

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
 Data File : BF124365.D
 Acq On : 17 Jun 2021 16:18
 Operator : JU/CG
 Sample : M2737-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-061621

Manual Integrations
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Quant Time: Jun 17 16:43:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	35734	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	132045	20.000	ng	# 0.00
39) Acenaphthene-d10	9.821	164	72880	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	113376	20.000	ng	0.00
76) Chrysene-d12	13.957	240	81018	20.000	ng	0.00
86) Perylene-d12	15.421	264	52062	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	92657	39.033	ng	-0.01
7) Phenol-d6	6.428	99	113687	35.630	ng	-0.02
23) Nitrobenzene-d5	7.345	82	71742	21.549	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	30157	29.207	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	167585	28.936	ng	0.00
79) Terphenyl-d14	12.898	244	146597	24.843	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.333	178	26660	3.764	ng	# 93
75) Fluoranthene	12.527	202	60971	8.201	ng	97
78) Pyrene	12.757	202	61177	7.864	ng	97
81) Benzo(a)anthracene	13.951	228	27272	4.621	ng	96
83) Chrysene	13.986	228	28173m	4.947	ng	
87) Indeno(1,2,3-cd)pyrene	16.880	276	12043	6.863	ng	# 74
88) Benzo(b)fluoranthene	14.998	252	29053m	7.184	ng	
89) Benzo(k)fluoranthene	15.015	252	13563m	3.543	ng	
90) Benzo(a)pyrene	15.356	252	22660	6.451	ng	# 95
91) Dibenzo(a,h)anthracene	16.874	278	4008	5.164	ng	# 32
92) Benzo(g,h,i)perylene	17.321	276	11973	6.828	ng	# 74

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

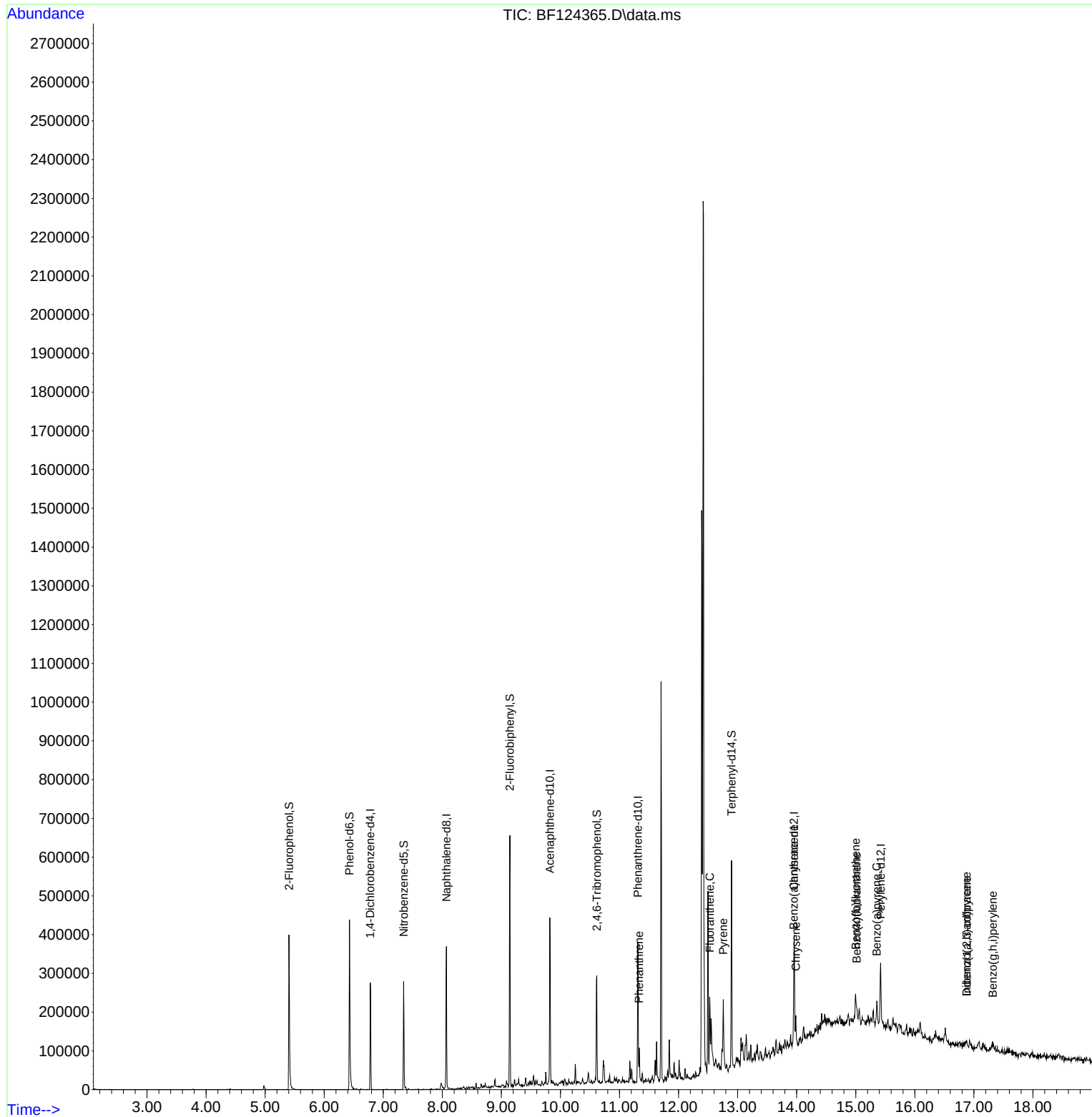
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Data File : BF124365.D
Acq On : 17 Jun 2021 16:18
Operator : JU/CG
Sample : M2737-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

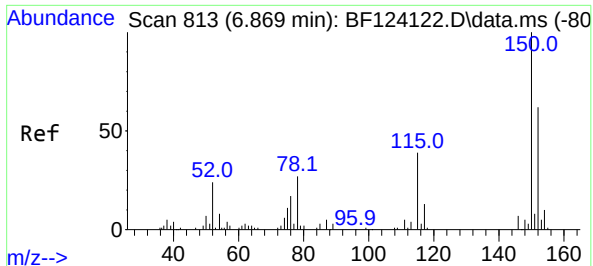
Instrument :
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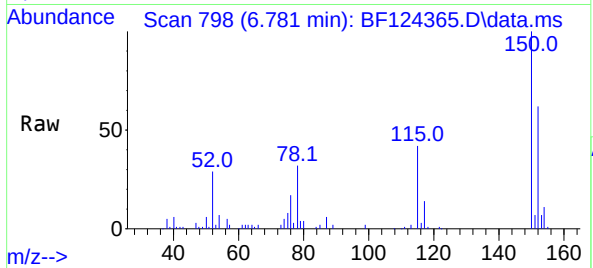
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
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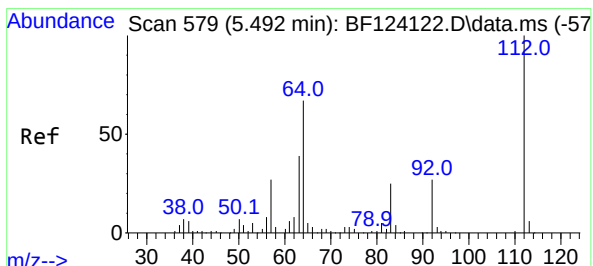
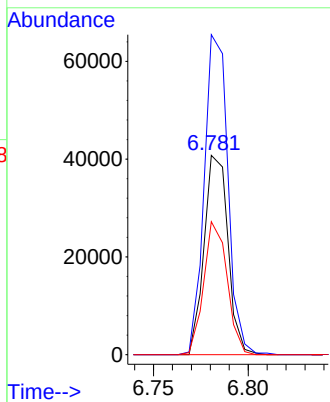
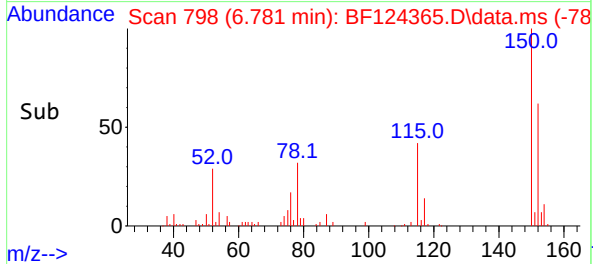




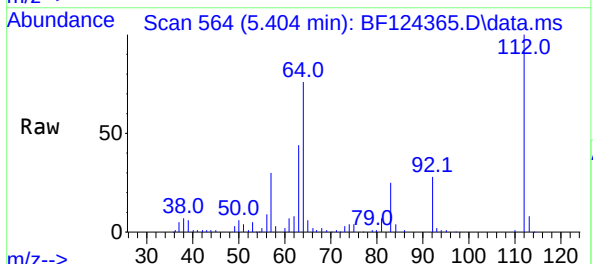
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124365.D
Acq: 17 Jun 2021 16:18



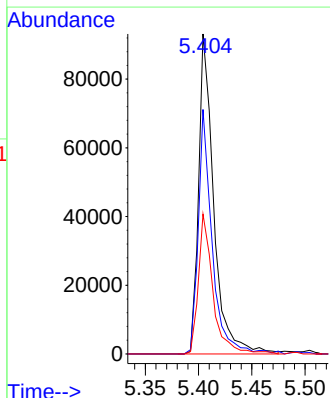
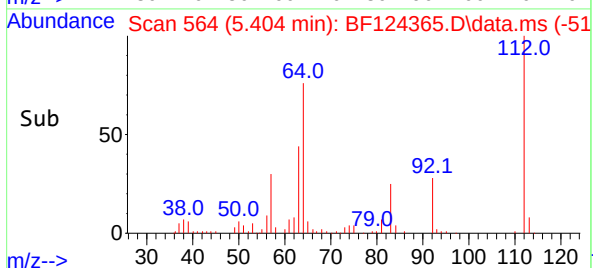
Tgt Ion:152 Resp: 35734
Ion Ratio Lower Upper
152 100
150 160.5 127.0 190.6
115 66.7 54.3 81.5



#5
2-Fluorophenol
Concen: 39.033 ng
RT: 5.404 min Scan# 564
Delta R.T. -0.012 min
Lab File: BF124365.D
Acq: 17 Jun 2021 16:18



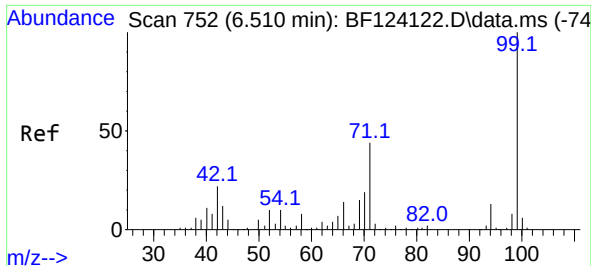
Tgt Ion:112 Resp: 92657
Ion Ratio Lower Upper
112 100
64 76.4 61.4 92.0
63 43.7 33.0 49.4



Instrument :
BNA_F
ClientSampled :
SU-03-061621

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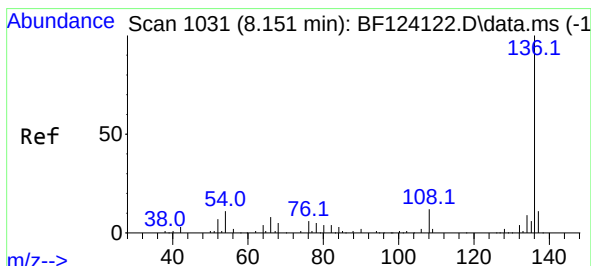
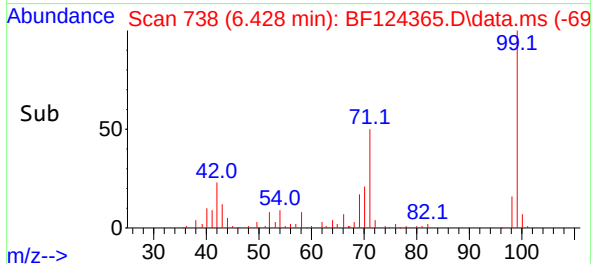
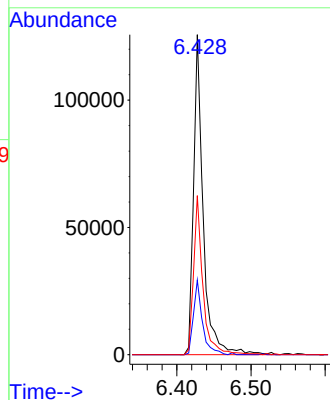
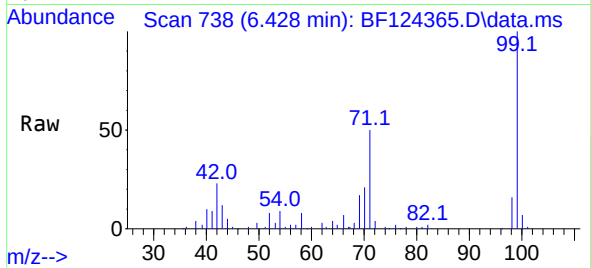
#7
Phenol-d6
Concen: 35.630 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124365.D
Acq: 17 Jun 2021 16:18

Tgt Ion: 99 Resp: 113687
Ion Ratio Lower Upper
99 100
42 23.3 19.8 29.8
71 49.7 31.1 46.7#

Instrument :
BNA_F
ClientSampleId :
SU-03-061621

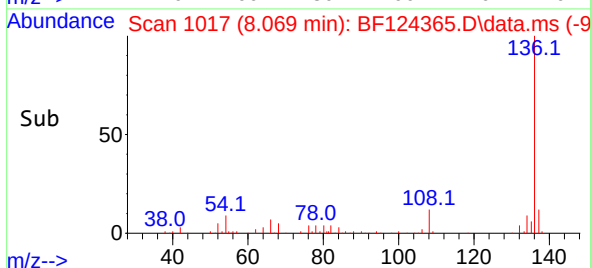
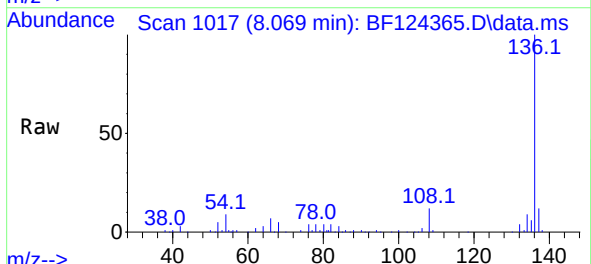
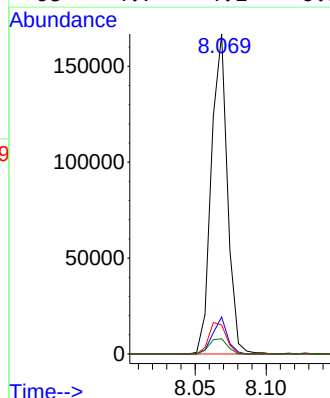
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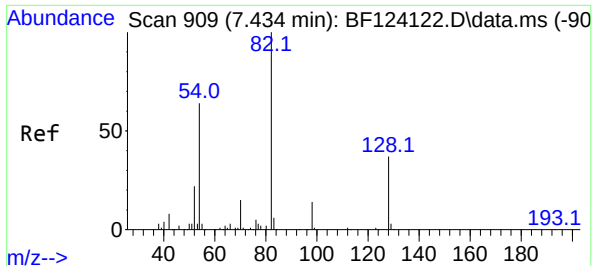
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124365.D
Acq: 17 Jun 2021 16:18

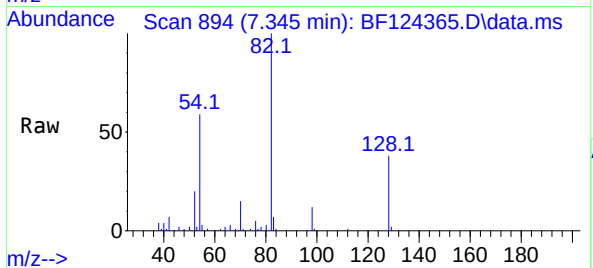
Tgt Ion: 136 Resp: 132045
Ion Ratio Lower Upper
136 100
137 11.6 8.7 13.1
54 9.1 9.8 14.6#
68 4.7 4.1 6.1





#23
Nitrobenzene-d5
Concen: 21.549 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF124365.D
Acq: 17 Jun 2021 16:18

Instrument :
BNA_F
ClientSampleId :
SU-03-061621

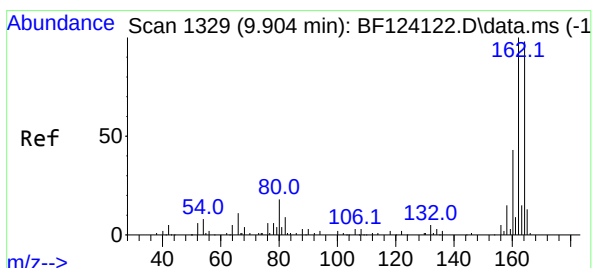
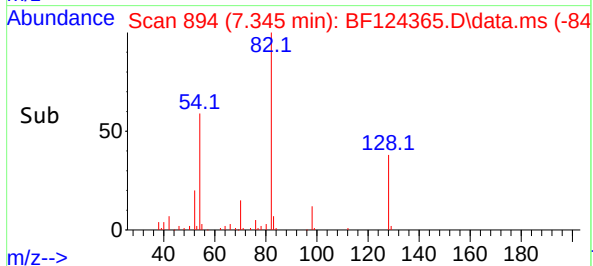
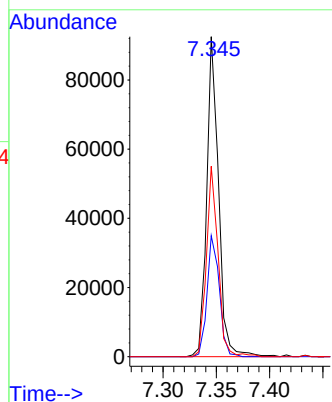


Tgt Ion: 82 Resp: 71742

Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.4	44.2
54	59.5	54.1	81.1

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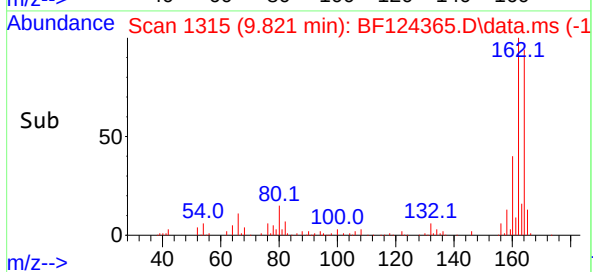
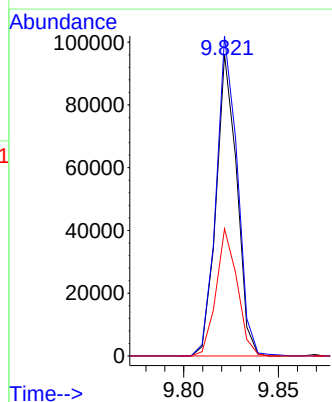
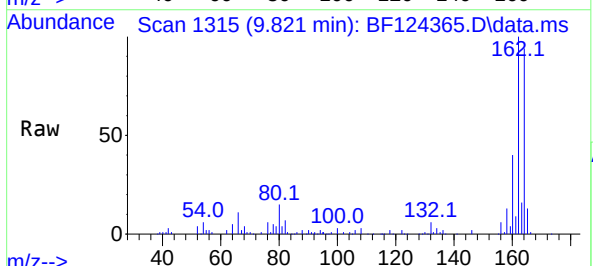
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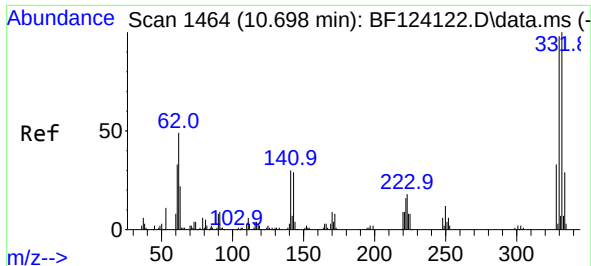


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.821 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124365.D
Acq: 17 Jun 2021 16:18

Tgt Ion: 164 Resp: 72880

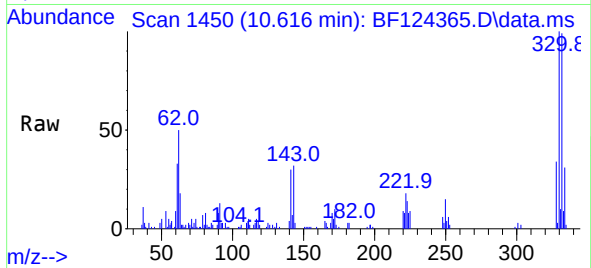
Ion	Ratio	Lower	Upper
164	100		
162	106.1	80.7	121.1
160	42.2	37.3	55.9





#42
2,4,6-Tribromophenol
Concen: 29.207 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124365.D
Acq: 17 Jun 2021 16:18

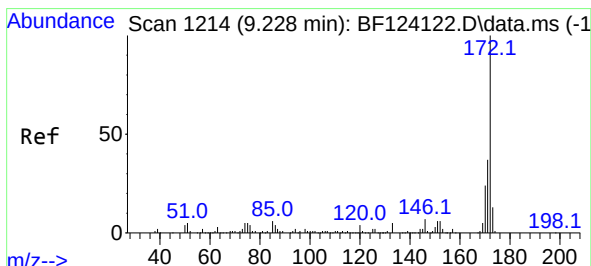
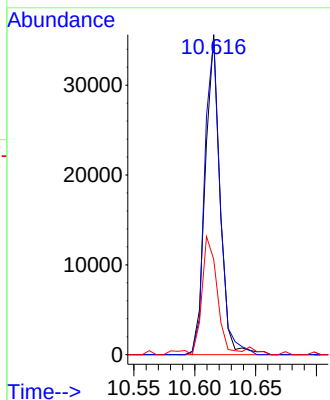
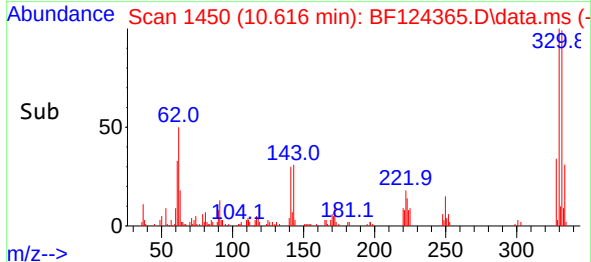
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BNA_F
ClientSampled :
SU-03-061621



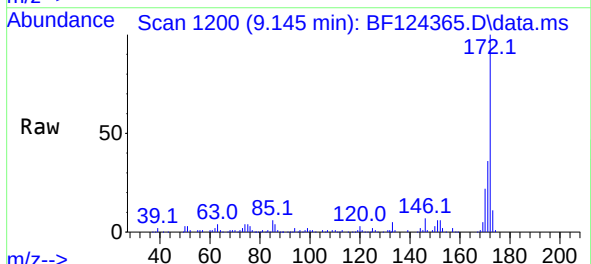
Tgt Ion:330 Resp: 30157
Ion Ratio Lower Upper
330 100
332 101.9 77.1 115.7
141 39.3 27.9 41.9

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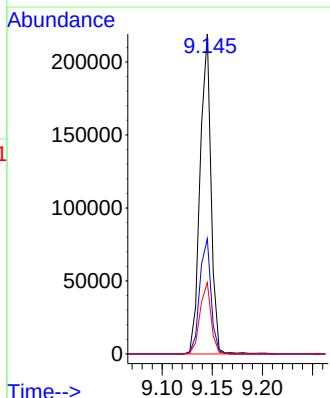
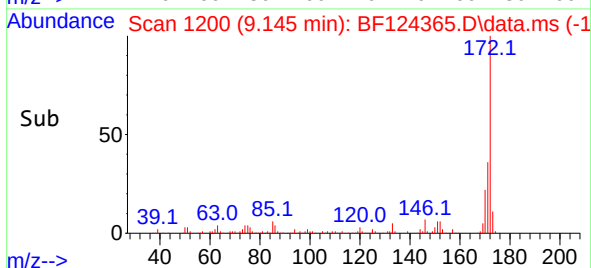
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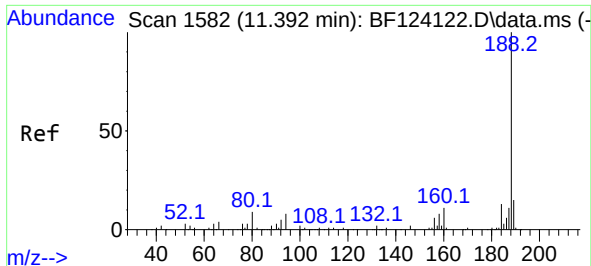


#45
2-Fluorobiphenyl
Concen: 28.936 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124365.D
Acq: 17 Jun 2021 16:18



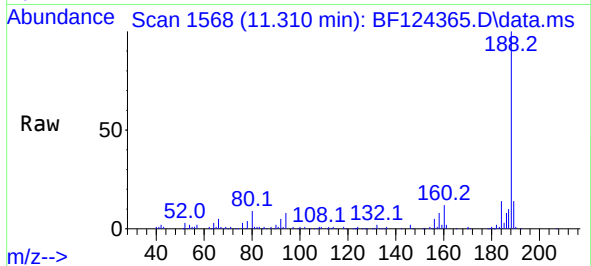
Tgt Ion:172 Resp: 167585
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 22.3 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124365.D
Acq: 17 Jun 2021 16:18

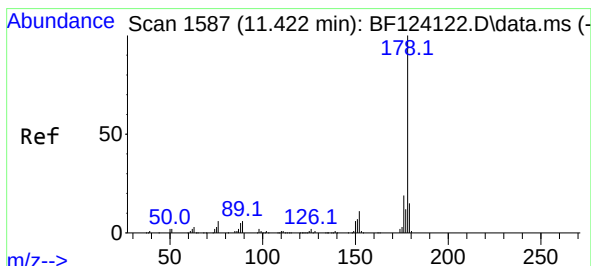
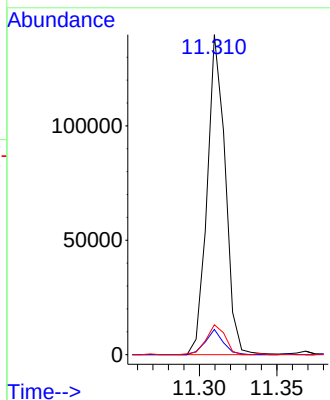
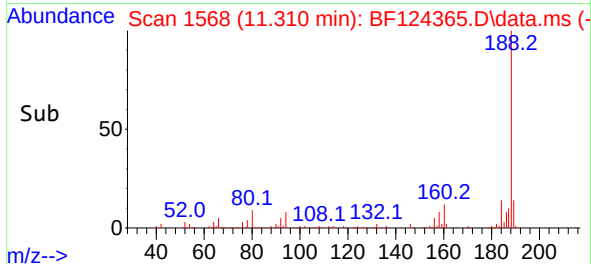
Instrument :
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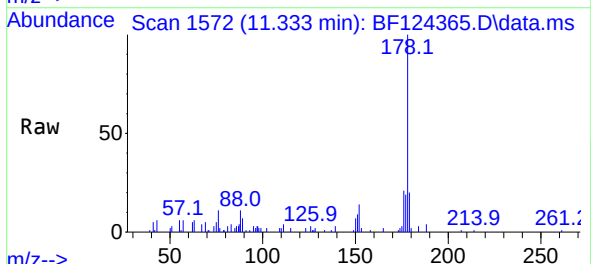
Tgt Ion:188 Resp: 113376
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 9.4 8.2 12.2

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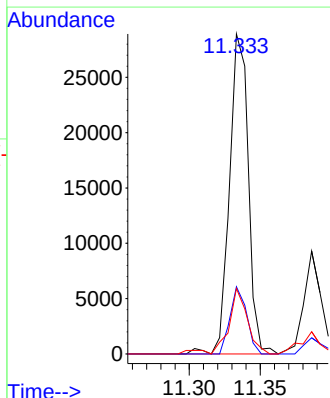
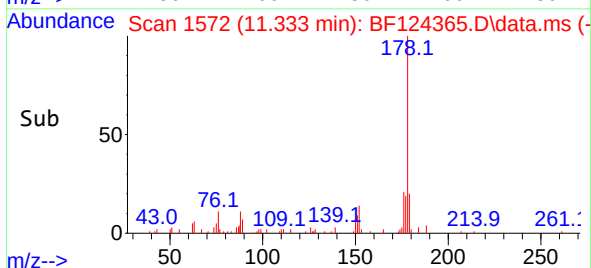
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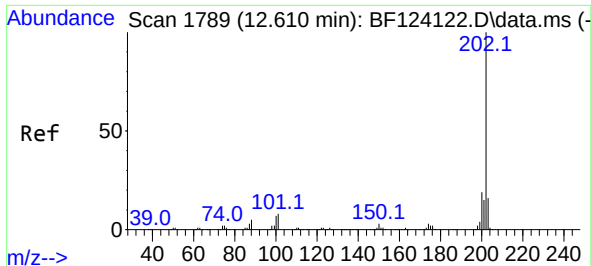


#71
Phenanthrene
Concen: 3.764 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF124365.D
Acq: 17 Jun 2021 16:18



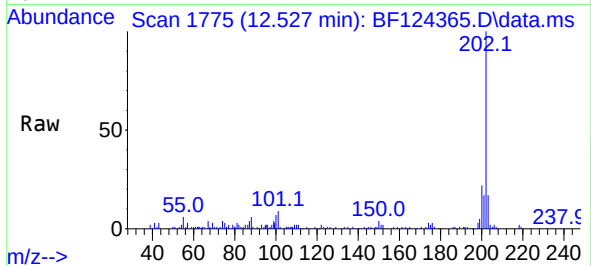
Tgt Ion:178 Resp: 26660
Ion Ratio Lower Upper
178 100
176 21.0 15.6 23.4
179 20.5 12.5 18.7#





#75
Fluoranthene
Concen: 8.201 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF124365.D
Acq: 17 Jun 2021 16:18

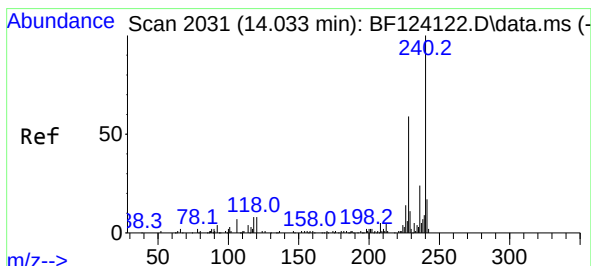
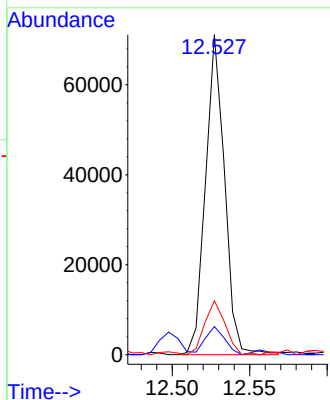
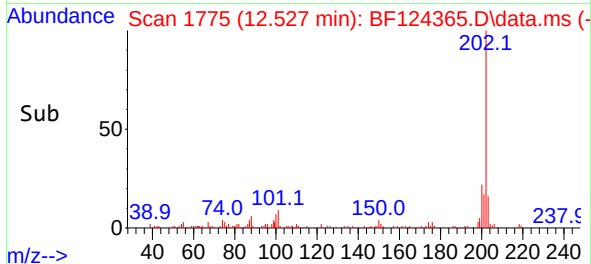
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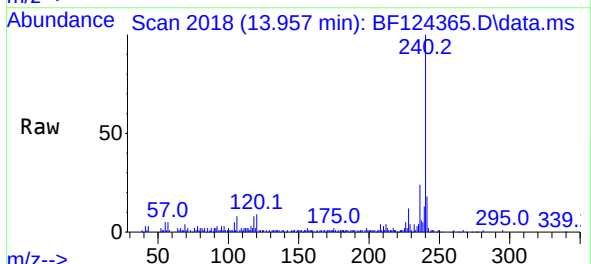
Tgt Ion:202 Resp: 60971
Ion Ratio Lower Upper
202 100
101 8.8 0.0 30.9
203 16.9 0.0 37.5

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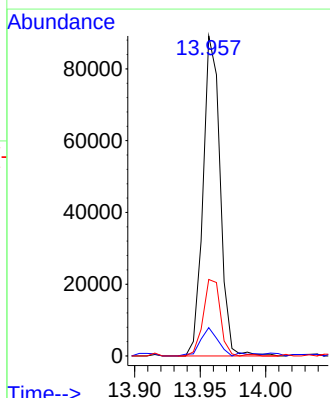
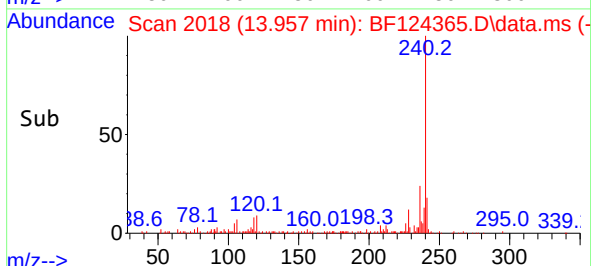
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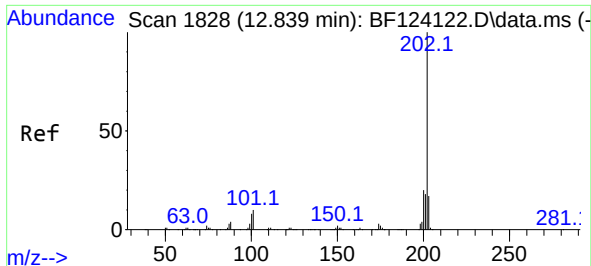


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124365.D
Acq: 17 Jun 2021 16:18



Tgt Ion:240 Resp: 81018
Ion Ratio Lower Upper
240 100
120 8.9 7.2 10.8
236 23.9 19.0 28.4





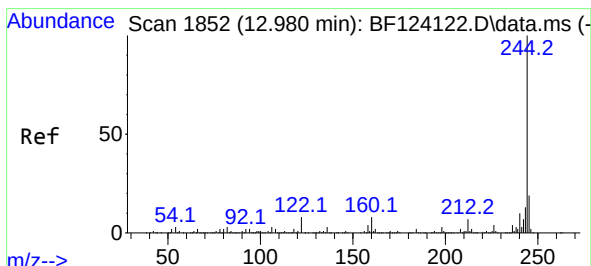
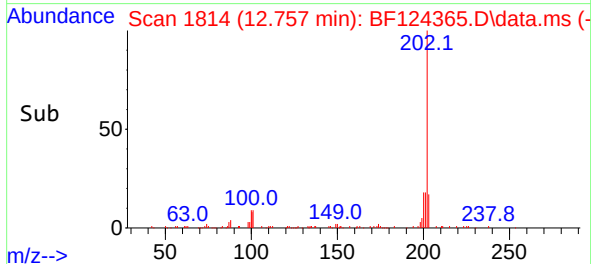
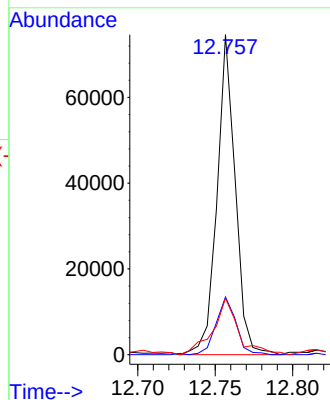
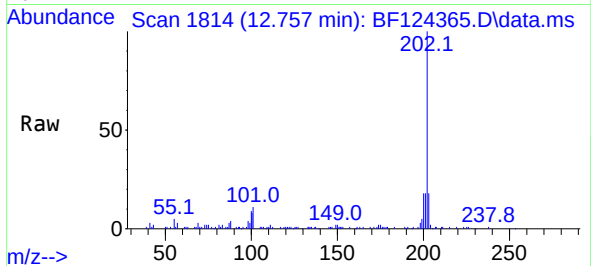
#78
Pyrene
Concen: 7.864 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF124365.D
Acq: 17 Jun 2021 16:18

Tgt Ion:	202	Resp:	61177
Ion Ratio	Lower	Upper	
202	100		
200	18.0	16.1	24.1
203	17.6	14.8	22.2

Instrument :
BNA_F
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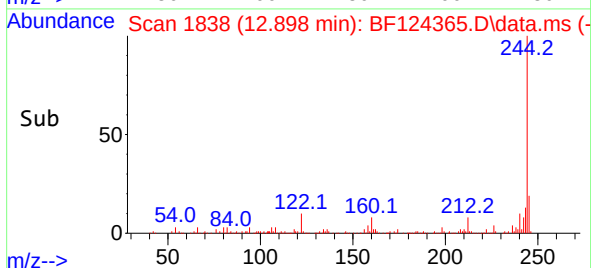
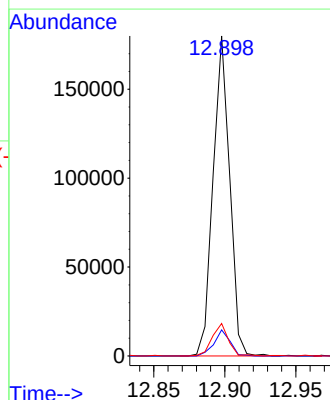
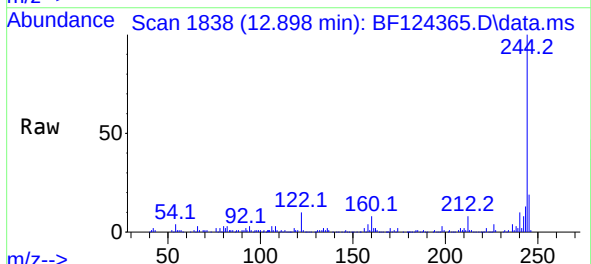
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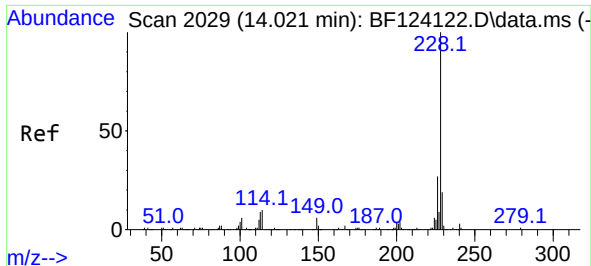
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#79
Terphenyl-d14
Concen: 24.843 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF124365.D
Acq: 17 Jun 2021 16:18

Tgt Ion:	244	Resp:	146597
Ion Ratio	Lower	Upper	
244	100		
212	8.1	5.7	8.5
122	10.1	9.7	14.5





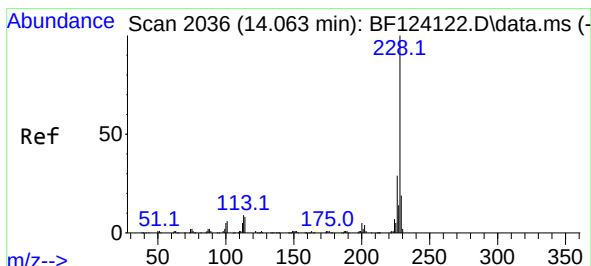
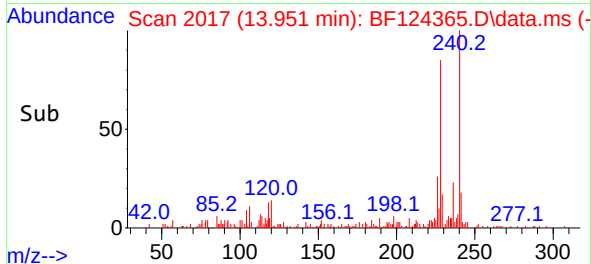
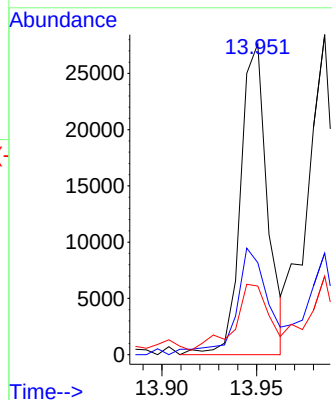
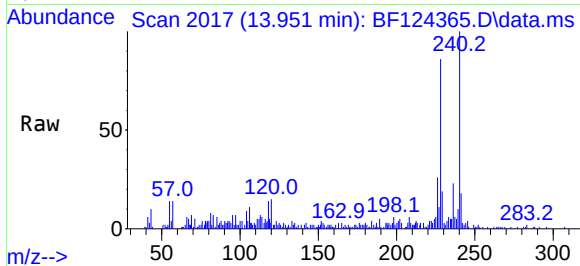
#81
Benzo(a)anthracene
Concen: 4.621 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF124365.D
Acq: 17 Jun 2021 16:18

Tgt Ion:	228	Resp:	27272
Ion Ratio	Lower	Upper	
228	100		
226	29.6	22.4	33.6
229	22.1	16.0	24.0

Instrument :
BNA_F
ClientSampled :
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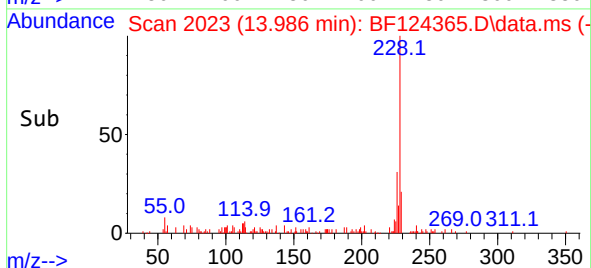
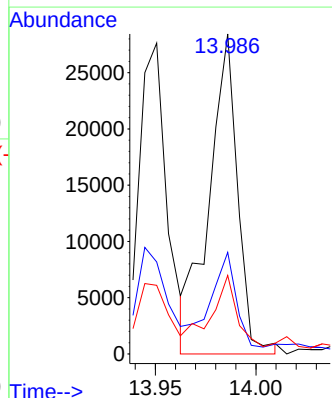
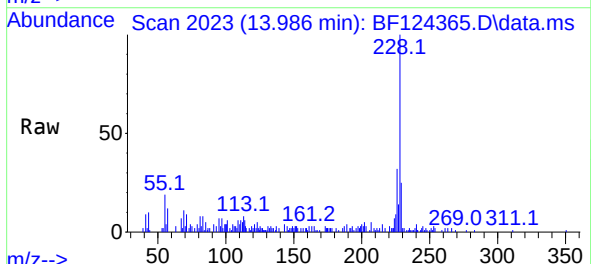
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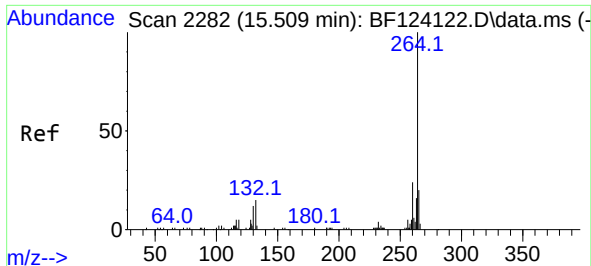
mohammad
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#83
Chrysene
Concen: 4.947 ng m
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF124365.D
Acq: 17 Jun 2021 16:18

Tgt Ion:	228	Resp:	28173
Ion Ratio	Lower	Upper	
228	100		
226	31.8	24.3	36.5
229	24.5	16.2	24.2#





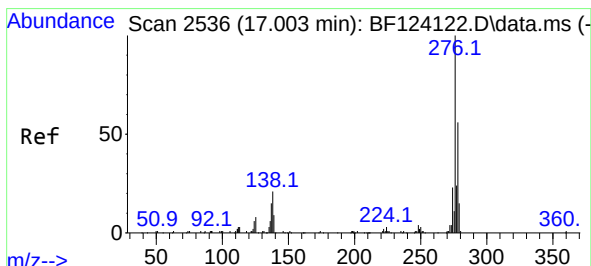
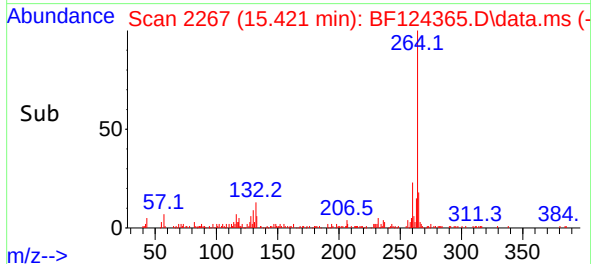
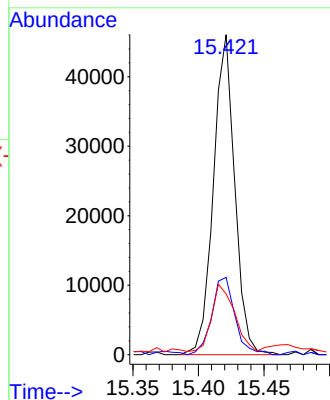
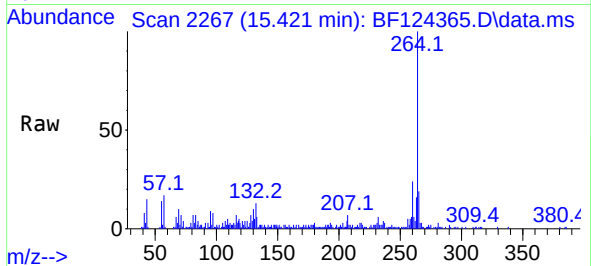
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF124365.D
Acq: 17 Jun 2021 16:18

Tgt Ion:	264	Resp:	52062
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.7	28.1
265	19.0	17.8	26.8

Instrument :
BNA_F
ClientSampleId :
SU-03-061621

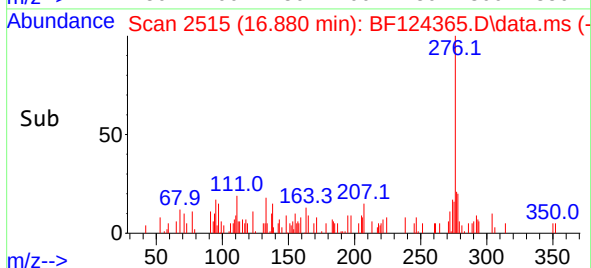
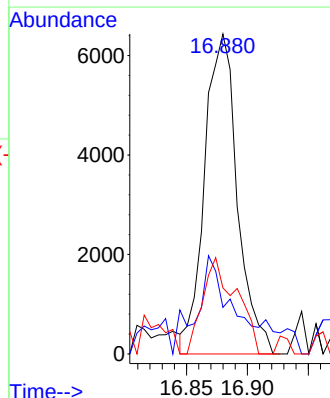
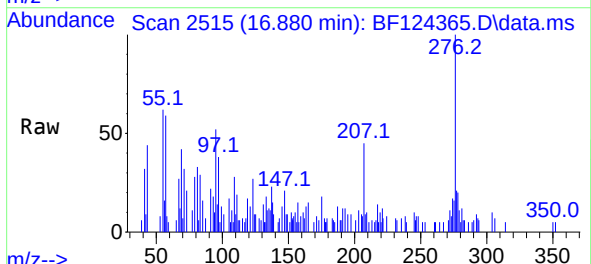
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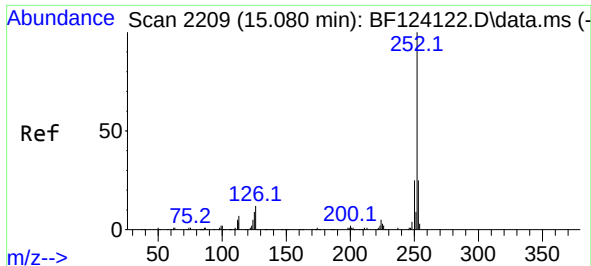
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#87
Indeno(1,2,3-cd)pyrene
Concen: 6.863 ng
RT: 16.880 min Scan# 2515
Delta R.T. 0.006 min
Lab File: BF124365.D
Acq: 17 Jun 2021 16:18

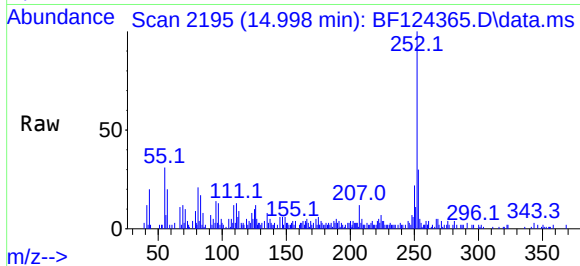
Tgt Ion:	276	Resp:	12043
Ion Ratio	Lower	Upper	
276	100		
138	40.4	16.2	24.2#
277	30.8	20.1	30.1#





#88
Benzo(b)fluoranthene
Concen: 7.184 ng m
RT: 14.998 min Scan# 2195
Delta R.T. -0.000 min
Lab File: BF124365.D
Acq: 17 Jun 2021 16:18

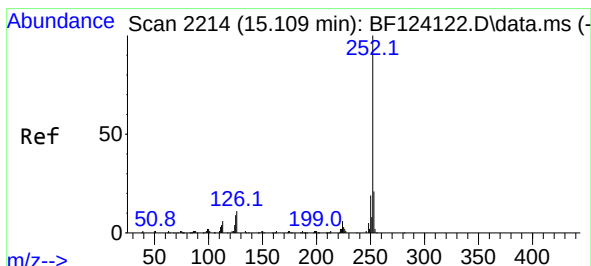
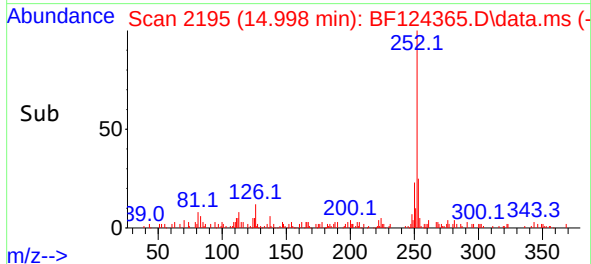
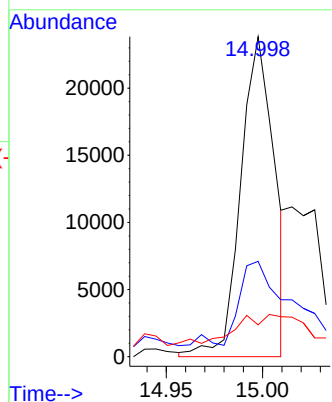
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:252 Resp: 29053
Ion Ratio Lower Upper
252 100
253 29.8 18.1 27.1#
125 9.9 6.2 9.4#

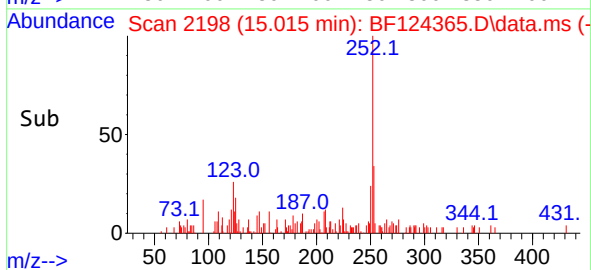
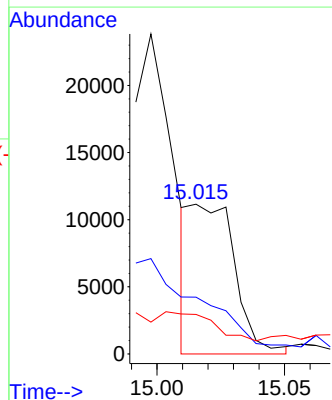
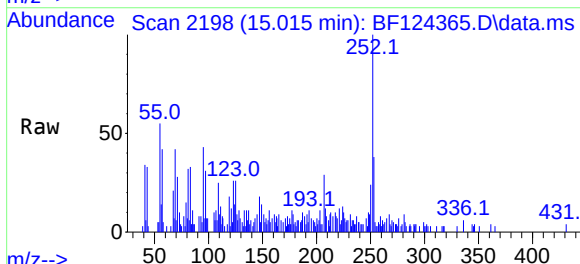
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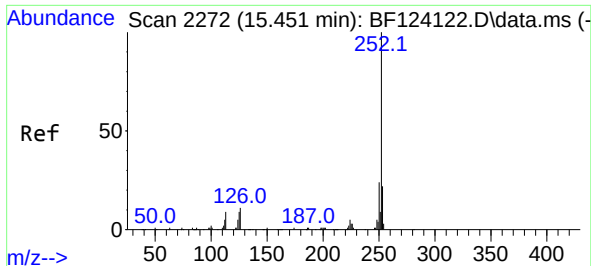
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#89
Benzo(k)fluoranthene
Concen: 3.543 ng m
RT: 15.015 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF124365.D
Acq: 17 Jun 2021 16:18

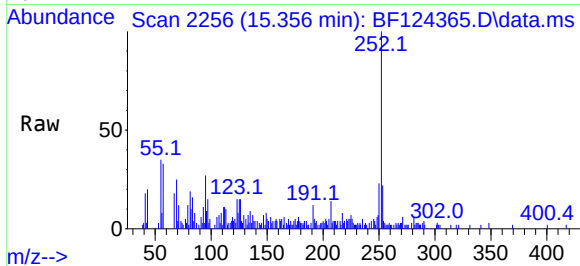
Tgt Ion:252 Resp: 13563
Ion Ratio Lower Upper
252 100
253 38.0 17.9 26.9#
125 26.4 7.0 10.6#





#90
Benzo(a)pyrene
Concen: 6.451 ng
RT: 15.356 min Scan# 2256
Delta R.T. -0.000 min
Lab File: BF124365.D
Acq: 17 Jun 2021 16:18

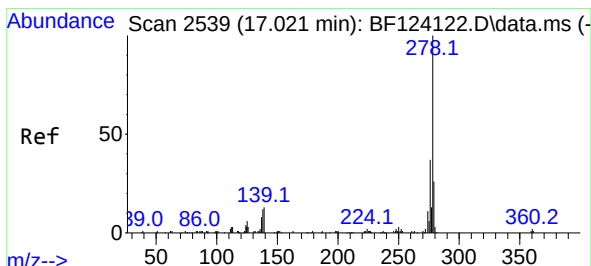
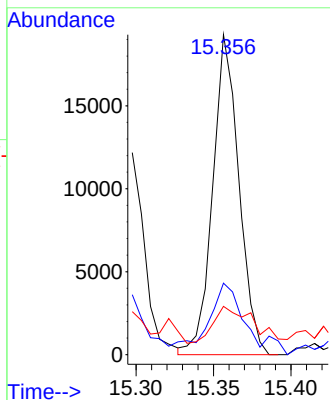
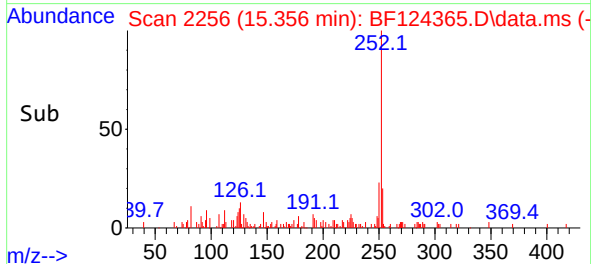
Instrument :
BNA_F
ClientSampled :
SU-03-061621



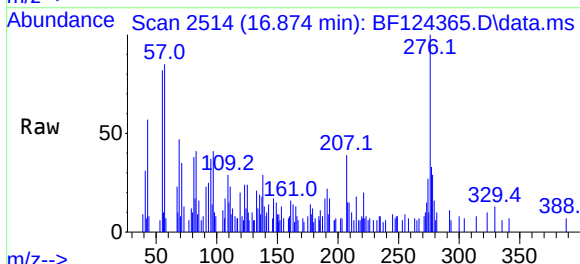
Tgt Ion:252 Resp: 22660
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 15.1 8.0 12.0#

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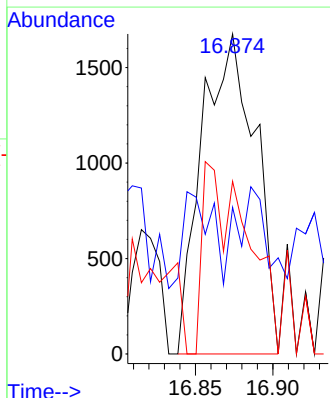
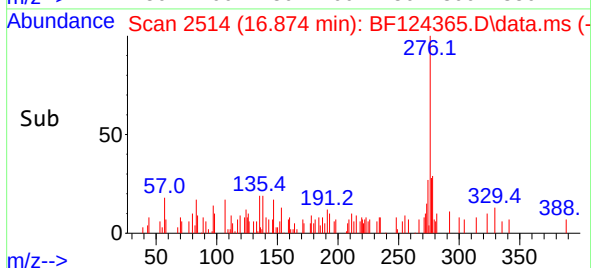
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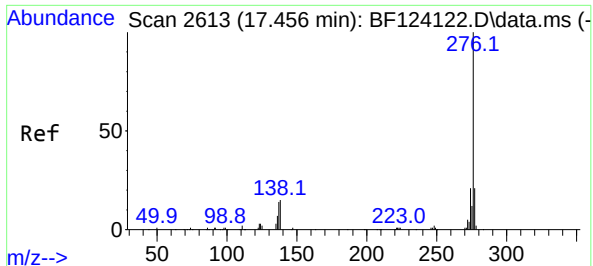


#91
Dibenzo(a,h)anthracene
Concen: 5.164 ng
RT: 16.874 min Scan# 2514
Delta R.T. -0.012 min
Lab File: BF124365.D
Acq: 17 Jun 2021 16:18

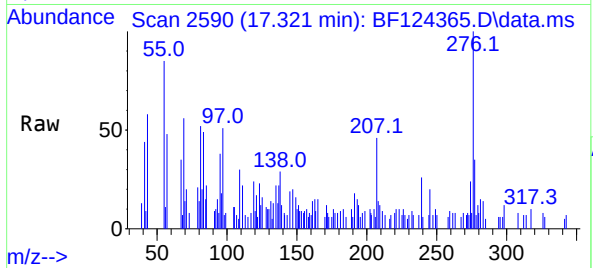


Tgt Ion:278 Resp: 4008
Ion Ratio Lower Upper
278 100
139 45.8 10.2 15.2#
279 53.9 19.4 29.0#

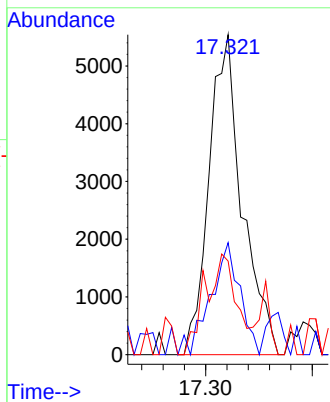
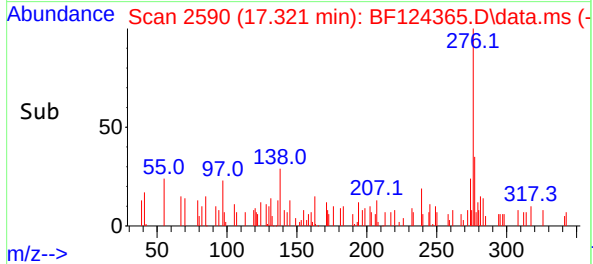




#92
Benzo(g,h,i)perylene
Concen: 6.828 ng
RT: 17.321 min Scan# 2590
Delta R.T. 0.006 min
Lab File: BF124365.D
Acq: 17 Jun 2021 16:18



Tgt Ion: 276 Resp: 11973
Ion Ratio Lower Upper
276 100
277 35.0 18.2 27.2#
138 29.2 13.8 20.6#



Instrument :
BNA_F
ClientSampleId :
SU-03-061621

Manual Integrations
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