

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124981.D
 Acq On : 7 Aug 2021 18:58
 Operator : JU/CG
 Sample : M3289-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26498

Manual Integrations
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Quant Time: Aug 08 09:10:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 11:27:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	5949	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	22657	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	13592	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	23582	20.000	ng	0.00
76) Chrysene-d12	13.992	240	13290	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	13811	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	35463	97.651	ng	0.00
7) Phenol-d6	6.463	99	43858	95.776	ng	0.00
23) Nitrobenzene-d5	7.392	82	26637	61.502	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	10695	88.075	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	48154	51.840	ng	0.00
79) Terphenyl-d14	12.933	244	38236	48.531	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.374	178	16651	13.016	ng	97
72) Anthracene	11.427	178	3242m	2.526	ng	
75) Fluoranthene	12.563	202	34396	25.991	ng	98
78) Pyrene	12.792	202	27046	25.837	ng	95
81) Benzo(a)anthracene	13.980	228	12570	14.514	ng	97
83) Chrysene	14.015	228	11217	13.398	ng	97
87) Indeno(1,2,3-cd)pyrene	16.898	276	5817	7.073	ng	# 87
88) Benzo(b)fluoranthene	15.021	252	15307m	15.784	ng	
89) Benzo(k)fluoranthene	15.045	252	5230m	5.929	ng	
90) Benzo(a)pyrene	15.386	252	10084	12.211	ng	# 97
92) Benzo(g,h,i)perylene	17.339	276	4990	7.194	ng	# 81

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

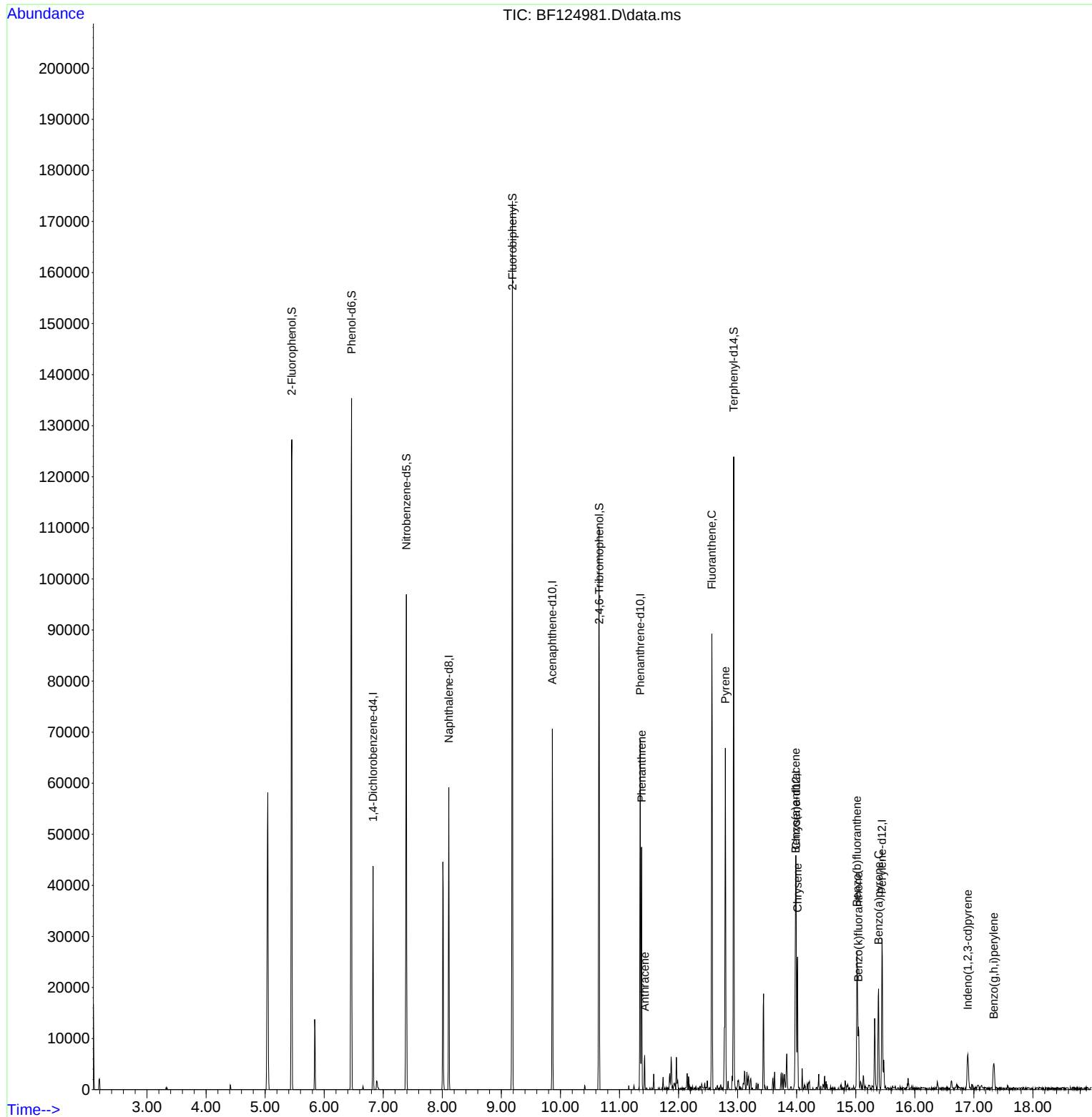
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Data File : BF124981.D
Acq On : 7 Aug 2021 18:58
Operator : JU/CG
Sample : M3289-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

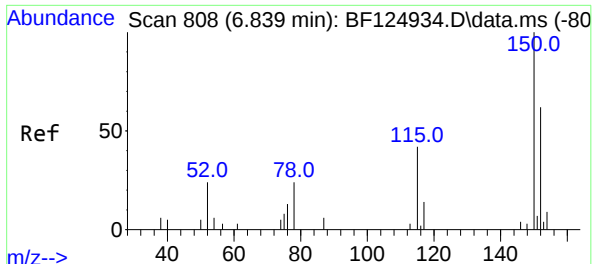
Instrument :
BNA_F
ClientSampleId :
26498

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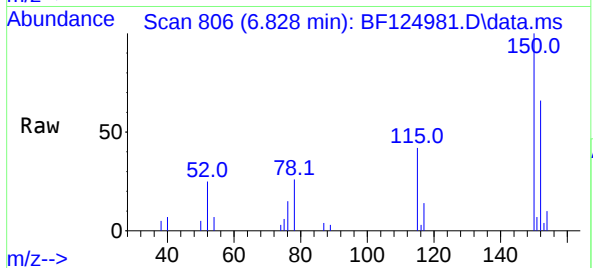
Quant Time: Aug 08 09:10:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 11:27:24 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

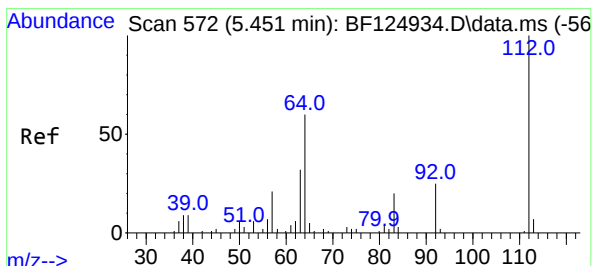
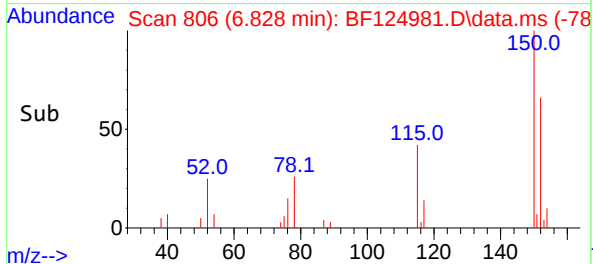
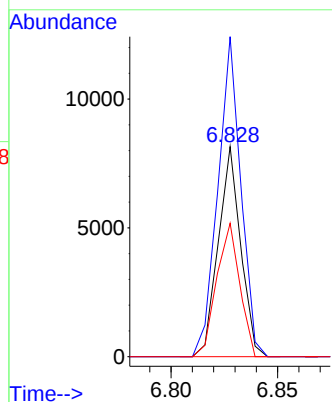
Instrument :
BNA_F
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26498



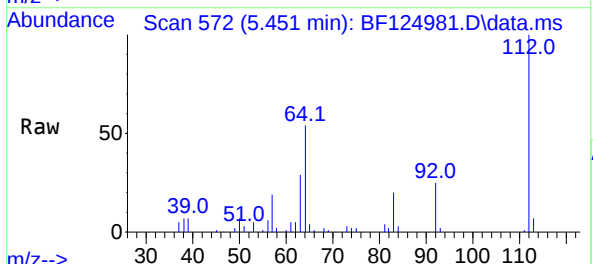
Tgt Ion:152 Resp: 5949
Ion Ratio Lower Upper
152 100
150 152.3 117.6 176.4
115 63.5 47.1 70.7

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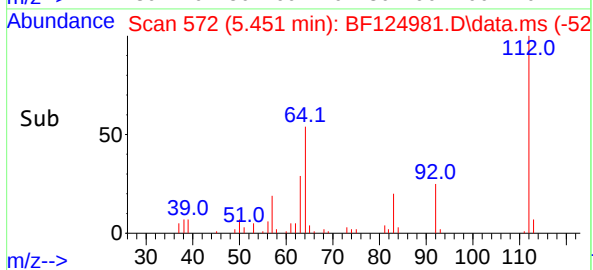
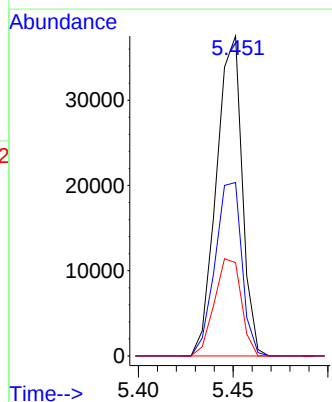
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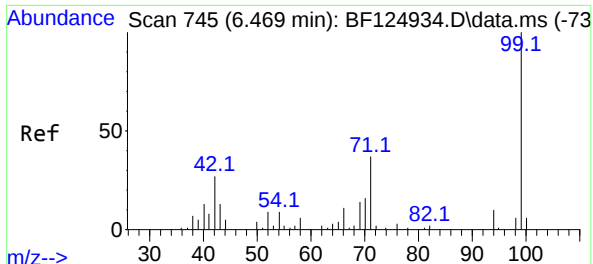


#5
2-Fluorophenol
Concen: 97.651 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.006 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58



Tgt Ion:112 Resp: 35463
Ion Ratio Lower Upper
112 100
64 54.2 44.2 66.2
63 29.1 26.2 39.2





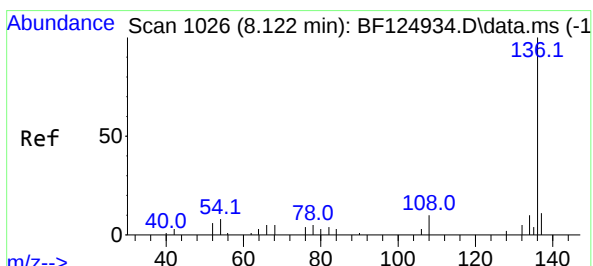
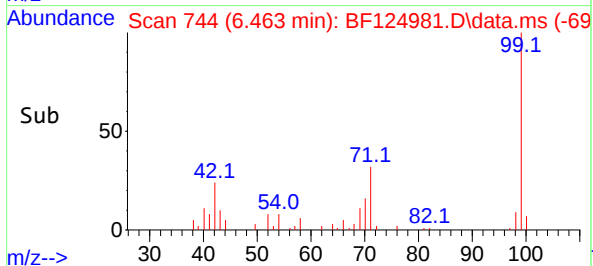
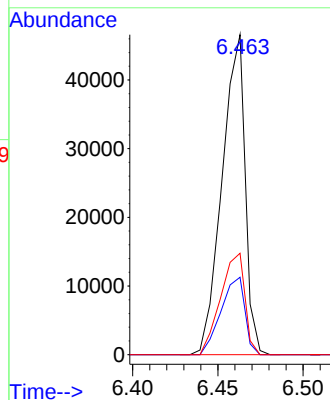
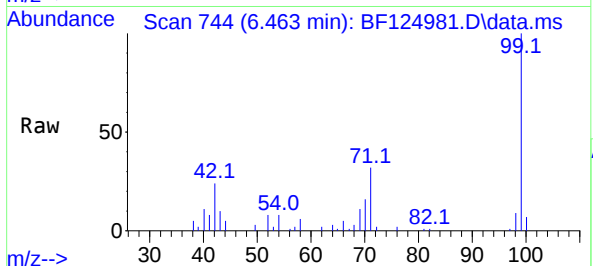
#7
Phenol-d6
Concen: 95.776 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

Tgt Ion:	99	Resp:	43858
Ion	Ratio	Lower	Upper
99	100		
42	24.2	23.5	35.3
71	31.7	25.6	38.4

Instrument :
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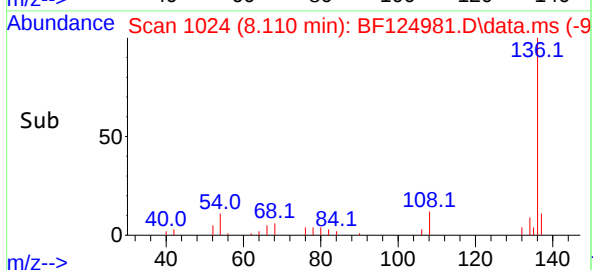
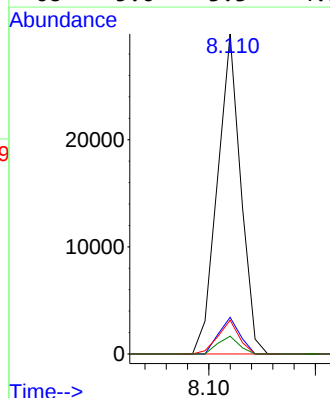
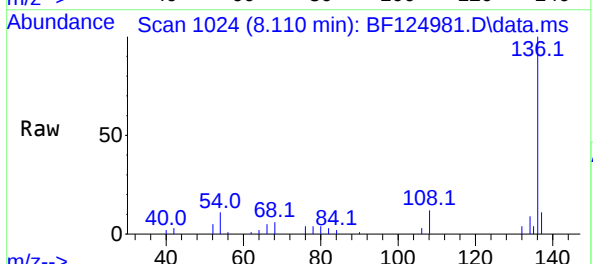
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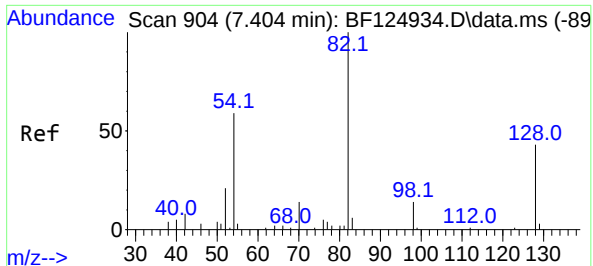
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

Tgt Ion:	136	Resp:	22657
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.6
54	10.5	6.4	9.6#
68	5.6	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 61.502 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF124981.D

Acq: 7 Aug 2021 18:58

Tgt Ion:	82	Resp:	26637
Ion	Ratio	Lower	Upper
82	100		
128	45.0	40.6	60.8
54	57.8	49.6	74.4

Instrument :

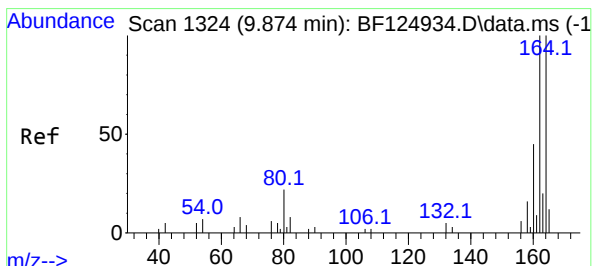
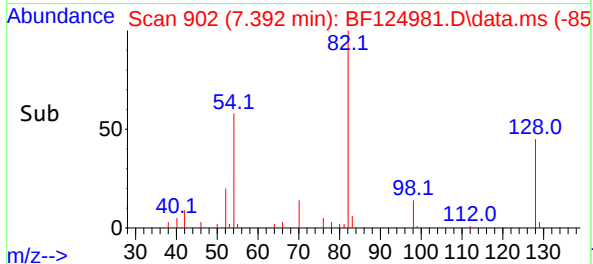
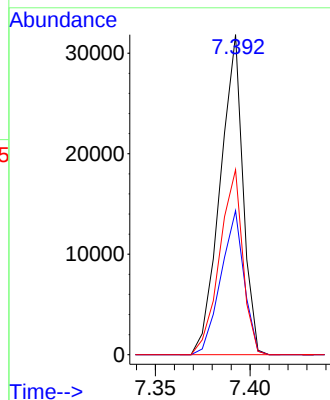
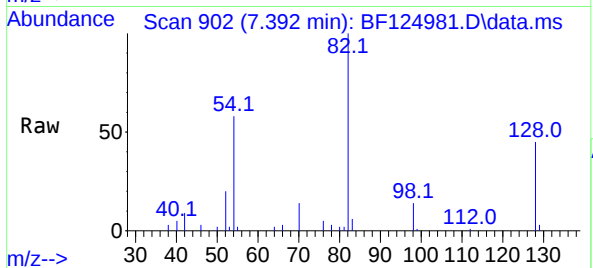
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#39

Acenaphthene-d10

Concen: 20.000 ng

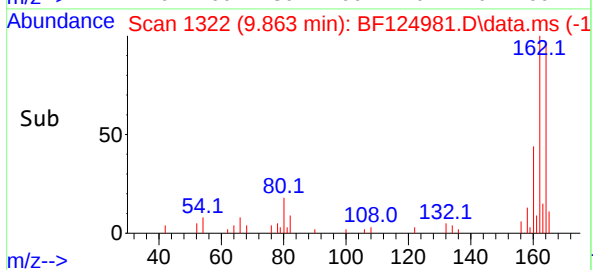
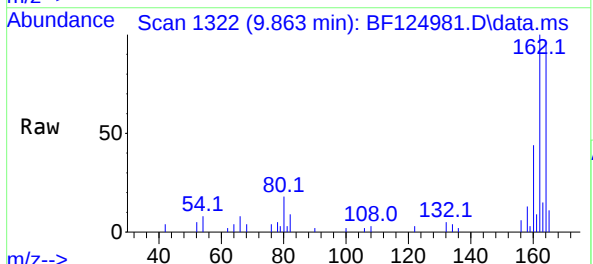
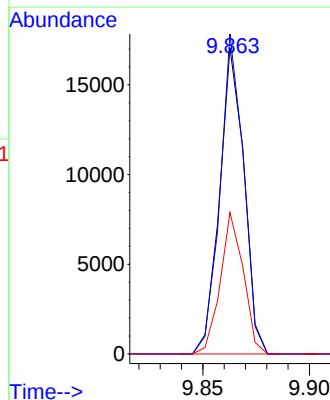
RT: 9.863 min Scan# 1322

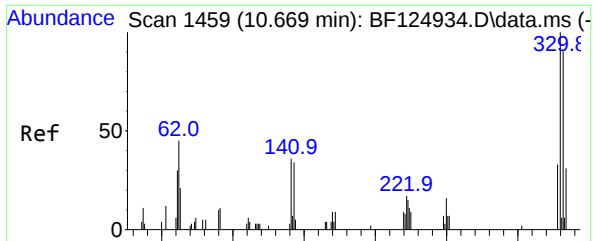
Delta R.T. -0.006 min

Lab File: BF124981.D

Acq: 7 Aug 2021 18:58

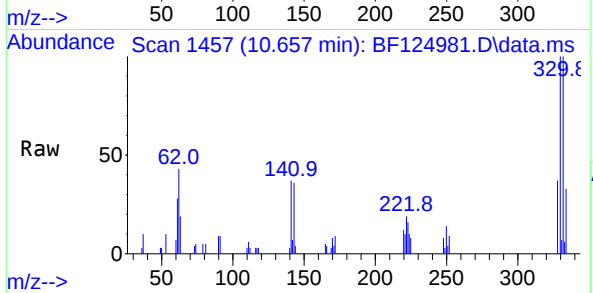
Tgt Ion:	164	Resp:	13592
Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.3	121.9
160	46.2	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 88.075 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

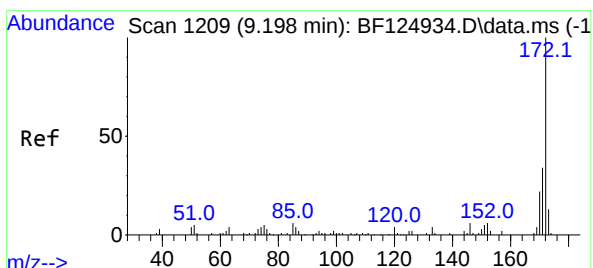
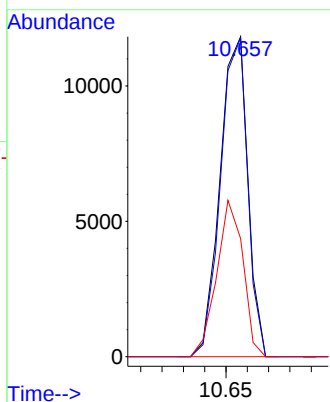
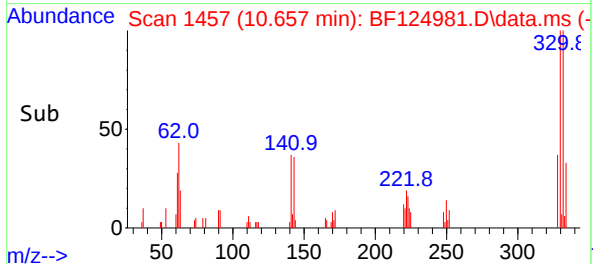
Instrument :
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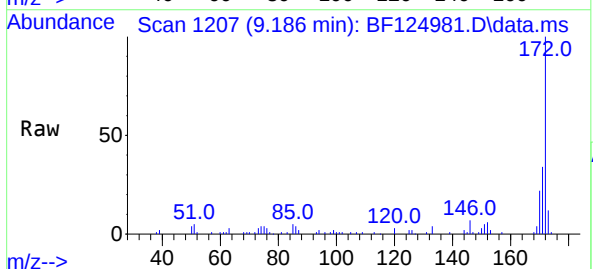
Tgt Ion:330 Resp: 10695
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 46.3 44.6 66.8

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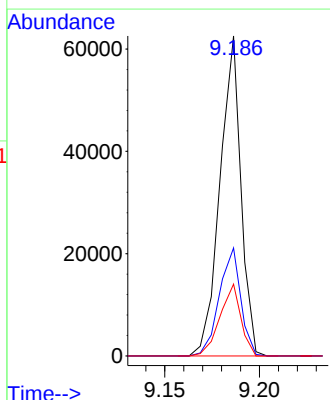
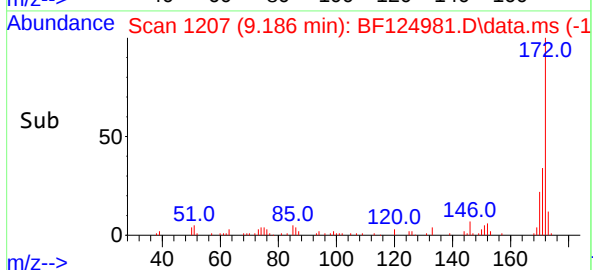
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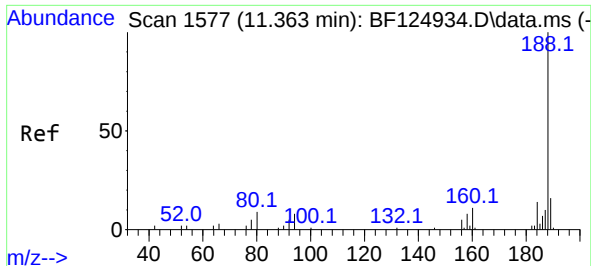


#45
2-Fluorobiphenyl
Concen: 51.840 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58



Tgt Ion:172 Resp: 48154
Ion Ratio Lower Upper
172 100
171 33.8 26.5 39.7
170 22.4 18.8 28.2





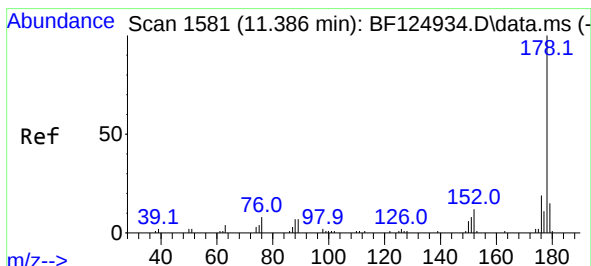
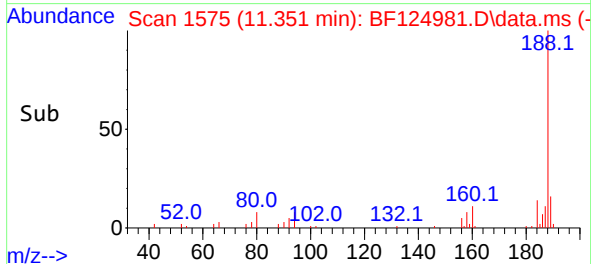
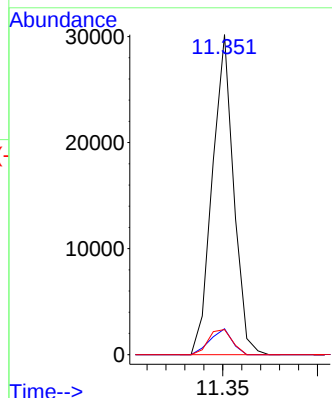
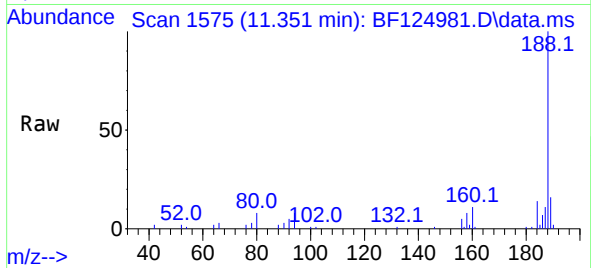
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

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Tgt Ion:188 Resp: 23582
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 7.9 7.5 11.3

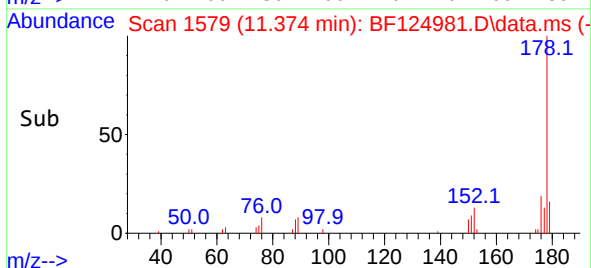
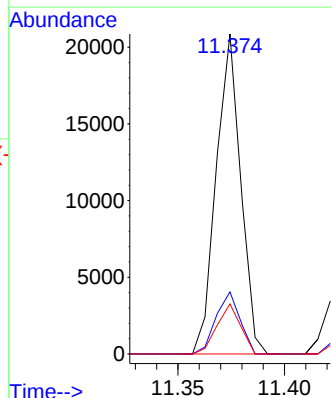
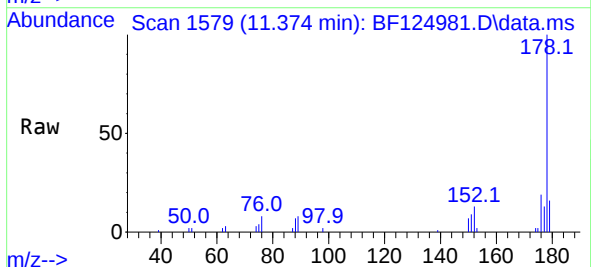
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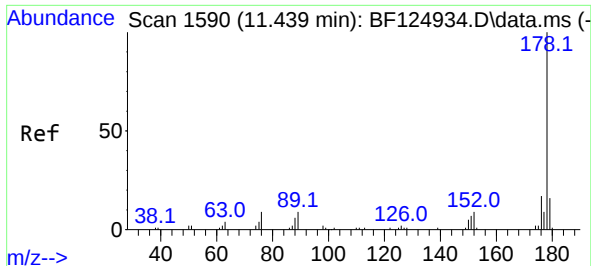
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#71
Phenanthrene
Concen: 13.016 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

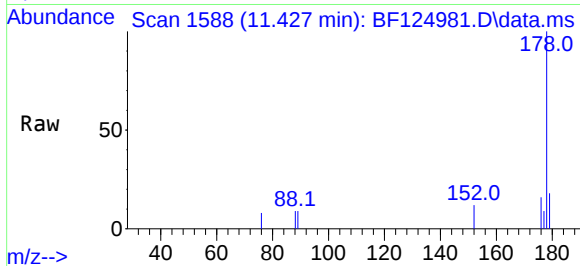
Tgt Ion:178 Resp: 16651
Ion Ratio Lower Upper
178 100
176 19.4 14.7 22.1
179 15.6 11.5 17.3





#72
 Anthracene
 Concen: 2.526 ng m
 RT: 11.427 min Scan# 1588
 Delta R.T. -0.006 min
 Lab File: BF124981.D
 Acq: 7 Aug 2021 18:58

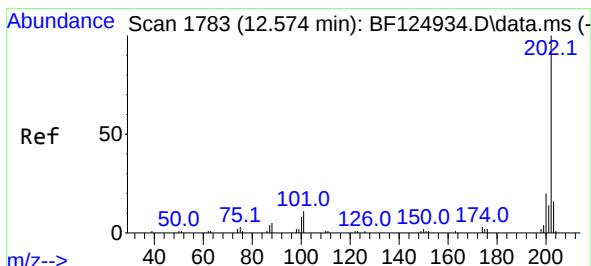
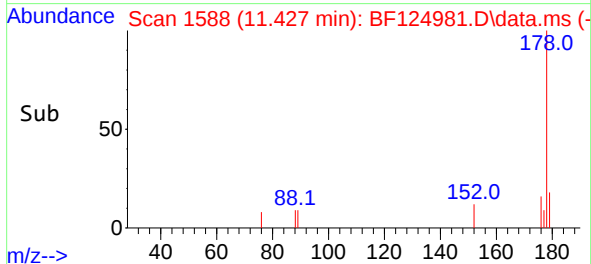
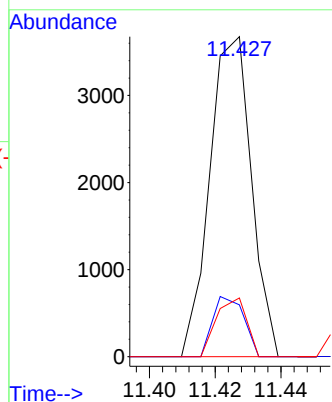
Instrument :
 BNA_F
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 26498



Tgt Ion:178 Resp: 3242
 Ion Ratio Lower Upper
 178 100
 176 16.2 14.3 21.5
 179 18.4 12.2 18.4#

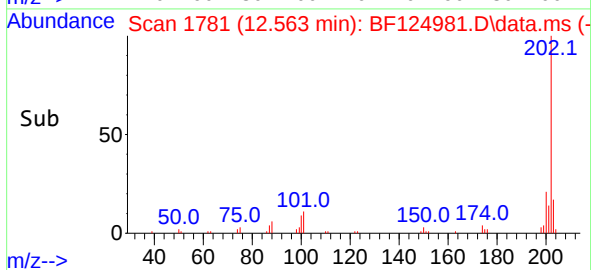
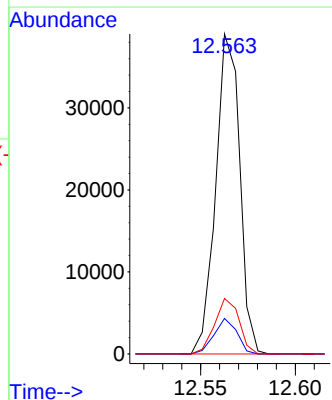
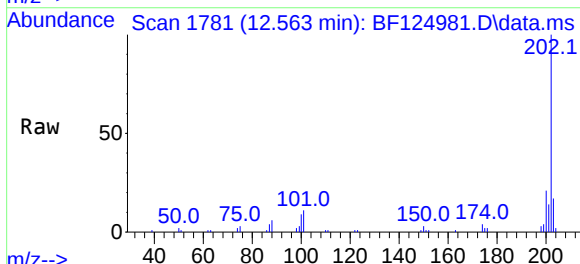
Manual Integrations
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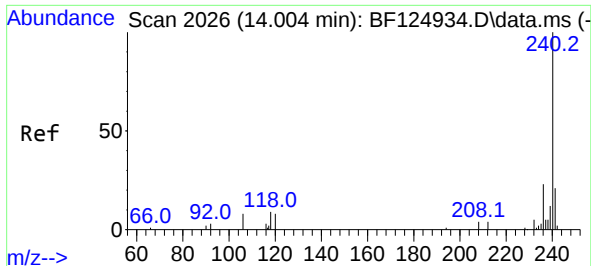
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#75
 Fluoranthene
 Concen: 25.991 ng
 RT: 12.563 min Scan# 1781
 Delta R.T. 0.000 min
 Lab File: BF124981.D
 Acq: 7 Aug 2021 18:58

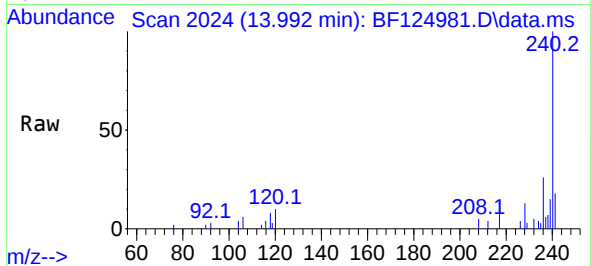
Tgt Ion:202 Resp: 34396
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 30.7
 203 17.4 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

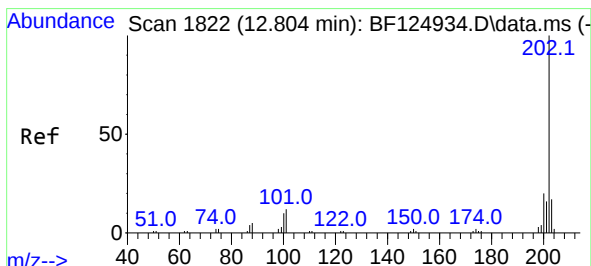
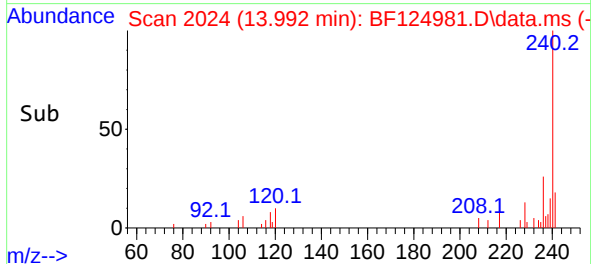
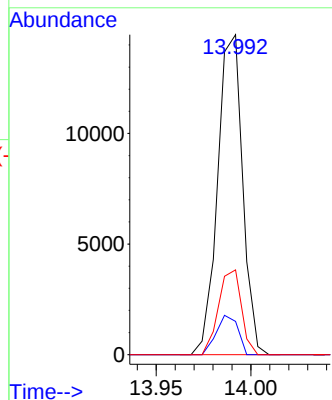
Instrument :
BNA_F
ClientSampled :
26498



Tgt Ion:240 Resp: 13290
Ion Ratio Lower Upper
240 100
120 10.4 10.8 16.2#
236 26.5 21.6 32.4

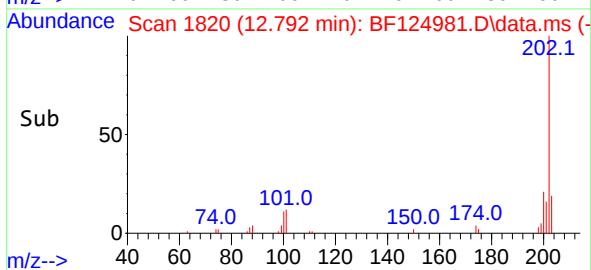
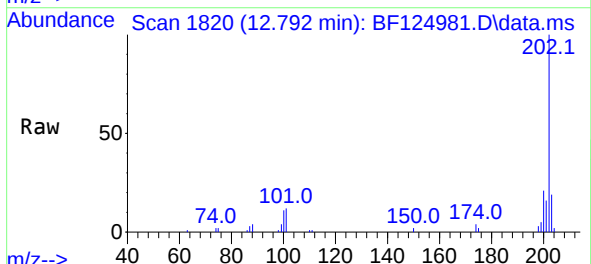
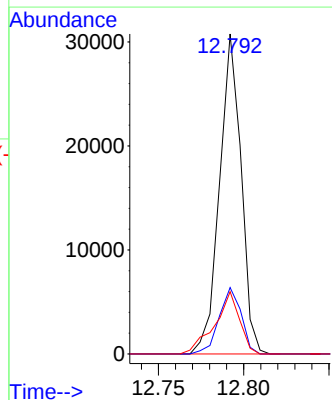
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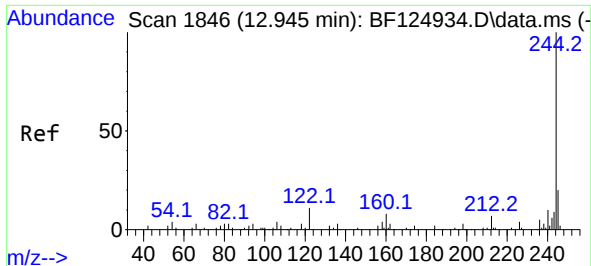
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#78
Pyrene
Concen: 25.837 ng
RT: 12.792 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

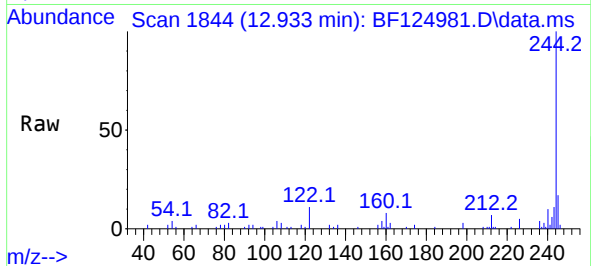
Tgt Ion:202 Resp: 27046
Ion Ratio Lower Upper
202 100
200 20.8 15.3 22.9
203 19.5 13.4 20.0





#79
Terphenyl-d14
Concen: 48.531 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

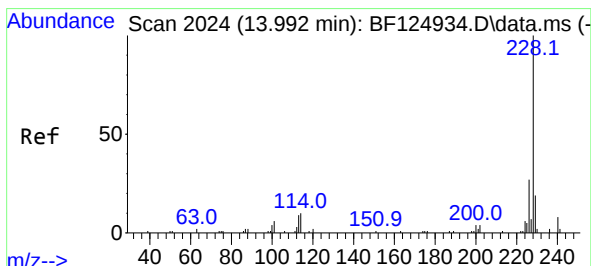
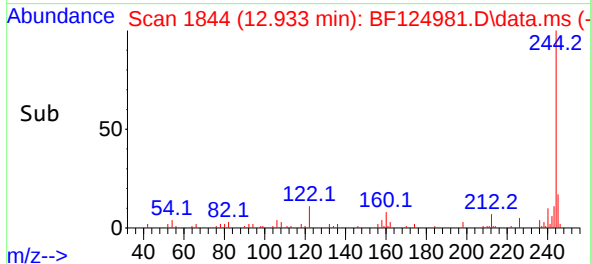
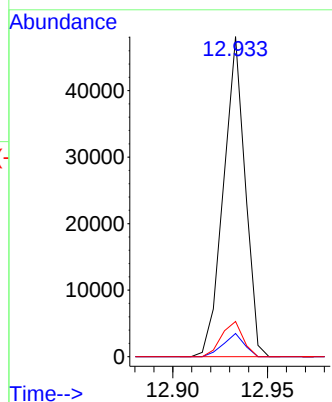
Instrument :
BNA_F
ClientSampled :
26498



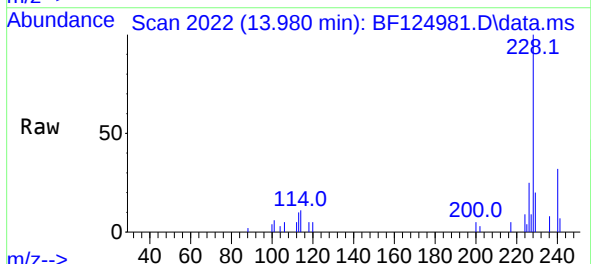
Tgt Ion:244 Resp: 38236
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.0 9.0 13.4

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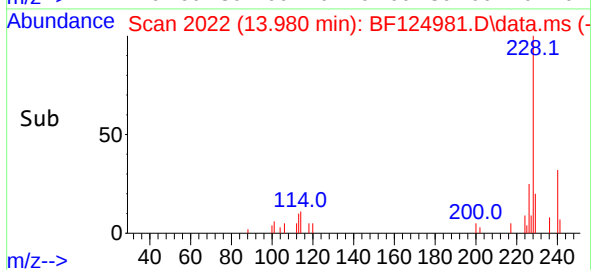
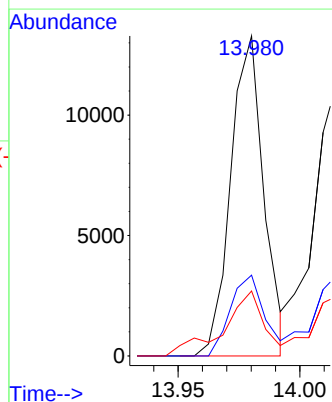
mohammad
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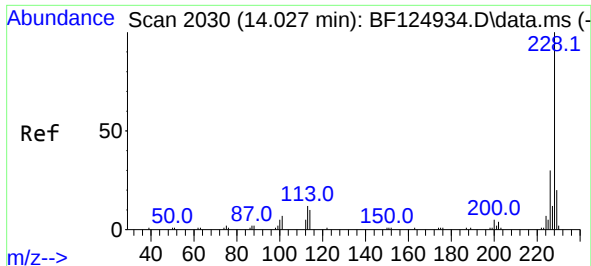


#81
Benzo(a)anthracene
Concen: 14.514 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58



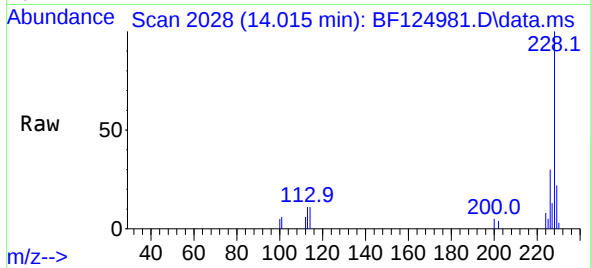
Tgt Ion:228 Resp: 12570
Ion Ratio Lower Upper
228 100
226 25.2 21.6 32.4
229 20.3 15.6 23.4





#83
Chrysene
Concen: 13.398 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

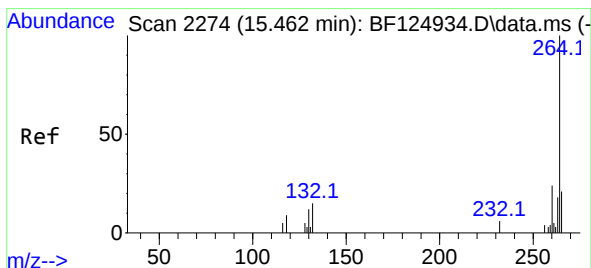
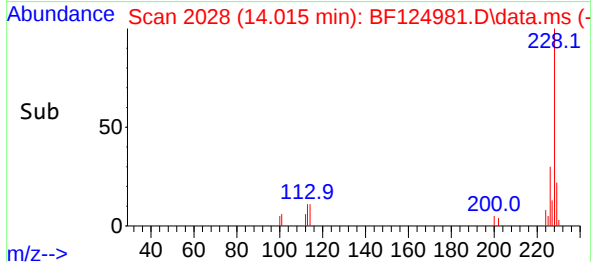
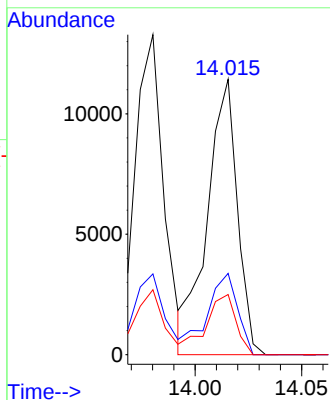
Instrument :
BNA_F
ClientSampled :
26498



Tgt Ion:228 Resp: 11217
Ion Ratio Lower Upper
228 100
226 29.5 22.6 34.0
229 21.8 15.9 23.9

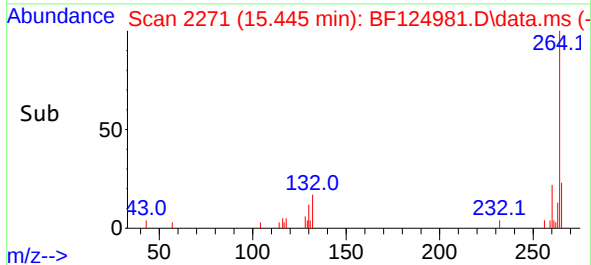
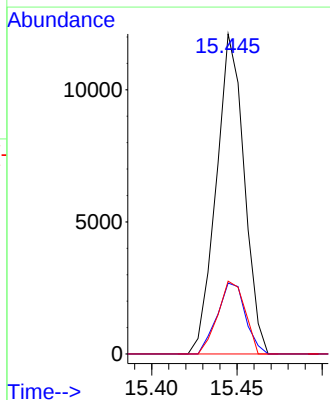
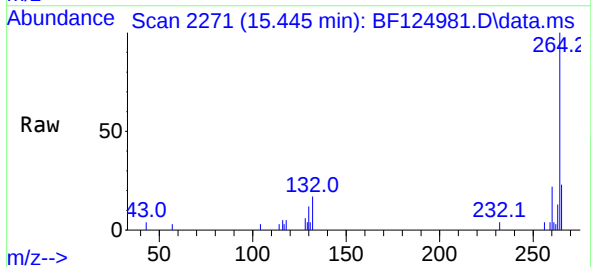
Manual Integrations
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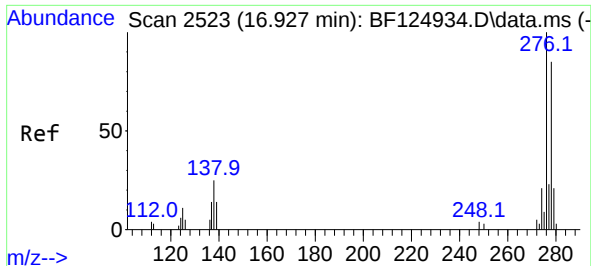
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

Tgt Ion:264 Resp: 13811
Ion Ratio Lower Upper
264 100
260 22.2 19.6 29.4
265 22.8 17.2 25.8





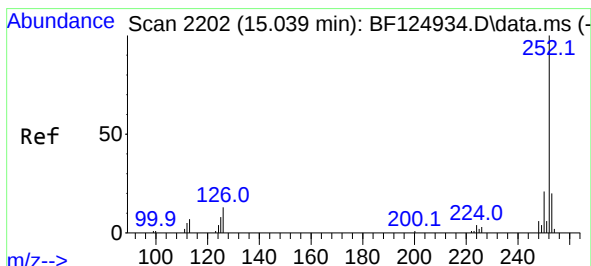
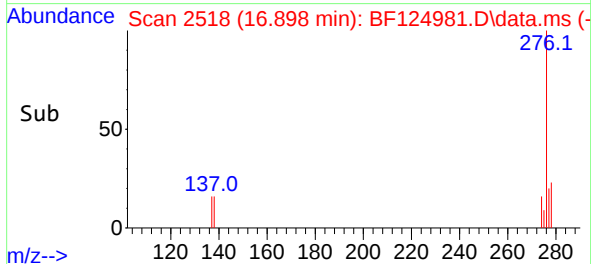
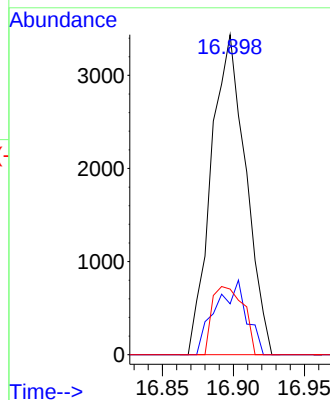
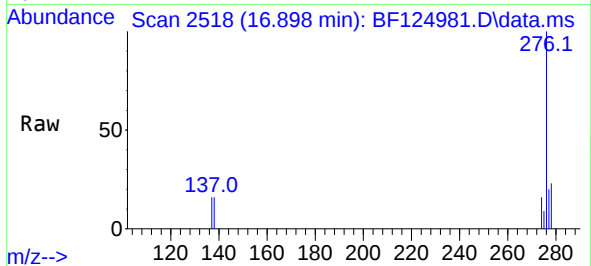
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.073 ng
RT: 16.898 min Scan# 2518
Delta R.T. -0.006 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

Tgt Ion:276 Resp: 5817
Ion Ratio Lower Upper
276 100
138 20.9 24.1 36.1#
277 19.2 18.8 28.2

Instrument :
BNA_F
ClientSampleId :
26498

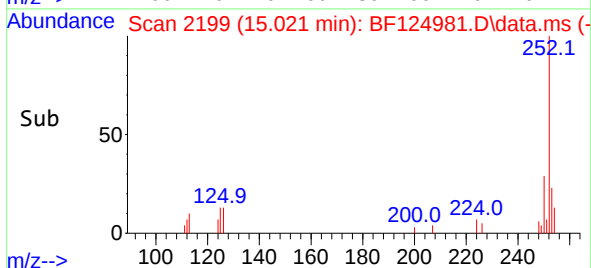
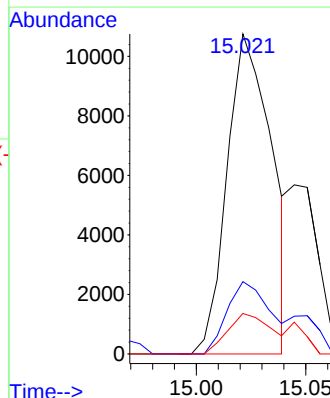
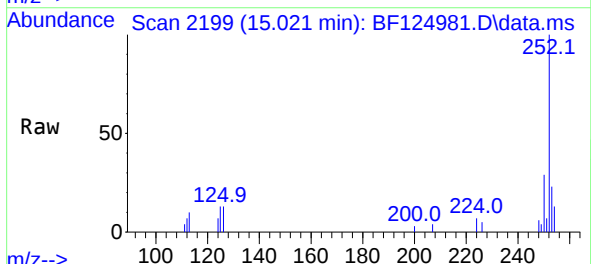
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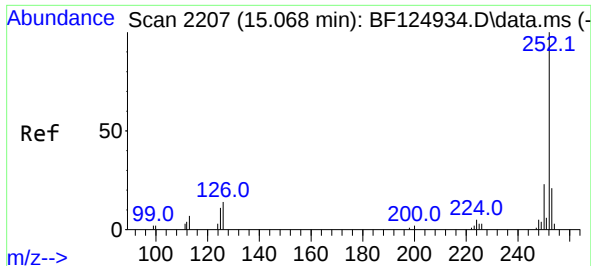
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#88
Benzo(b)fluoranthene
Concen: 15.784 ng m
RT: 15.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

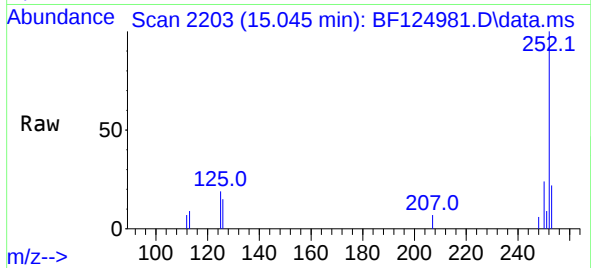
Tgt Ion:252 Resp: 15307
Ion Ratio Lower Upper
252 100
253 22.6 16.8 25.2
125 12.6 9.8 14.8





#89
Benzo(k)fluoranthene
Concen: 5.929 ng m
RT: 15.045 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58

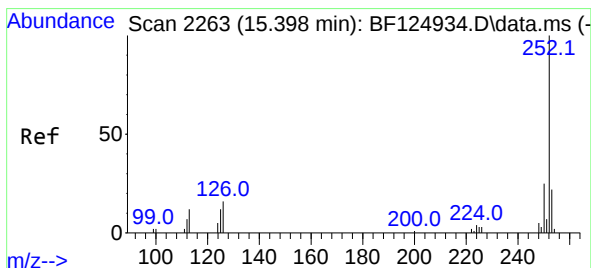
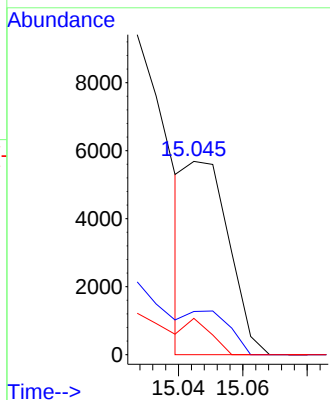
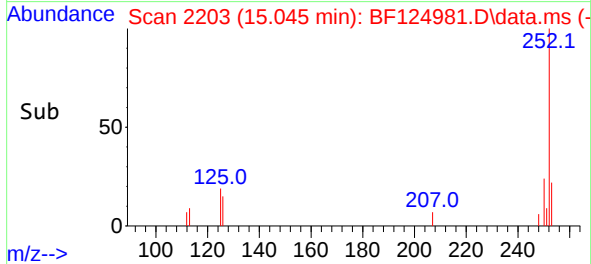
Instrument :
BNA_F
ClientSampled :
26498



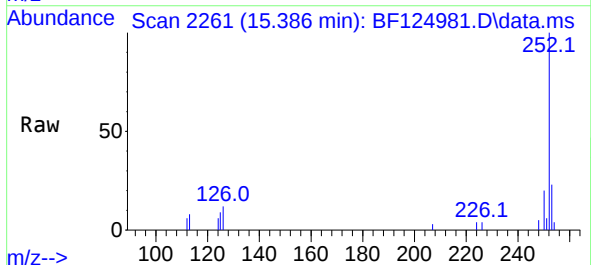
Tgt Ion:252 Resp: 5230
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 18.8 7.2 10.8#

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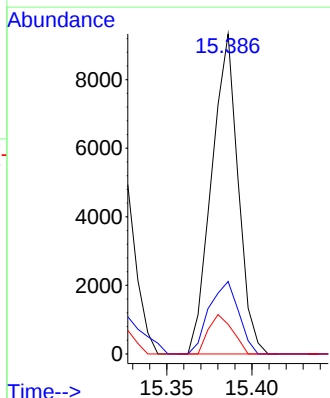
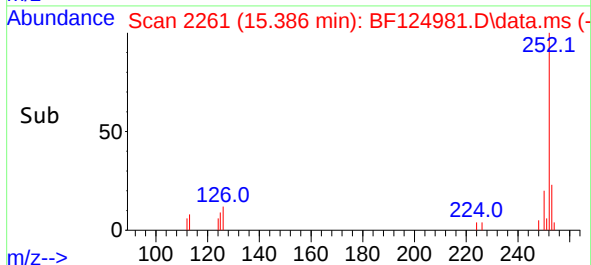
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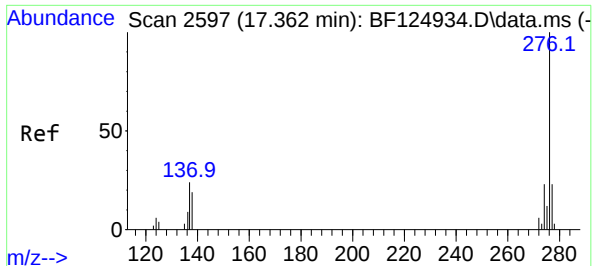


#90
Benzo(a)pyrene
Concen: 12.211 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF124981.D
Acq: 7 Aug 2021 18:58



Tgt Ion:252 Resp: 10084
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 9.3 9.9 14.9#





#92

Benzo(g,h,i)perylene

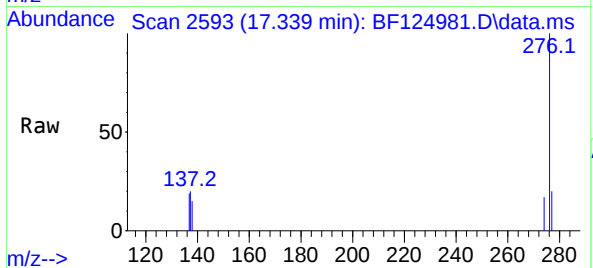
Concen: 7.194 ng

RT: 17.339 min Scan# 2593

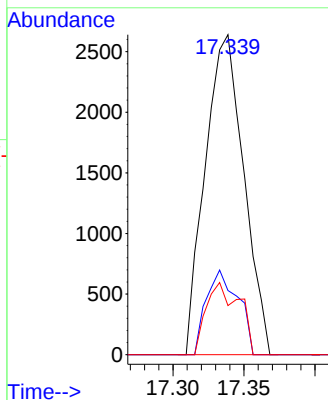
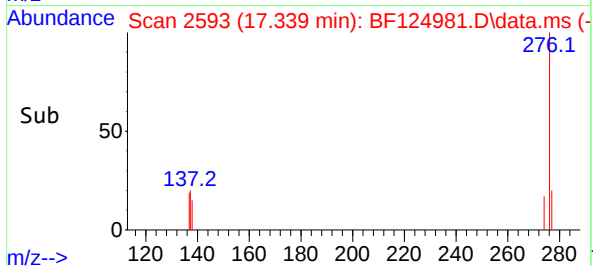
Delta R.T. 0.000 min

Lab File: BF124981.D

Acq: 7 Aug 2021 18:58



Tgt Ion:	276	Resp:	4990
Ion Ratio	Lower	Upper	
276	100		
277	20.1	22.0	33.0#
138	15.4	22.2	33.4#



Instrument :

BNA_F

ClientSampleId :

26498

Manual Integrations
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