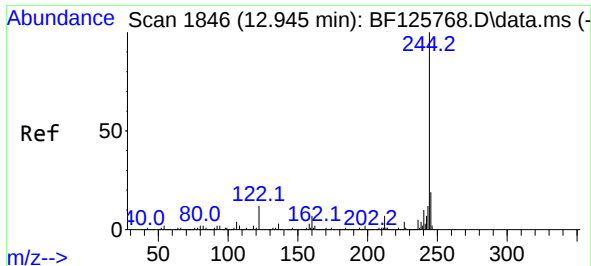


#78
Pyrene
Concen: 2.88 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36

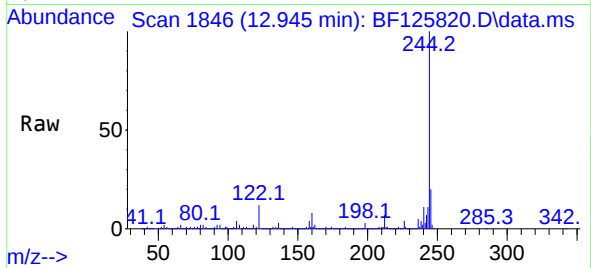


Tgt Ion:202 Resp: 135470
Ion Ratio Lower Upper
202 100
200 21.5 15.3 22.9
203 17.7 13.4 20.0



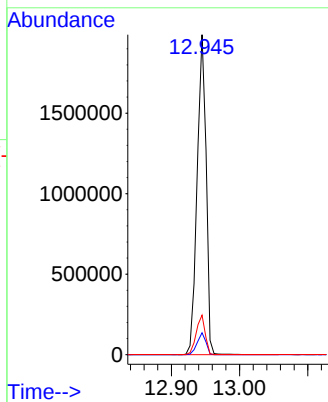
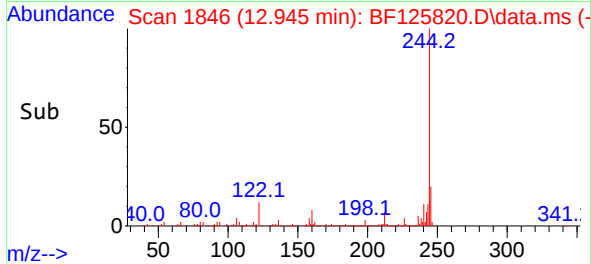


#79
Terphenyl-d14
Concen: 60.21 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36



Tgt Ion:244 Resp: 1828826

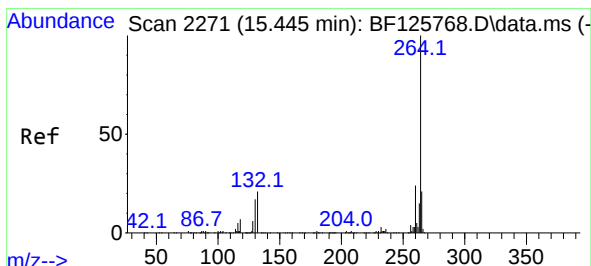
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	12.3	9.0	13.4



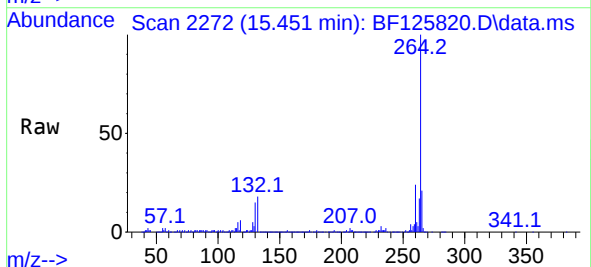
Instrument :
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T3-COMP-(1-4)

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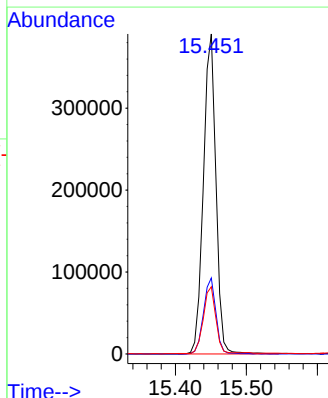
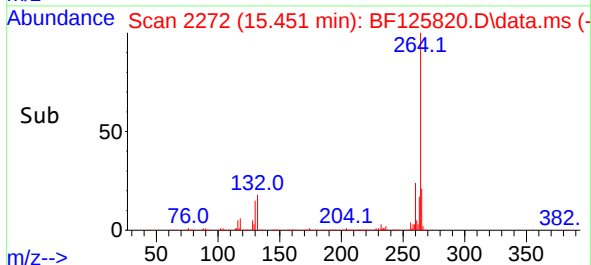


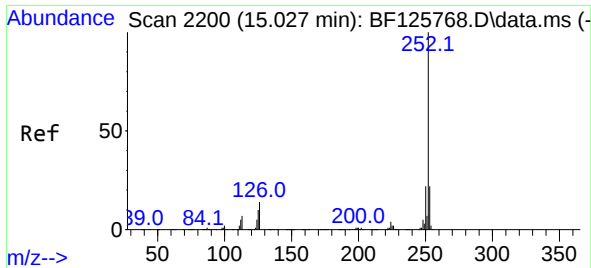
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.000 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36



Tgt Ion:264 Resp: 480665

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.0	17.2	25.8





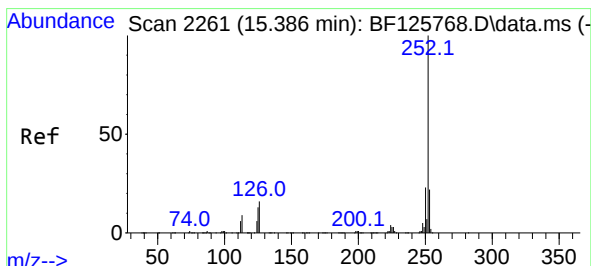
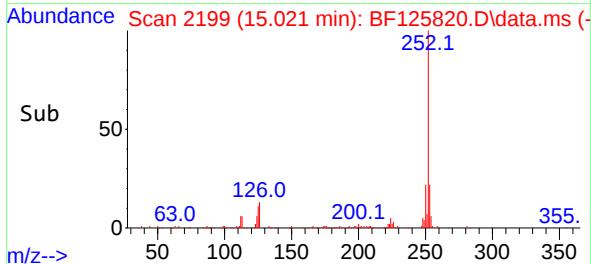
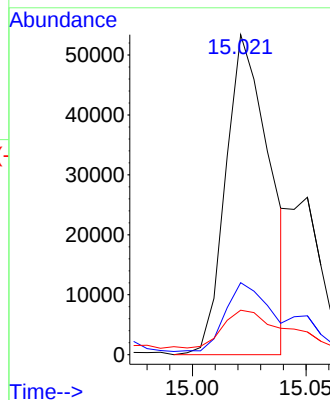
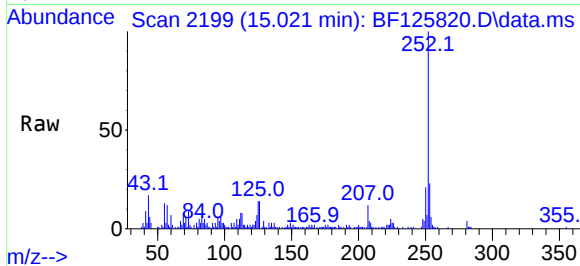
#88
Benzo(b)fluoranthene
Concen: 2.62 ng m
RT: 15.021 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36

Tgt Ion:252 Resp: 71210
Ion Ratio Lower Upper
252 100
253 22.5 16.8 25.2
125 13.9 9.8 14.8

Instrument :
BNA_F
ClientSampleId :
T3-COMP-(1-4)

Manual Integrations
APPROVED

mohammad
10/14/2021 10:54:59 AM



#90
Benzo(a)pyrene
Concen: 2.12 ng
RT: 15.386 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF125820.D
Acq: 13 Oct 2021 11:36

Tgt Ion:252 Resp: 50876
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 13.6 9.9 14.9

