

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061821\
 Data File : BF124379.D
 Acq On : 18 Jun 2021 17:59
 Operator : JU/CG
 Sample : M2709-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0249-AMND-COMP-N(CL-22)

Manual Integrations
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Quant Time: Jun 18 23:17:25 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	31133	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	114938	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	71955	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	138153	20.000	ng	0.00
76) Chrysene-d12	13.957	240	99627	20.000	ng	0.00
86) Perylene-d12	15.415	264	88043	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	6336	3.064	ng	0.00
7) Phenol-d6	6.428	99	70714	25.437	ng	-0.02
23) Nitrobenzene-d5	7.345	82	113592	39.197	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	1141	1.119	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	196679	34.396	ng	0.00
79) Terphenyl-d14	12.898	244	239434	32.996	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.527	202	36128	3.988	ng	99
78) Pyrene	12.757	202	41469	4.335	ng	99
81) Benzo(a)anthracene	13.945	228	25488	3.512	ng	# 88
83) Chrysene	13.986	228	26544	3.791	ng	# 93
87) Indeno(1,2,3-cd)pyrene	16.880	276	13993	6.072	ng	# 92
88) Benzo(b)fluoranthene	14.992	252	33254m	4.862	ng	
90) Benzo(a)pyrene	15.357	252	21338	3.592	ng	# 93
91) Dibenzo(a,h)anthracene	16.874	278	4569	4.842	ng	# 79
92) Benzo(g,h,i)perylene	17.309	276	13273	5.787	ng	96

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

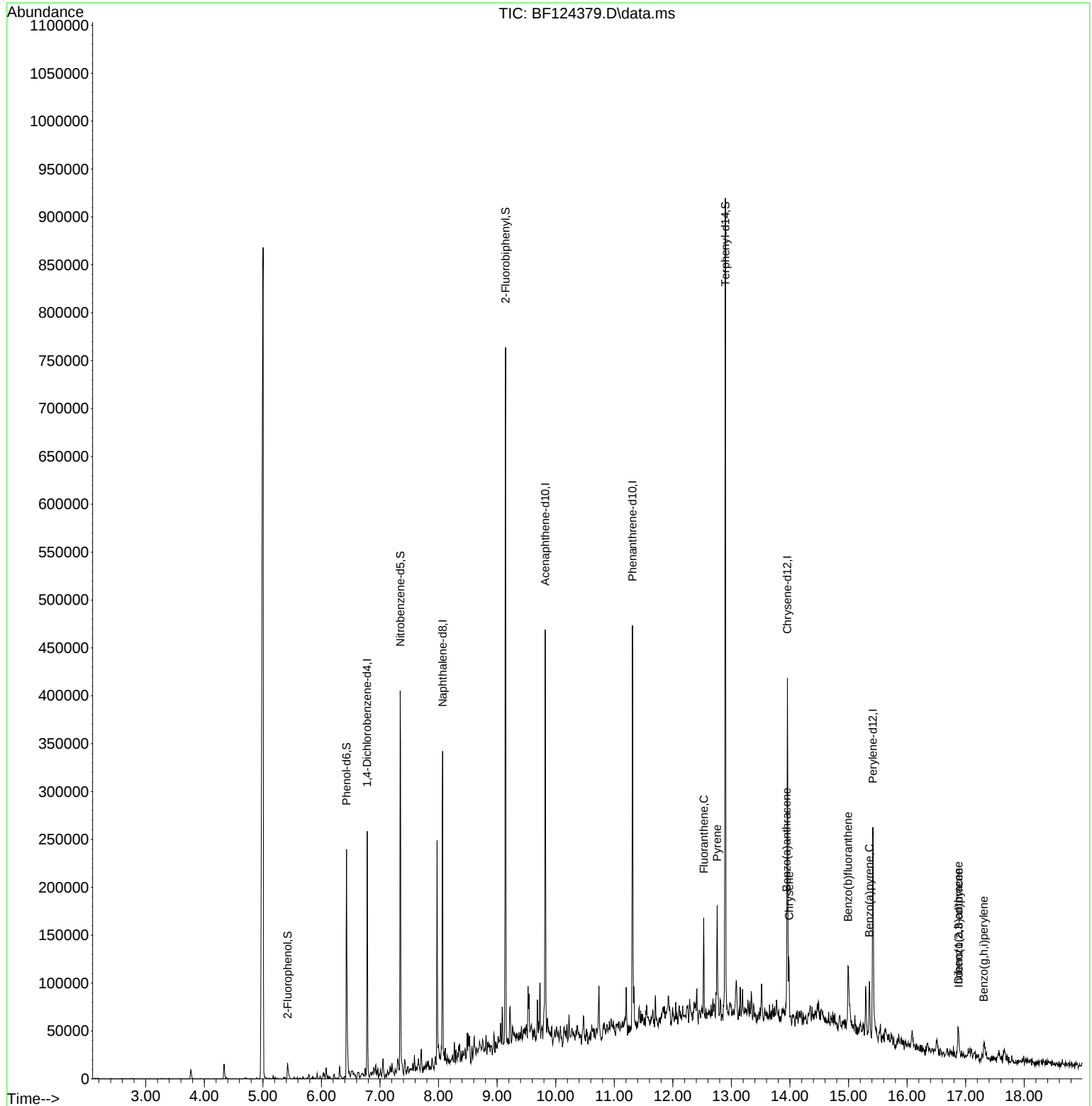
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Data File : BF124379.D
Acq On : 18 Jun 2021 17:59
Operator : JU/CG
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ALS Vial : 11 Sample Multiplier: 1

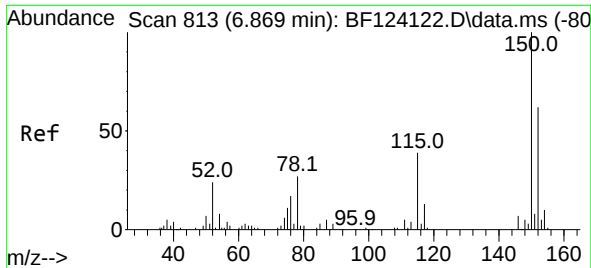
Instrument :
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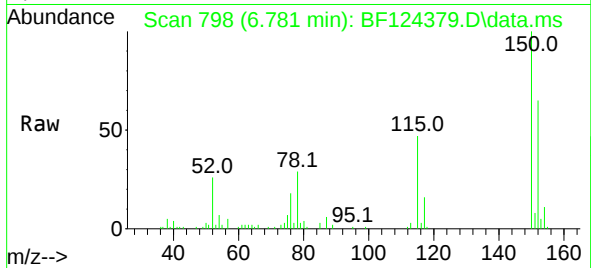
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
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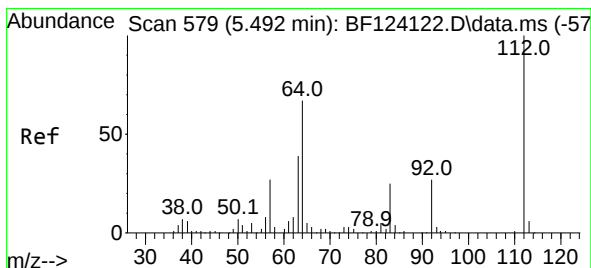
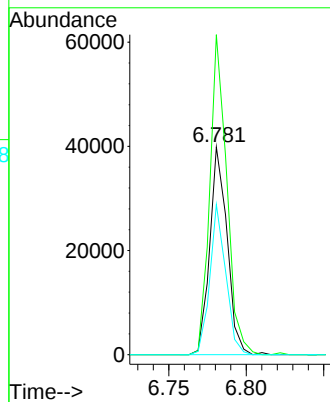
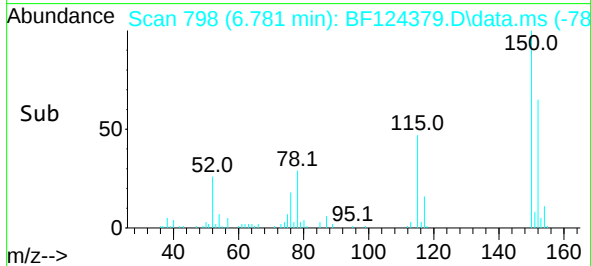




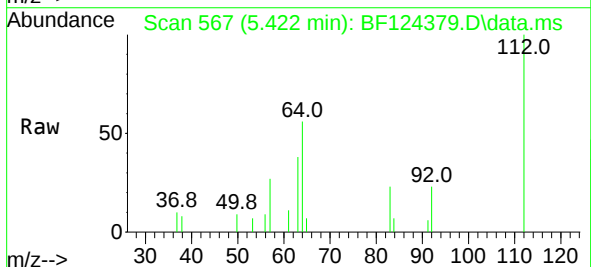
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59



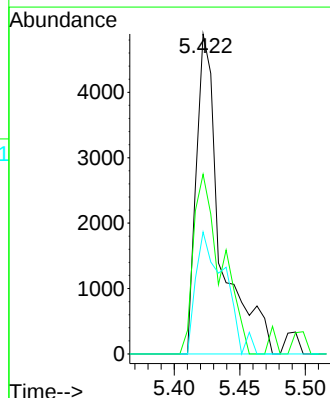
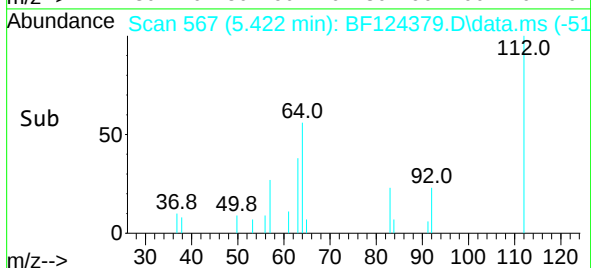
Tgt Ion:152 Resp: 31133
Ion Ratio Lower Upper
152 100
150 154.1 127.0 190.6
115 72.3 54.3 81.5



#5
2-Fluorophenol
Concen: 3.064 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59



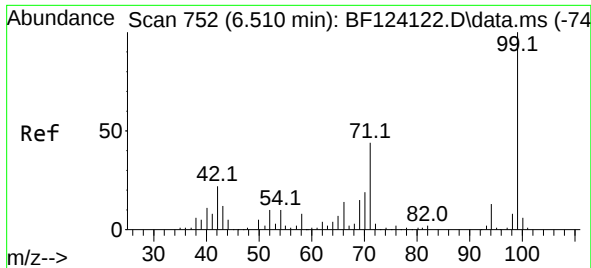
Tgt Ion:112 Resp: 6336
Ion Ratio Lower Upper
112 100
64 56.2 61.4 92.0#
63 38.1 33.0 49.4



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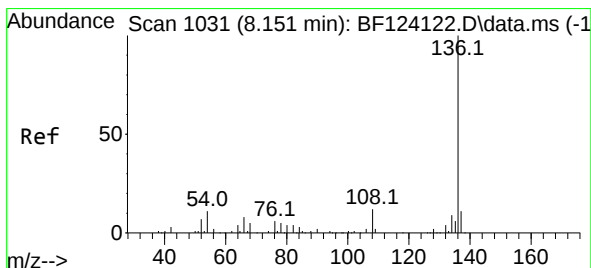
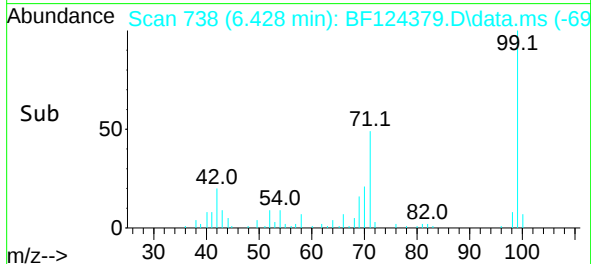
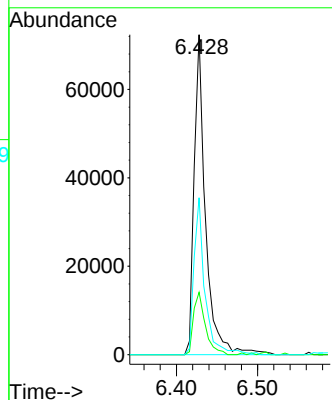
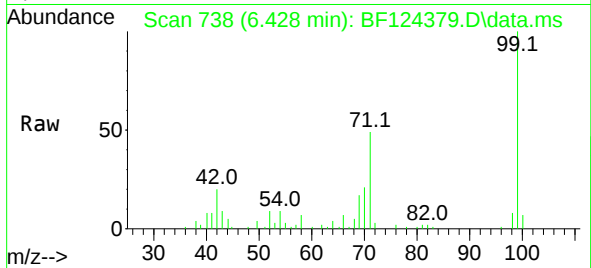
#7
Phenol-d6
Concen: 25.437 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

Tgt Ion: 99 Resp: 70714
Ion Ratio Lower Upper
99 100
42 19.5 19.8 29.8#
71 49.0 31.1 46.7#

Instrument :
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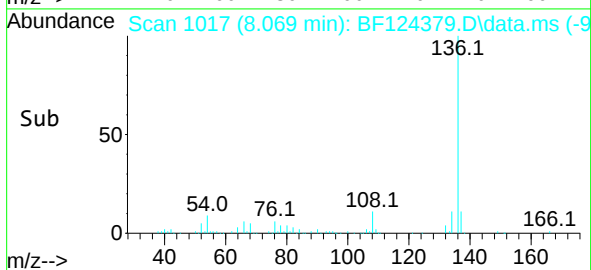
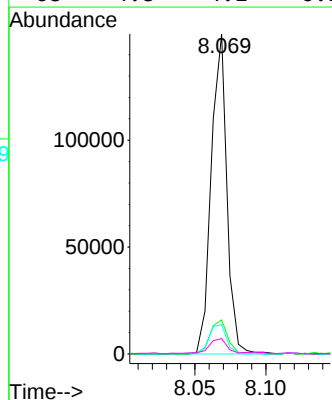
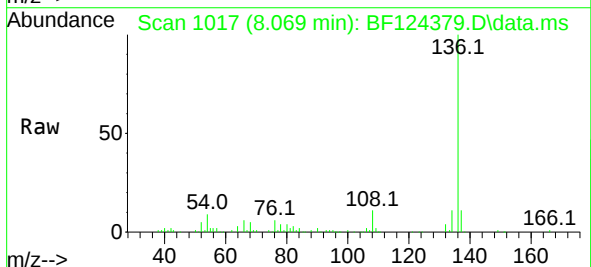
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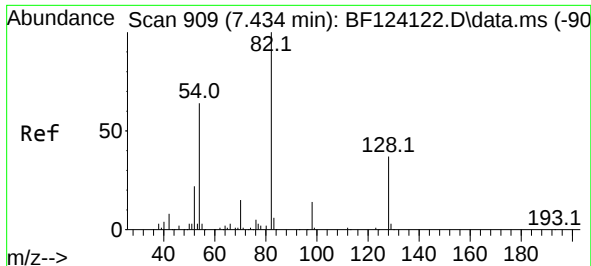
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

Tgt Ion: 136 Resp: 114938
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.2 9.8 14.6#
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 39.197 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF124379.D

Acq: 18 Jun 2021 17:59

Tgt Ion:	82	Resp:	113592
Ion Ratio	Lower	Upper	
82	100		
128	35.4	29.4	44.2
54	57.8	54.1	81.1

Instrument :

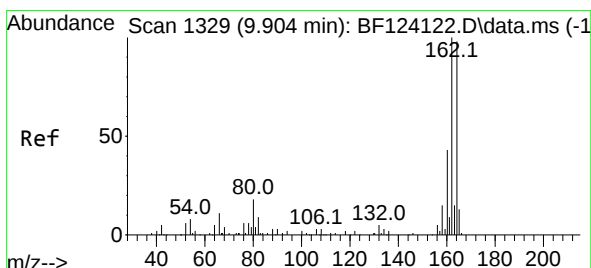
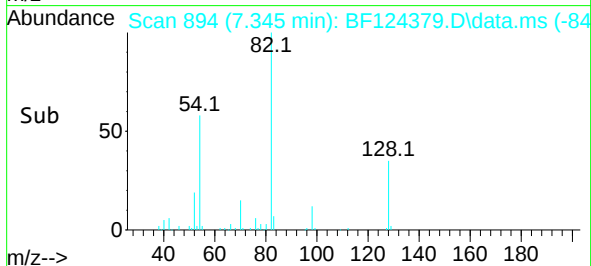
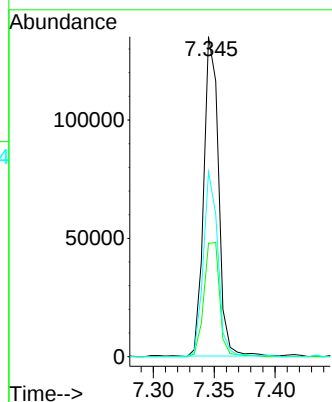
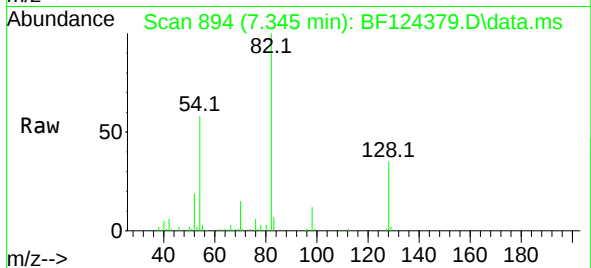
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#39

Acenaphthene-d10

Concen: 20.000 ng

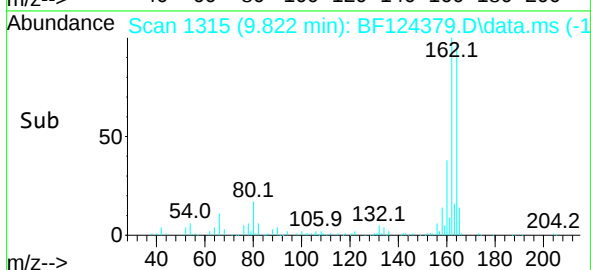
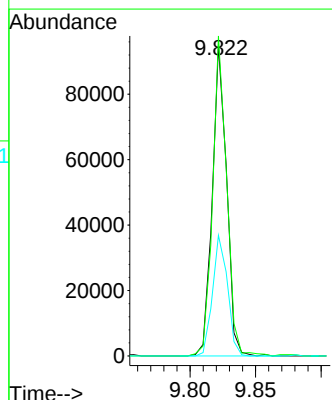
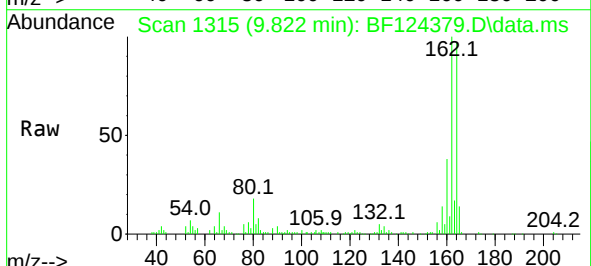
RT: 9.822 min Scan# 1315

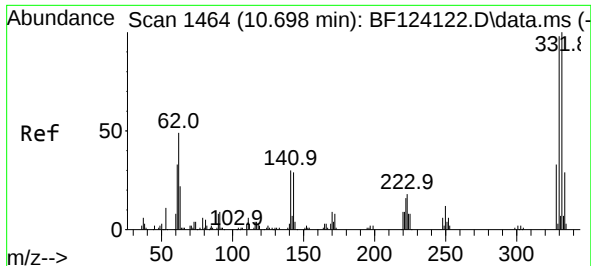
Delta R.T. -0.006 min

Lab File: BF124379.D

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Tgt Ion:	164	Resp:	71955
Ion Ratio	Lower	Upper	
164	100		
162	103.1	80.7	121.1
160	38.9	37.3	55.9





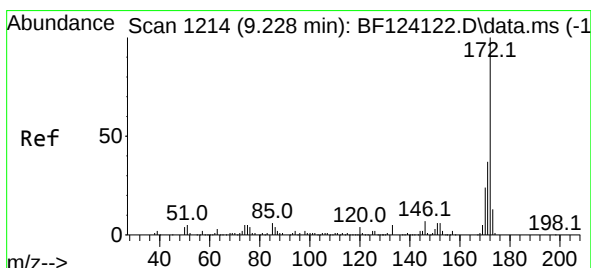
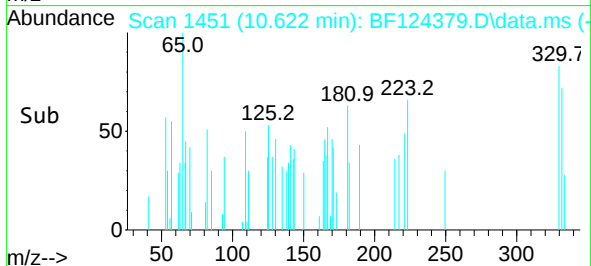
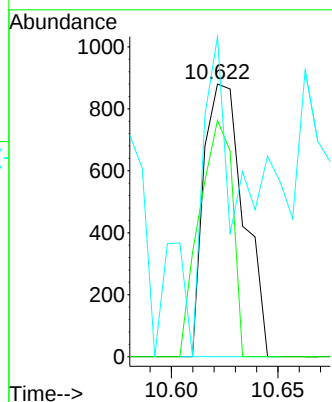
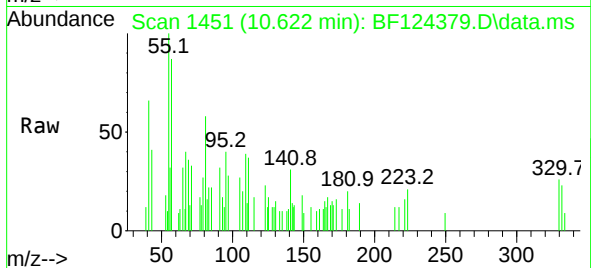
#42
2,4,6-Tribromophenol
Concen: 1.119 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

Tgt Ion: 330 Resp: 1141
Ion Ratio Lower Upper
330 100
332 72.1 77.1 115.7#
141 45.0 27.9 41.9#

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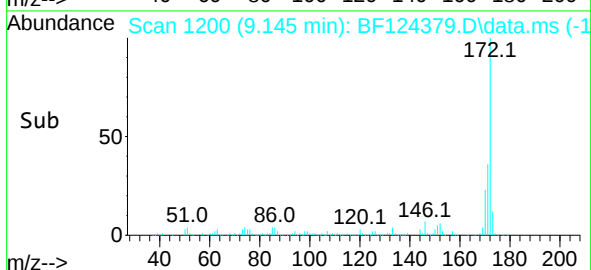
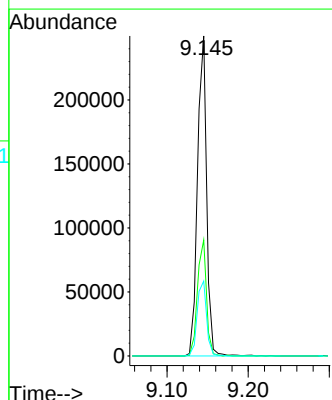
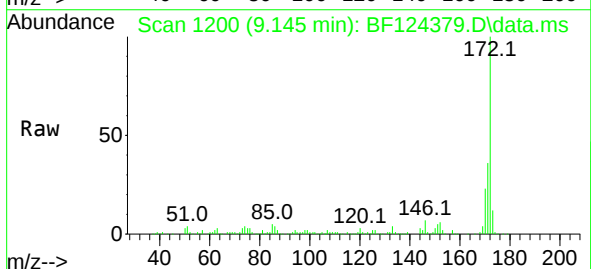
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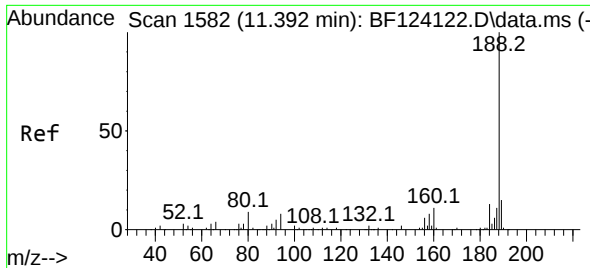
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#45
2-Fluorobiphenyl
Concen: 34.396 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124379.D
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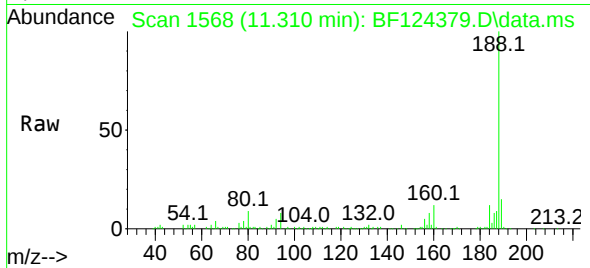
Tgt Ion: 172 Resp: 196679
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 23.4 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

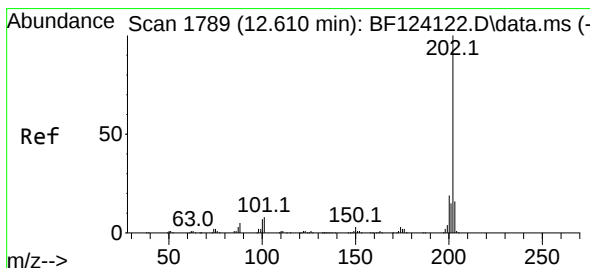
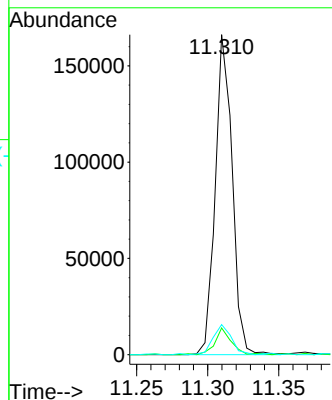
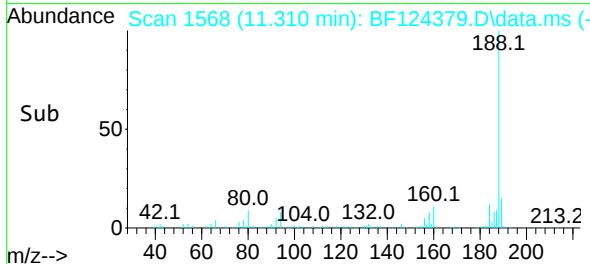
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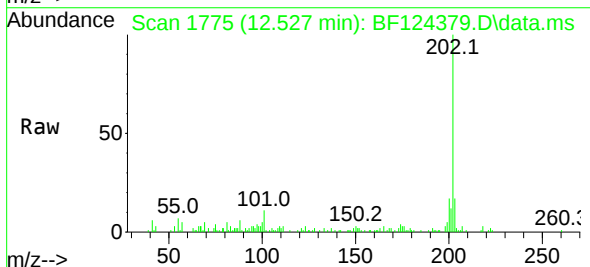
Tgt Ion:188 Resp: 138153
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.4 8.2 12.2

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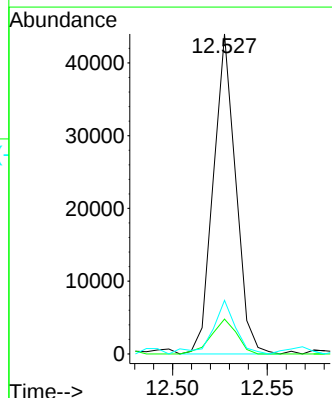
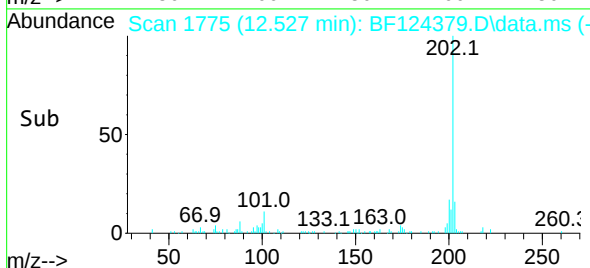
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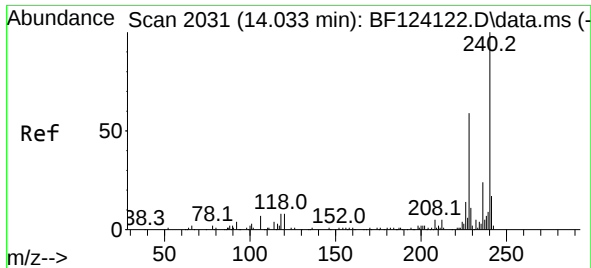


#75
Fluoranthene
Concen: 3.988 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF124379.D
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Tgt Ion:202 Resp: 36128
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.9
203 16.7 0.0 37.5





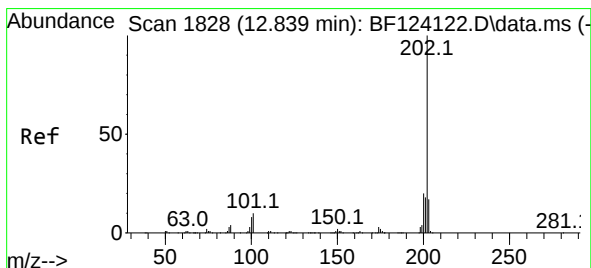
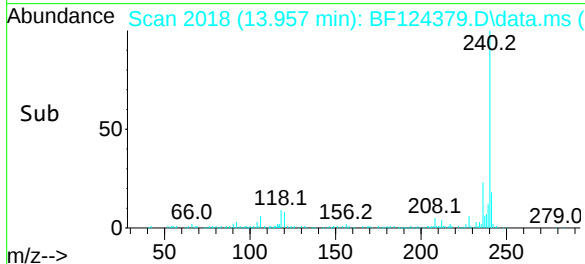
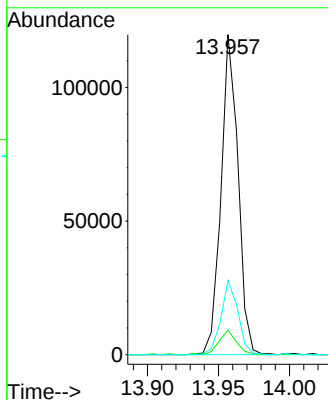
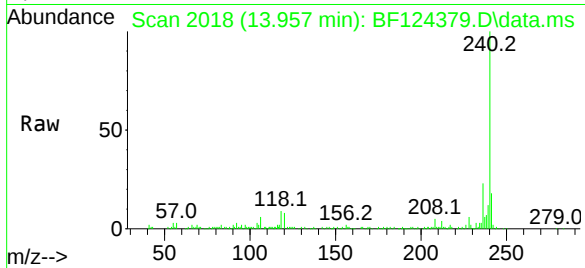
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

Tgt Ion:240 Resp: 99627
Ion Ratio Lower Upper
240 100
120 7.7 7.2 10.8
236 23.2 19.0 28.4

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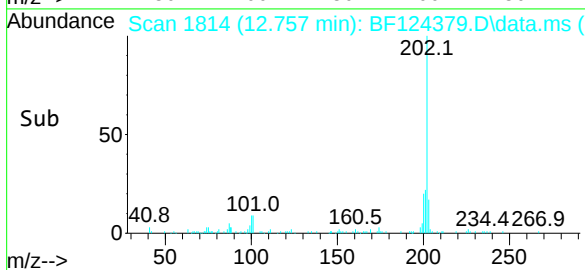
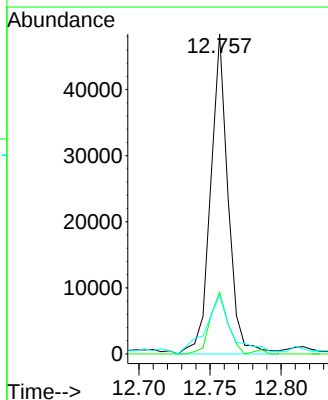
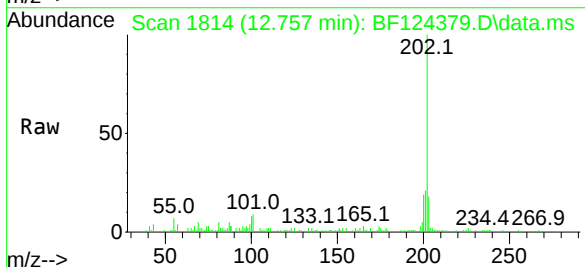
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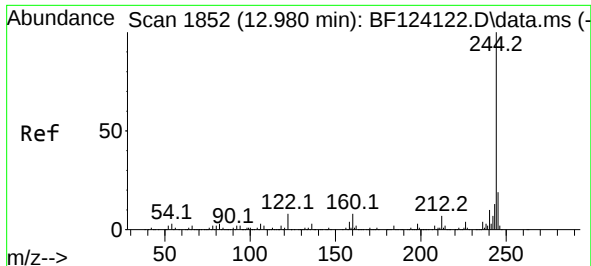
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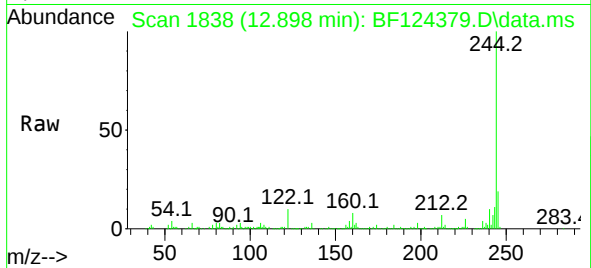
#78
Pyrene
Concen: 4.335 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

Tgt Ion:202 Resp: 41469
Ion Ratio Lower Upper
202 100
200 19.3 16.1 24.1
203 18.4 14.8 22.2

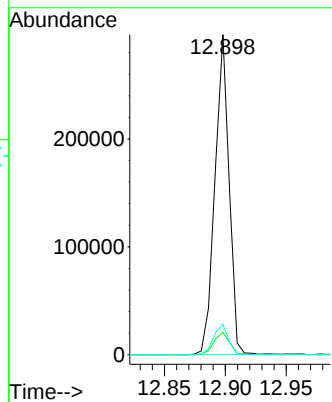
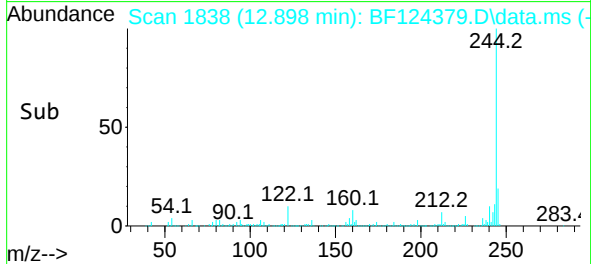




#79
Terphenyl-d14
Concen: 32.996 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59



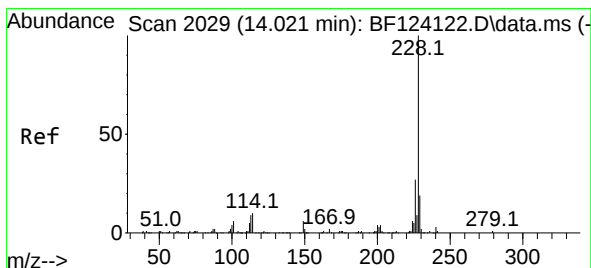
Tgt Ion:244 Resp: 239434
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 9.5 9.7 14.5#



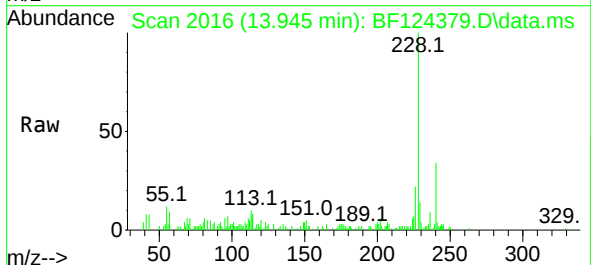
Instrument :
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ClientSampleId :
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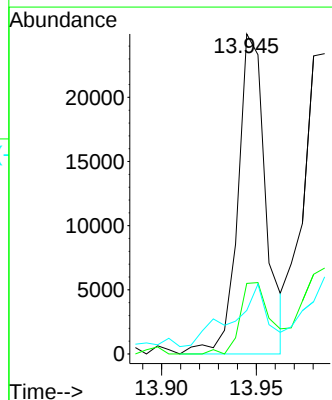
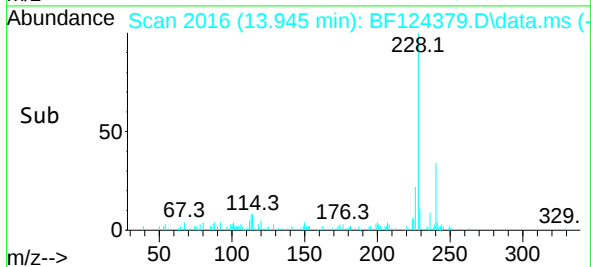
mohammad
6/21/2021 11:38:30 AM

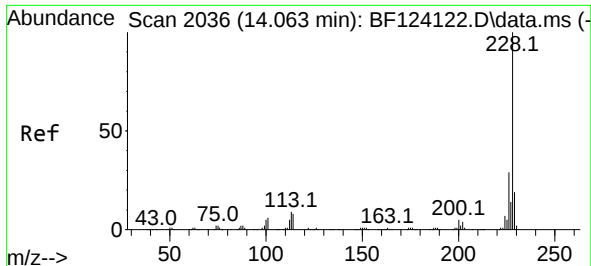


#81
Benzo(a)anthracene
Concen: 3.512 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59



Tgt Ion:228 Resp: 25488
Ion Ratio Lower Upper
228 100
226 22.0 22.4 33.6#
229 13.6 16.0 24.0#





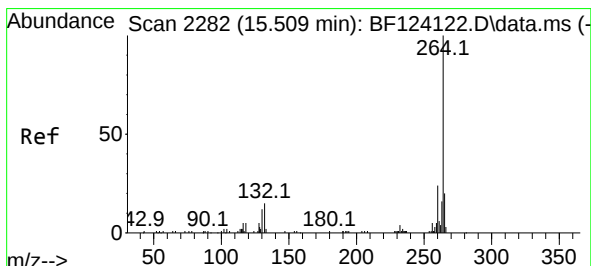
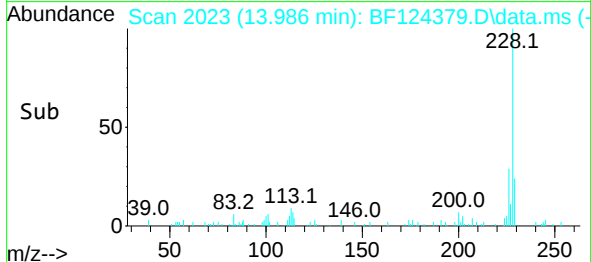
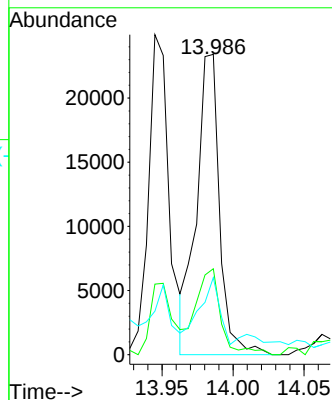
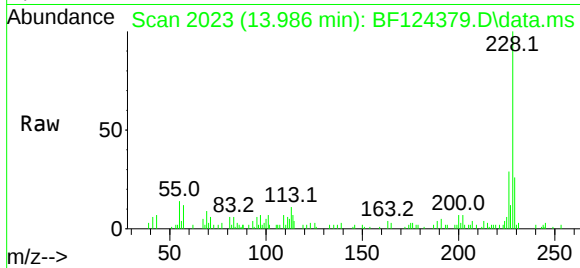
#83
Chrysene
Concen: 3.791 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.3	36.5
229	25.7	16.2	24.2#

Instrument :
BNA_F
ClientSampleId :
0249-AMND-COMP-N(CL-22)

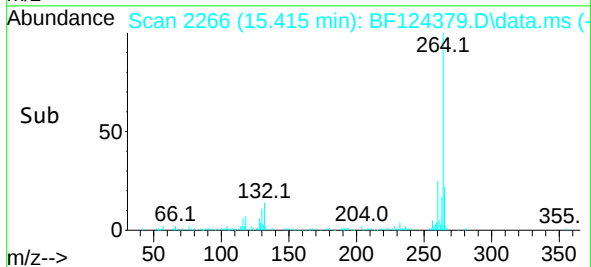
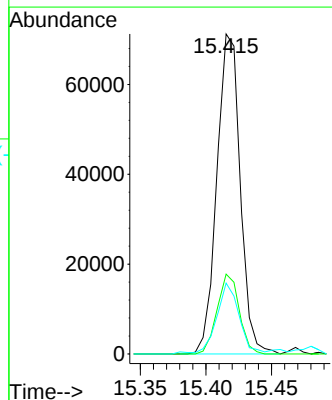
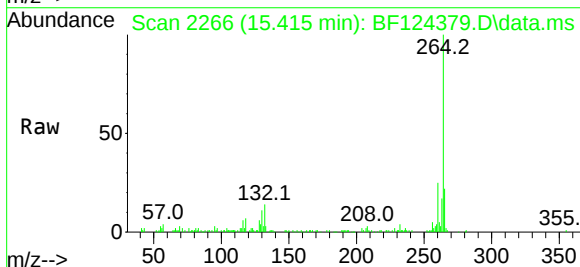
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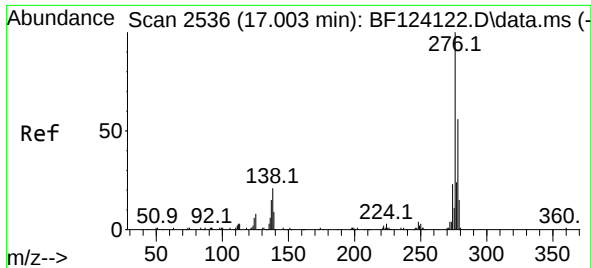
mohammad
6/21/2021 11:38:30 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

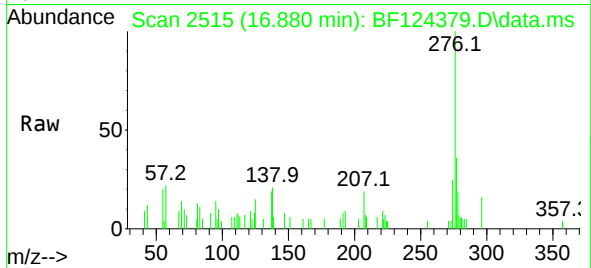
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.7	28.1
265	22.1	17.8	26.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 6.072 ng
RT: 16.880 min Scan# 2515
Delta R.T. 0.006 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

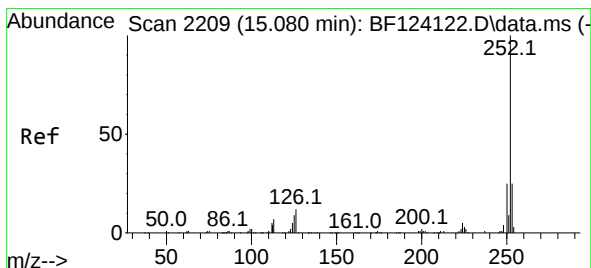
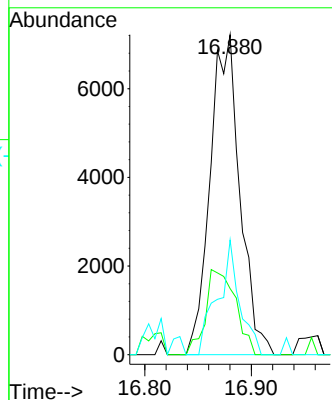
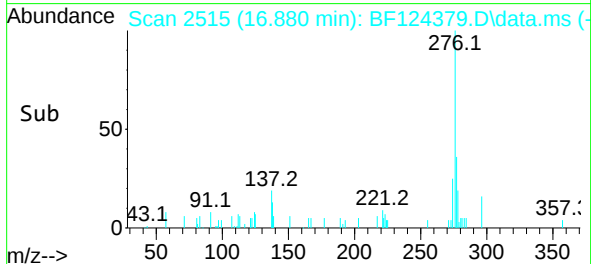
Instrument :
BNA_F
ClientSampleId :
0249-AMND-COMP-N(CL-22)



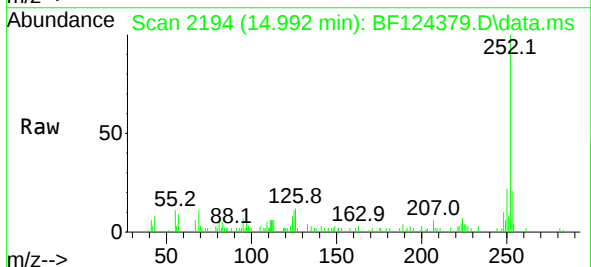
Tgt Ion:276 Resp: 13993
Ion Ratio Lower Upper
276 100
138 26.7 16.2 24.2#
277 26.5 20.1 30.1

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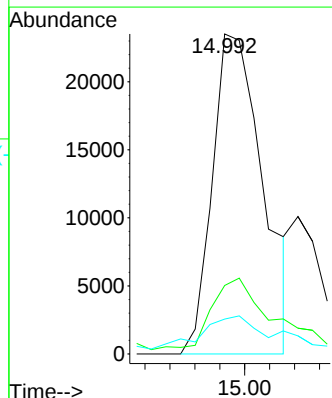
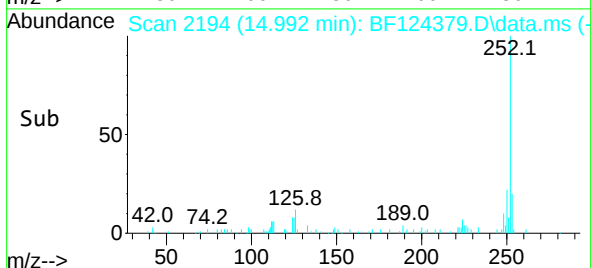
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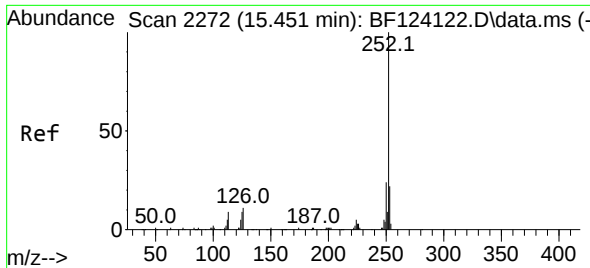


#88
Benzo(b)fluoranthene
Concen: 4.862 ng m
RT: 14.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59



Tgt Ion:252 Resp: 33254
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 10.9 6.2 9.4#





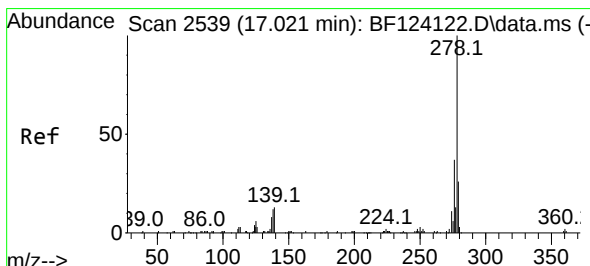
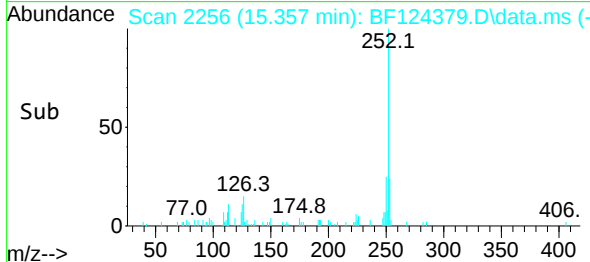
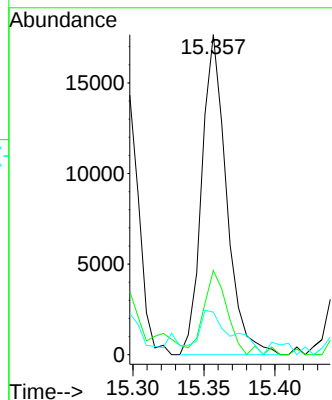
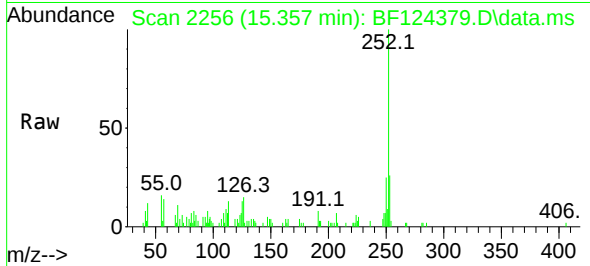
#90
Benzo(a)pyrene
Concen: 3.592 ng
RT: 15.357 min Scan# 2256
Delta R.T. 0.000 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	18.4	27.6
125	13.3	8.0	12.0#

Instrument :
BNA_F
ClientSampleId :
0249-AMND-COMP-N(CL-22)

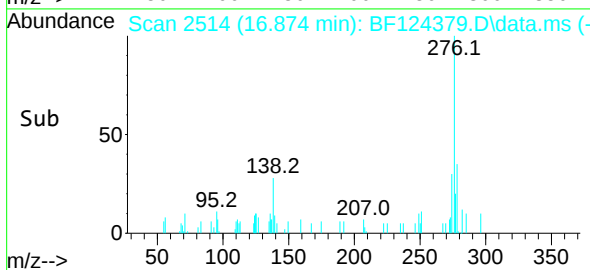
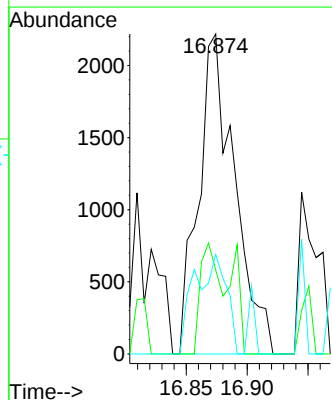
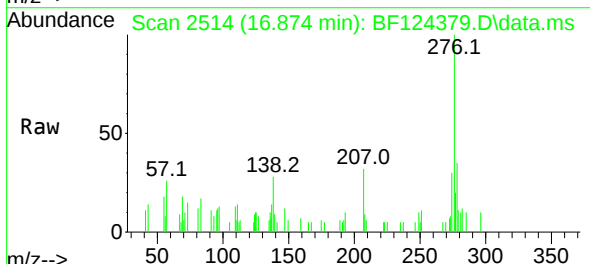
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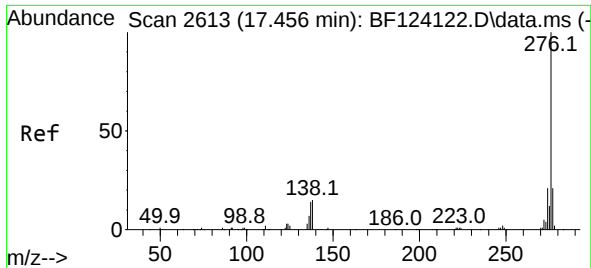
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 4.842 ng
RT: 16.874 min Scan# 2514
Delta R.T. -0.012 min
Lab File: BF124379.D
Acq: 18 Jun 2021 17:59

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.2	10.2	15.2#
279	31.1	19.4	29.0#





#92
 Benzo(g,h,i)perylene
 Concen: 5.787 ng
 RT: 17.309 min Scan# 2588
 Delta R.T. -0.006 min
 Lab File: BF124379.D
 Acq: 18 Jun 2021 17:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	20.3	18.2	27.2
138	18.3	13.8	20.6

Instrument :
 BNA_F
 ClientSampleId :
 0249-AMND-COMP-N(CL-22)

Manual Integrations
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