

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
 Data File : BF124912.D
 Acq On : 2 Aug 2021 17:30
 Operator : JU/CG
 Sample : M3235-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-457-COMP

Manual Integrations
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mohammad
 8/3/2021 11:48:36 AM

Quant Time: Aug 02 18:32:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 02 11:15:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	6187	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	24884	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	13448	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	22648	20.000	ng	0.00
76) Chrysene-d12	14.010	240	13174	20.000	ng	#-0.01
86) Perylene-d12	15.474	264	12945	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	34521	94.472	ng	0.00
7) Phenol-d6	6.481	99	42950	93.757	ng	0.00
23) Nitrobenzene-d5	7.416	82	28320	67.736	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	9166	79.384	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	53979	58.954	ng	0.00
79) Terphenyl-d14	12.957	244	46276	60.212	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.586	202	2920	2.349	ng	96
78) Pyrene	12.816	202	3013	2.889	ng	97
88) Benzo(b)fluoranthene	15.051	252	2260m	2.480	ng	

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

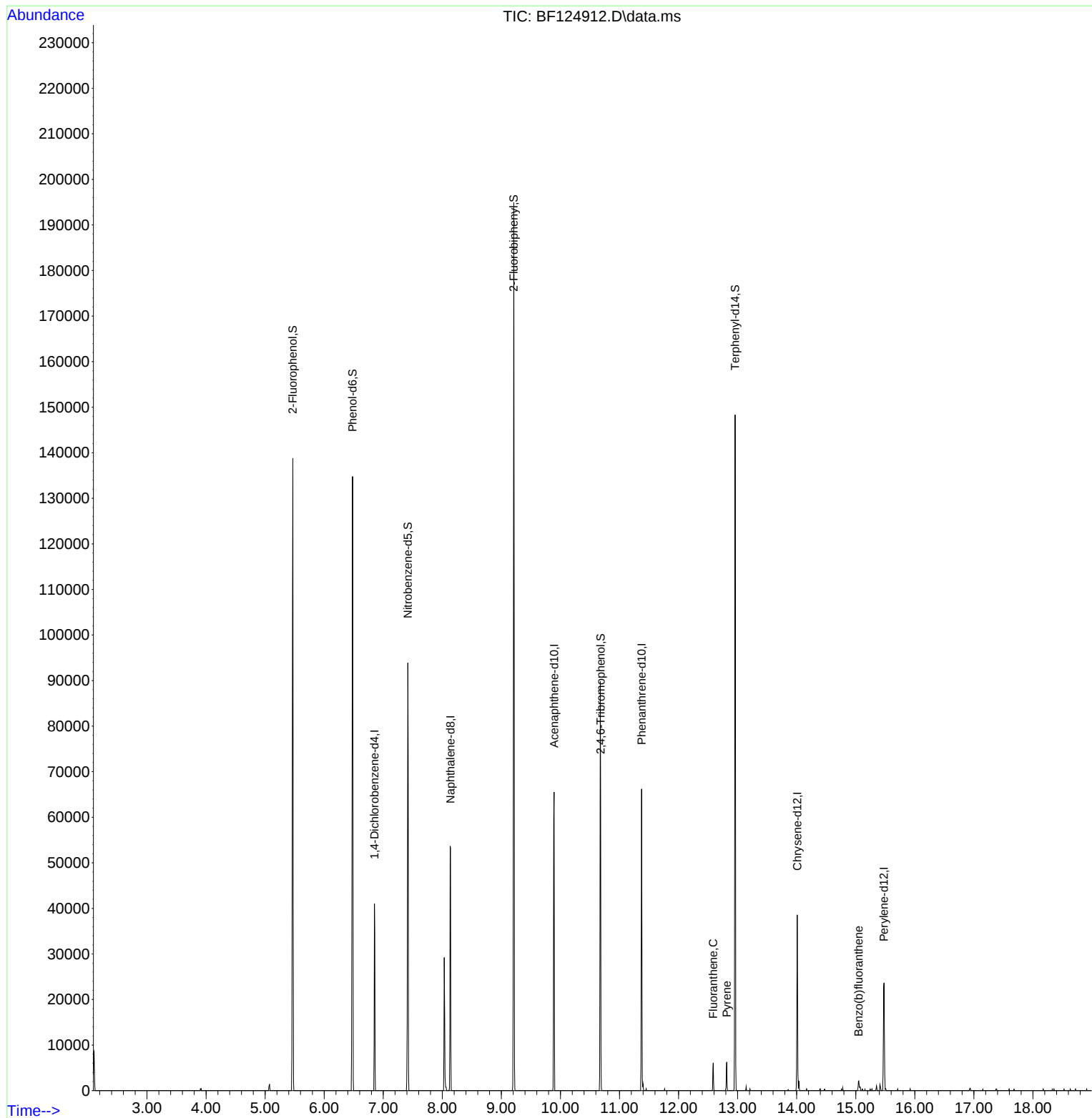
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080221\
Data File : BF124912.D
Acq On : 2 Aug 2021 17:30
Operator : JU/CG
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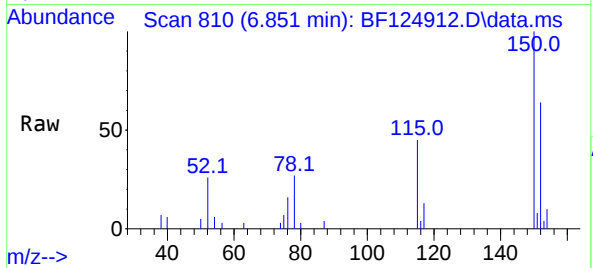
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Quant Time: Aug 02 18:32:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:15:51 2021
Response via : Initial Calibration

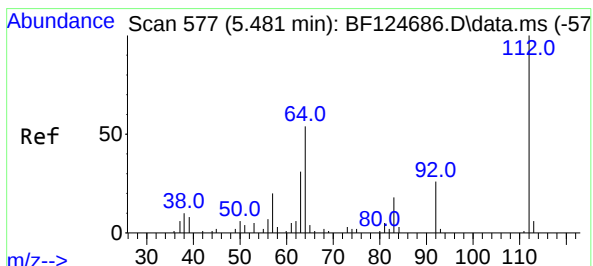
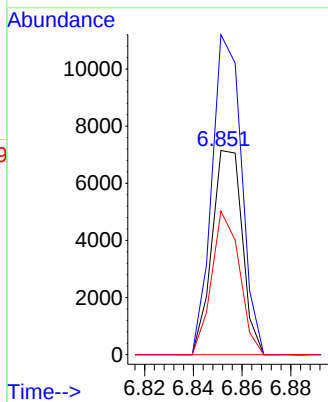
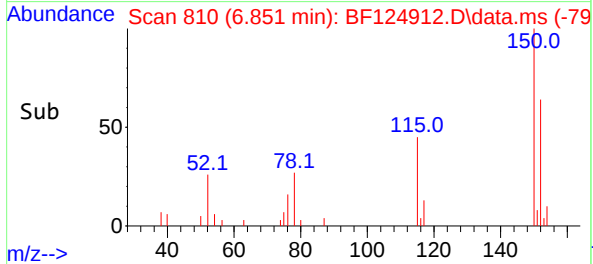




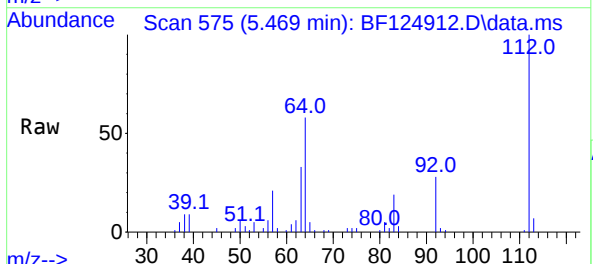
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30



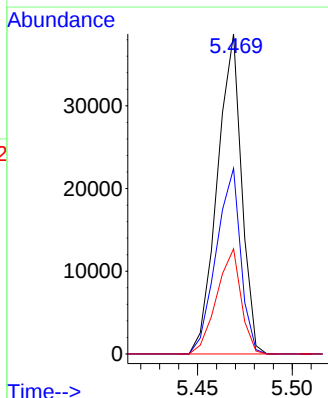
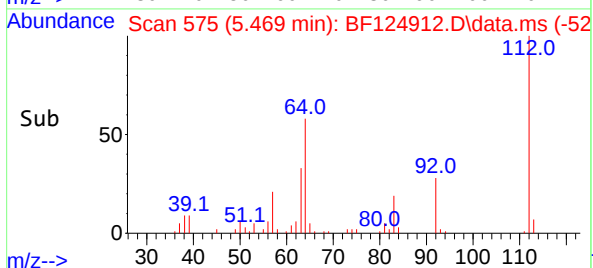
Tgt Ion:152 Resp: 6187
Ion Ratio Lower Upper
152 100
150 156.7 117.6 176.4
115 70.3 47.1 70.7



#5
2-Fluorophenol
Concen: 94.472 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30



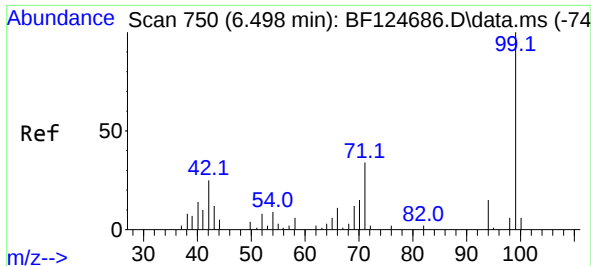
Tgt Ion:112 Resp: 34521
Ion Ratio Lower Upper
112 100
64 58.0 44.2 66.2
63 32.8 26.2 39.2



Instrument :
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ClientSampleId :
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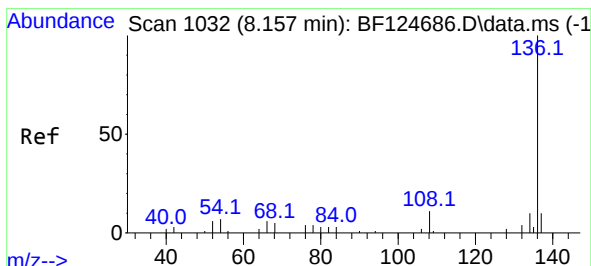
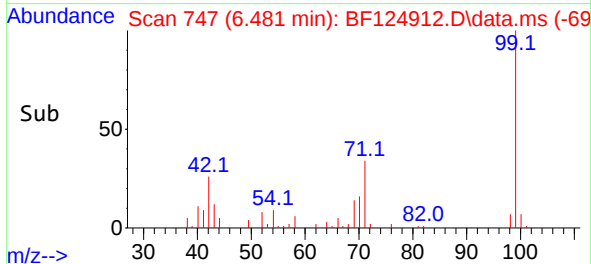
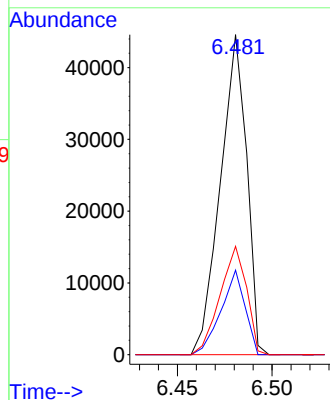
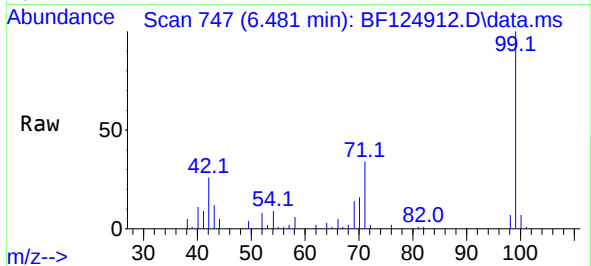
#7
Phenol-d6
Concen: 93.757 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

Tgt Ion:	99	Resp:	42950
Ion	Ratio	Lower	Upper
99	100		
42	26.4	23.5	35.3
71	33.9	25.6	38.4

Instrument :
BNA_F
ClientSampleId :
MH-457-COMP

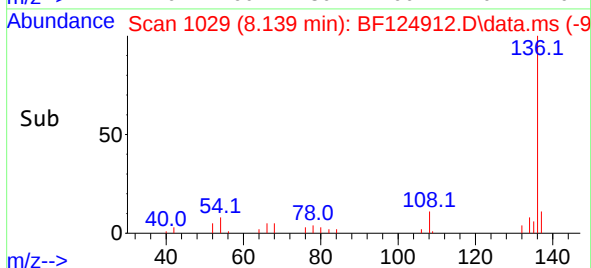
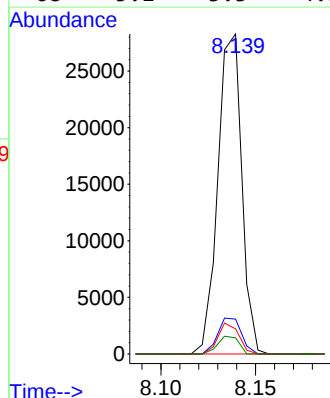
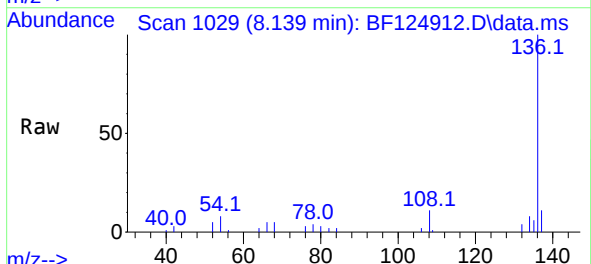
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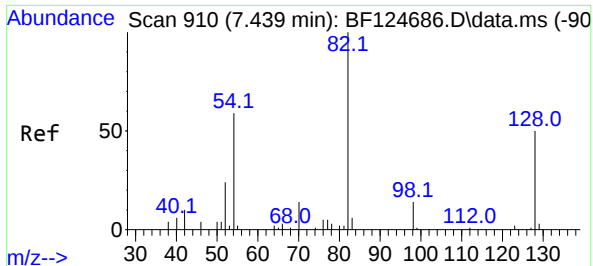
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

Tgt Ion:	136	Resp:	24884
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.6
54	7.9	6.4	9.6
68	5.1	3.3	4.9





#23

Nitrobenzene-d5

Concen: 67.736 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF124912.D

Acq: 2 Aug 2021 17:30

Tgt Ion:	82	Resp:	28320
Ion	Ratio	Lower	Upper
82	100		
128	42.4	40.6	60.8
54	56.4	49.6	74.4

Instrument :

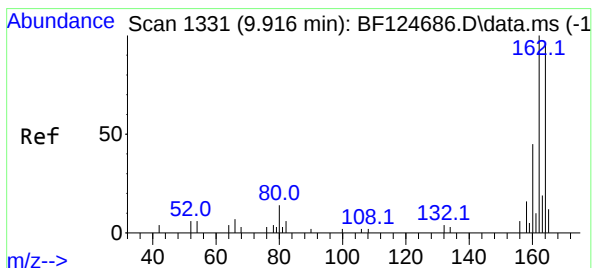
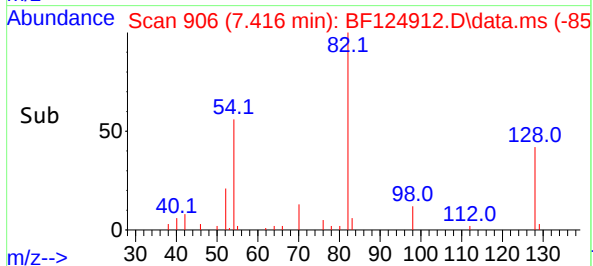
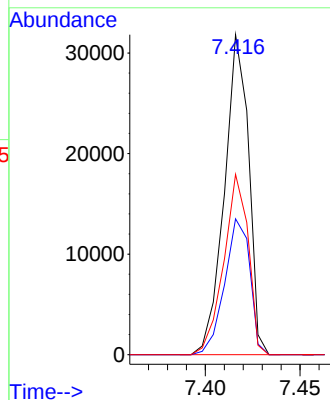
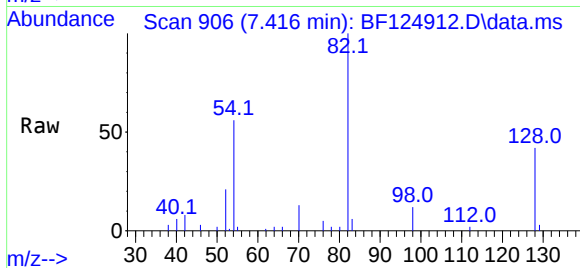
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#39

Acenaphthene-d10

Concen: 20.000 ng

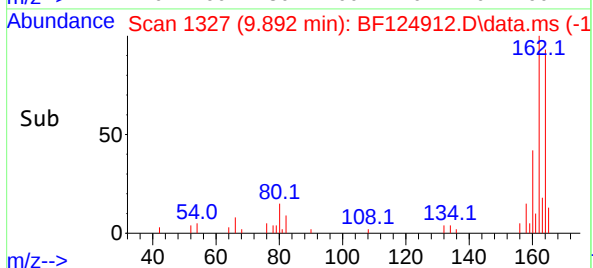
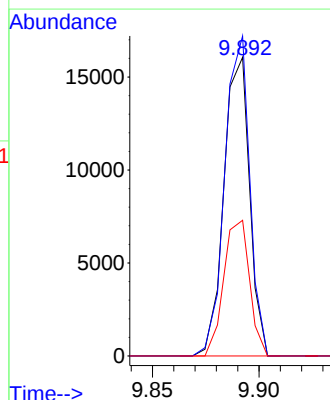
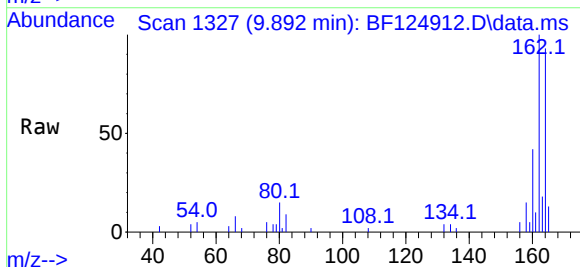
RT: 9.892 min Scan# 1327

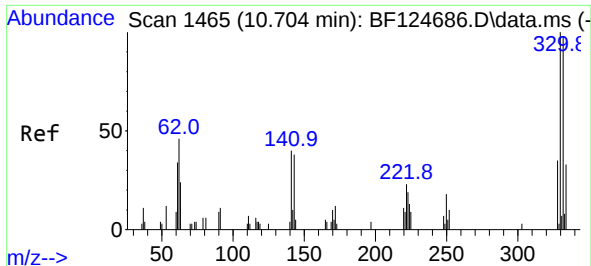
Delta R.T. 0.000 min

Lab File: BF124912.D

Acq: 2 Aug 2021 17:30

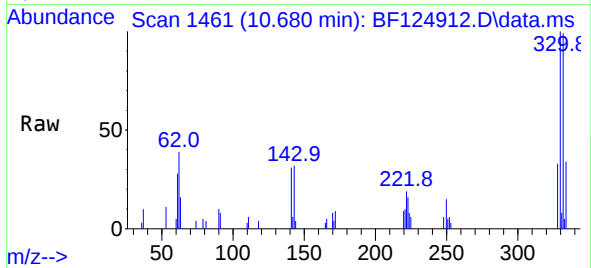
Tgt Ion:	164	Resp:	13448
Ion	Ratio	Lower	Upper
164	100		
162	107.1	81.3	121.9
160	45.5	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 79.384 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

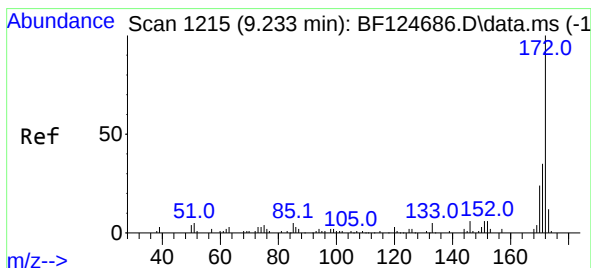
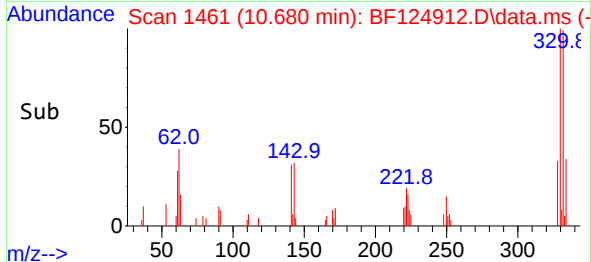
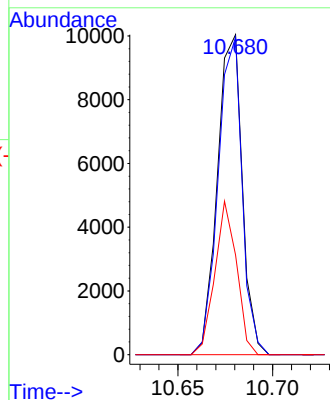
Instrument :
BNA_F
ClientSampleId :
MH-457-COMP



Tgt Ion:330 Resp: 9166
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 42.1 44.6 66.8#

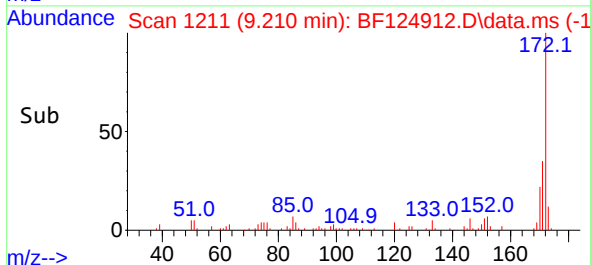
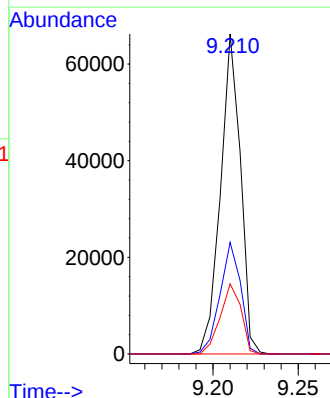
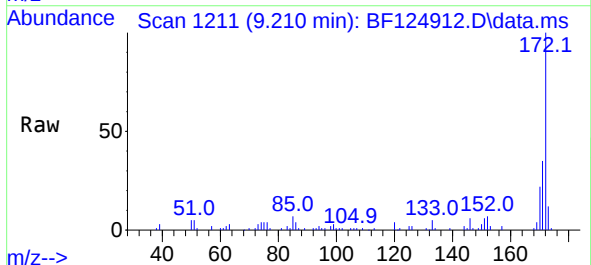
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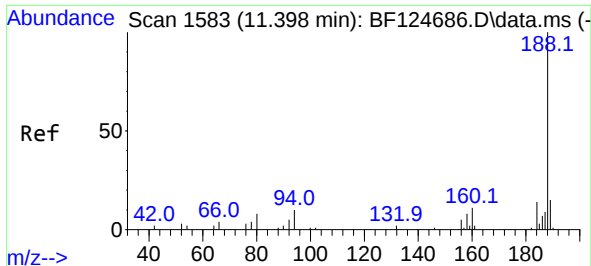
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#45
2-Fluorobiphenyl
Concen: 58.954 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

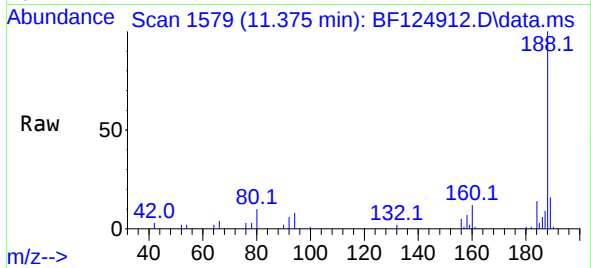
Tgt Ion:172 Resp: 53979
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 21.9 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

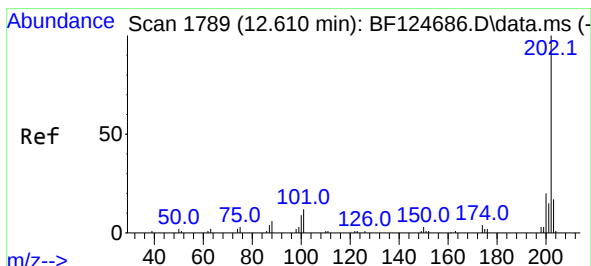
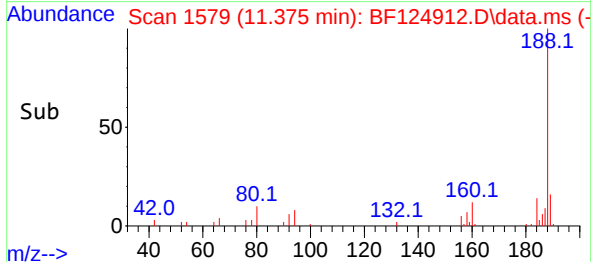
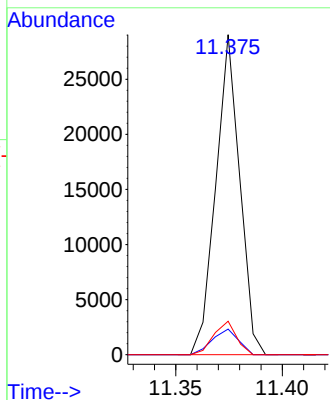
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ClientSampleId :
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Tgt Ion:188 Resp: 22648
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 10.4 7.5 11.3

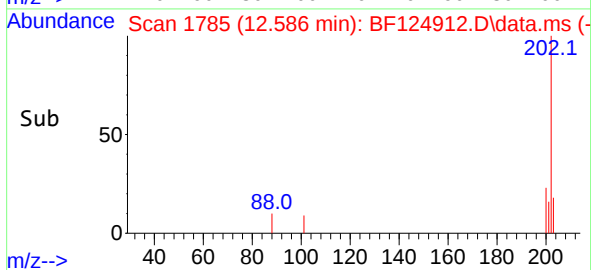
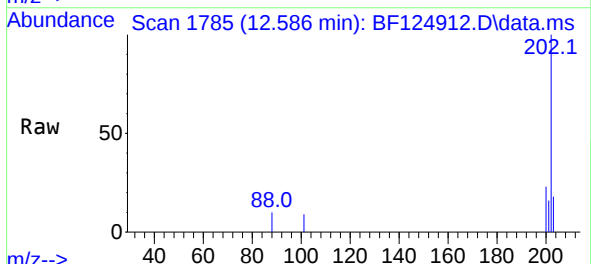
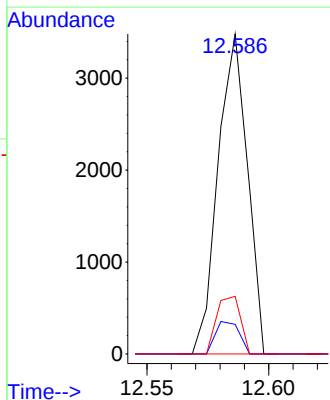
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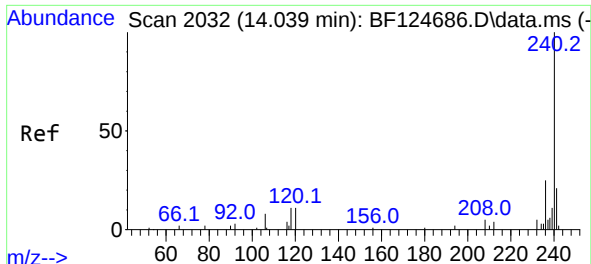
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#75
Fluoranthene
Concen: 2.349 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

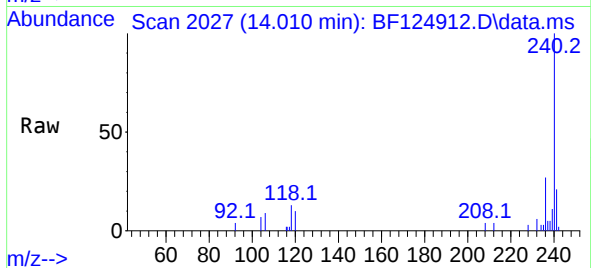
Tgt Ion:202 Resp: 2920
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.7
203 18.0 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

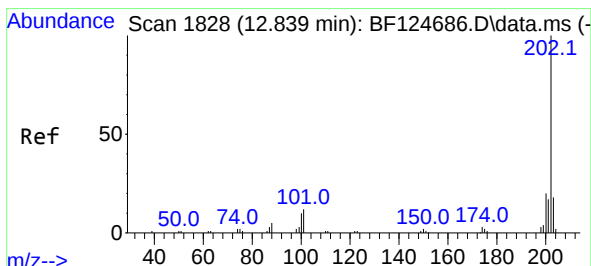
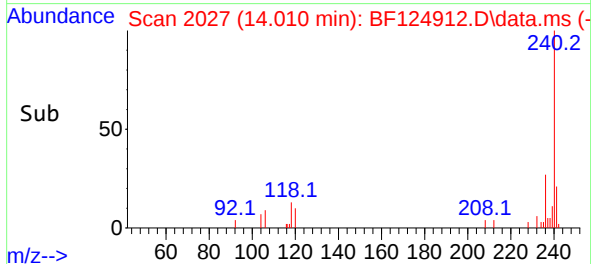
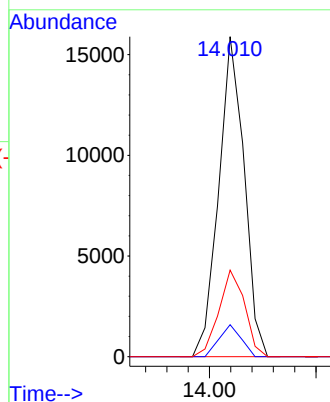
Instrument :
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ClientSampleId :
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Tgt Ion:240 Resp: 13174
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 27.0 21.6 32.4

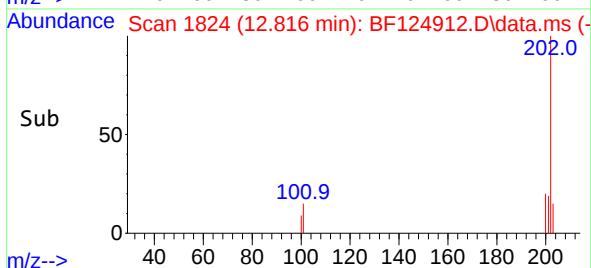
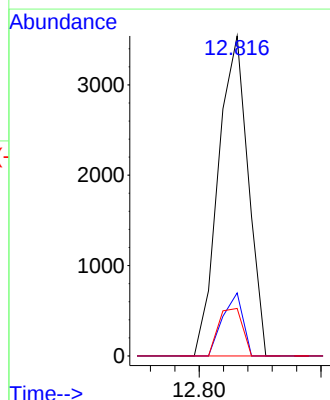
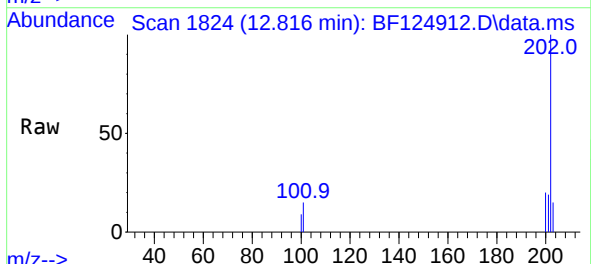
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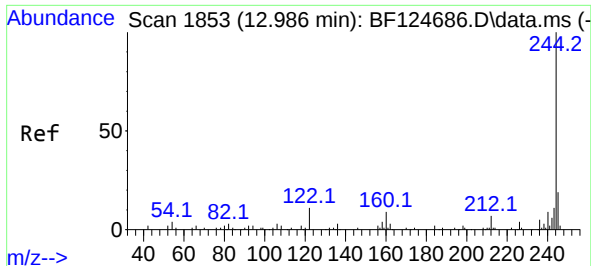
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#78
Pyrene
Concen: 2.889 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

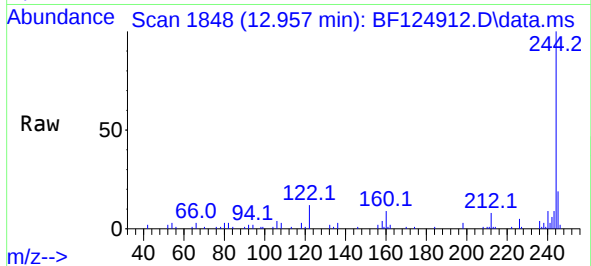
Tgt Ion:202 Resp: 3013
Ion Ratio Lower Upper
202 100
200 19.7 15.3 22.9
203 14.9 13.4 20.0





#79
Terphenyl-d14
Concen: 60.212 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30

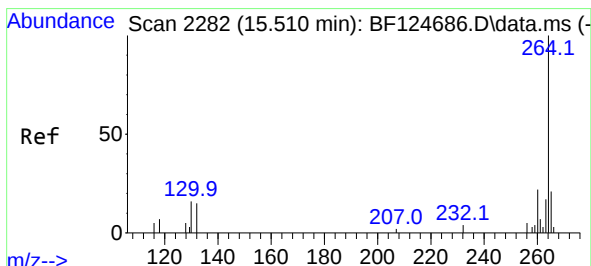
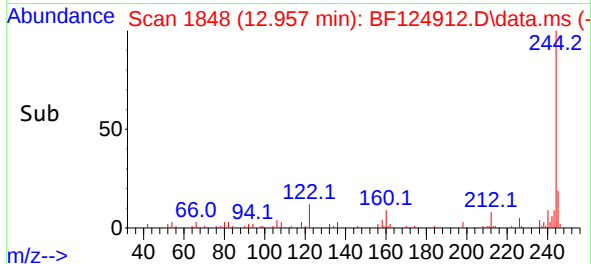
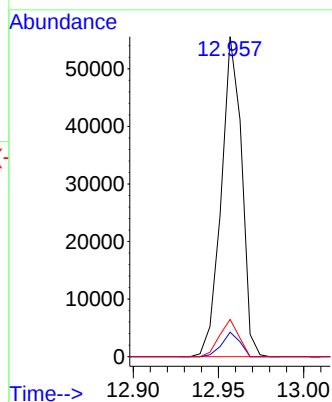
Instrument :
BNA_F
ClientSampleId :
MH-457-COMP



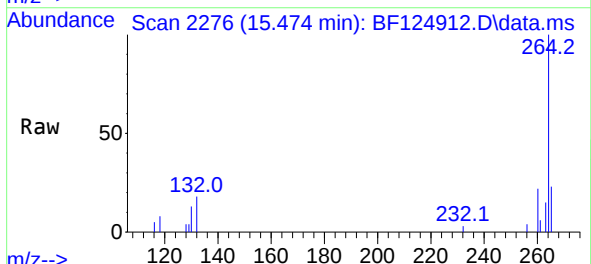
Tgt Ion:244 Resp: 46276
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 11.7 9.0 13.4

Manual Integrations
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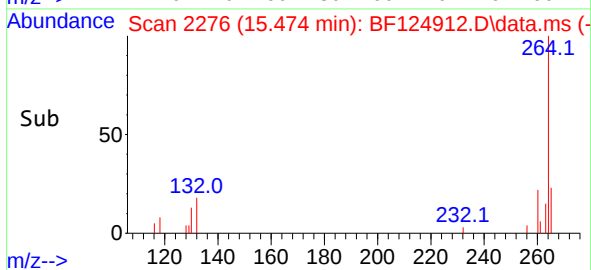
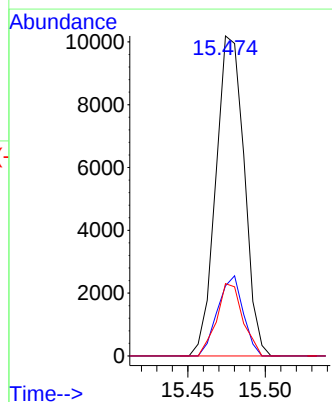
mohammad
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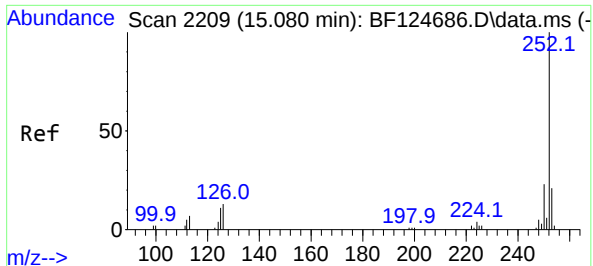


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF124912.D
Acq: 2 Aug 2021 17:30



Tgt Ion:264 Resp: 12945
Ion Ratio Lower Upper
264 100
260 21.9 19.6 29.4
265 22.6 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.480 ng m

RT: 15.051 min Scan# 2204

Delta R.T. -0.006 min

Lab File: BF124912.D

Acq: 2 Aug 2021 17:30

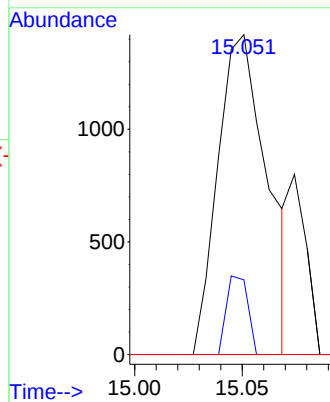
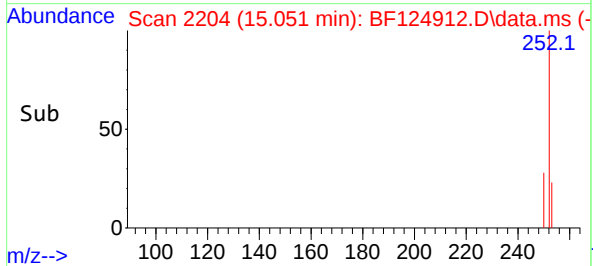
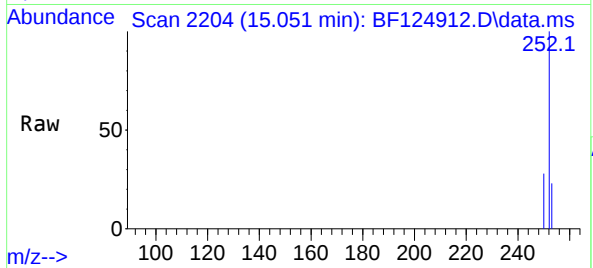
Tgt Ion:252 Resp: 2260

Ion Ratio Lower Upper

252 100

253 23.4 16.8 25.2

125 0.0 9.8 14.8#



Instrument :

BNA_F

ClientSampleId :

MH-457-COMP

Manual Integrations

APPROVED

mohammad
8/3/2021 11:48:36 AM