

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
 Data File : BF124400.D
 Acq On : 21 Jun 2021 18:54
 Operator : JU/CG
 Sample : M2748-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6A

Manual Integrations
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mohammad
 6/23/2021 11:48:12 AM

Quant Time: Jun 22 01:33:10 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	30337	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	106166	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	57877	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	87319	20.000	ng	0.00
76) Chrysene-d12	13.957	240	66644	20.000	ng	0.00
86) Perylene-d12	15.421	264	82596	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	153165	76.001	ng	0.00
7) Phenol-d6	6.428	99	191110	70.550	ng	-0.02
23) Nitrobenzene-d5	7.351	82	146450	54.711	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	48701	59.393	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	269498	58.594	ng	0.00
79) Terphenyl-d14	12.898	244	210387	43.343	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.333	178	101196	18.552	ng	98
72) Anthracene	11.386	178	22471	4.091	ng	97
75) Fluoranthene	12.527	202	93527	16.335	ng	95
78) Pyrene	12.757	202	71319	11.144	ng	98
81) Benzo(a)anthracene	13.945	228	40744	8.392	ng	96
83) Chrysene	13.980	228	35036	7.480	ng	93
87) Indeno(1,2,3-cd)pyrene	16.874	276	24442	7.570	ng	96
88) Benzo(b)fluoranthene	14.998	252	53264m	8.302	ng	
89) Benzo(k)fluoranthene	15.021	252	14803m	2.437	ng	
90) Benzo(a)pyrene	15.357	252	34124m	6.123	ng	
91) Dibenzo(a,h)anthracene	16.868	278	8323	5.470	ng	# 85
92) Benzo(g,h,i)perylene	17.315	276	19275	6.872	ng	# 93

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

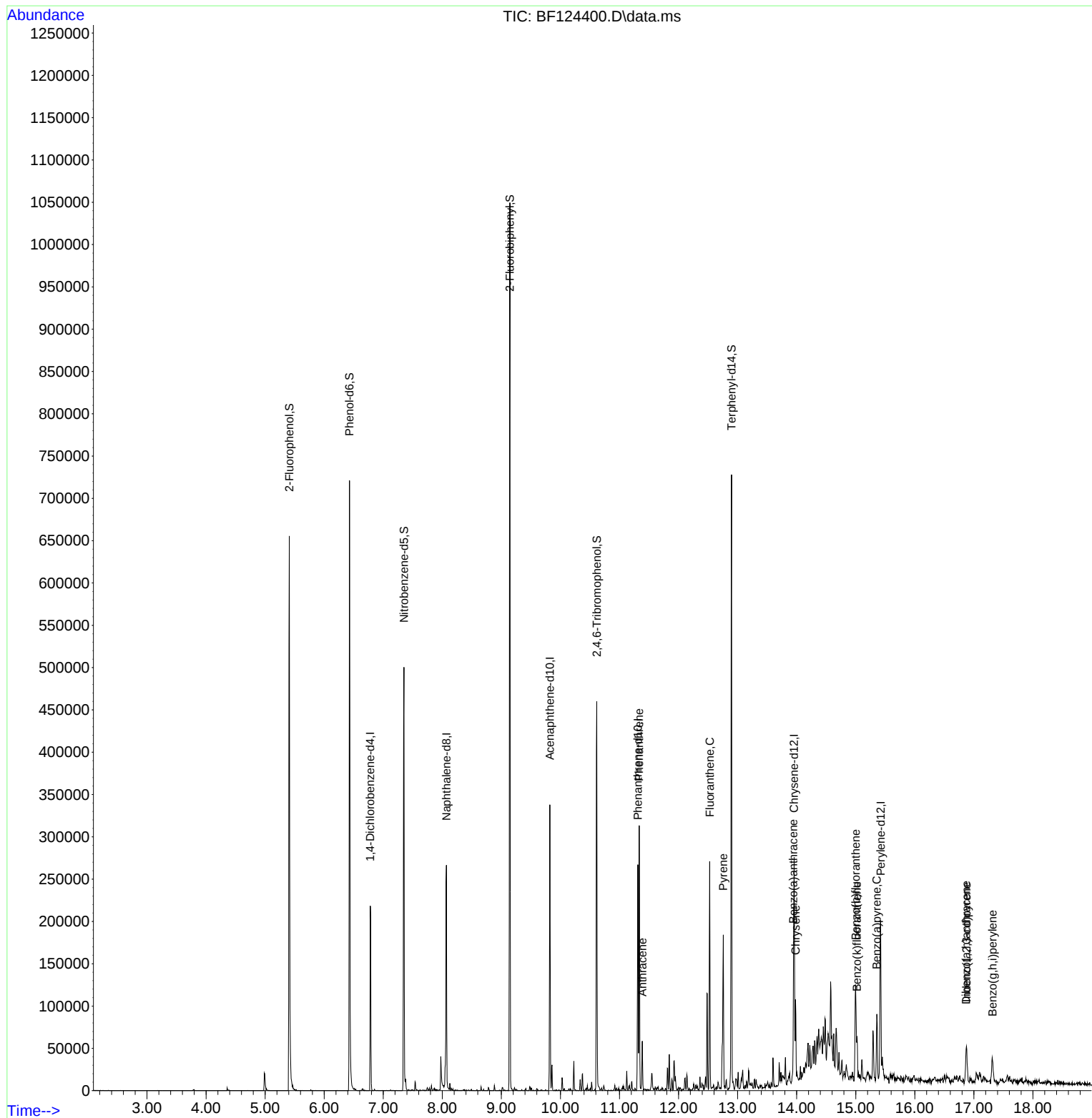
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124400.D
Acq On : 21 Jun 2021 18:54
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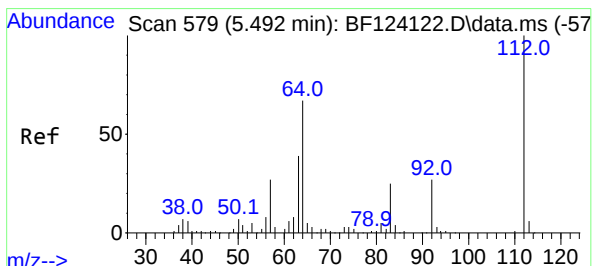
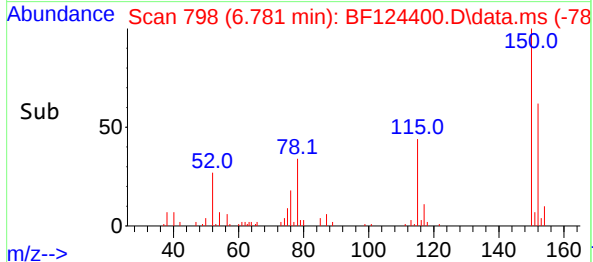
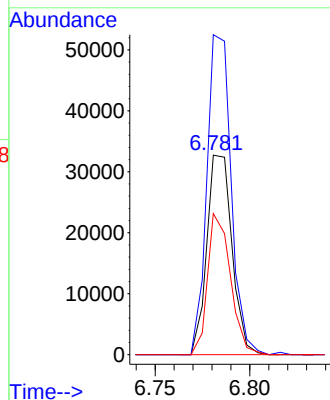
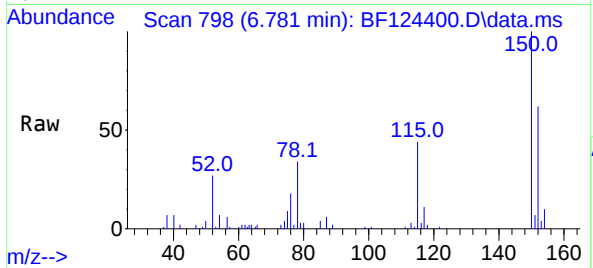
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

Tgt Ion:152 Resp: 30337
Ion Ratio Lower Upper
152 100
150 160.4 127.0 190.6
115 70.8 54.3 81.5

Instrument :
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ClientSampled :
SB-6A

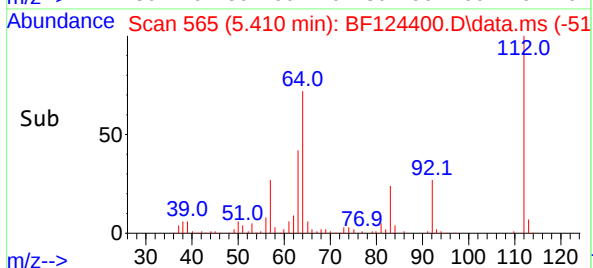
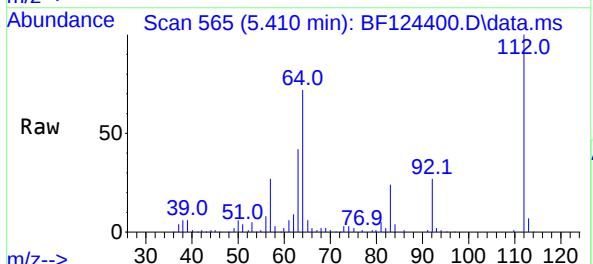
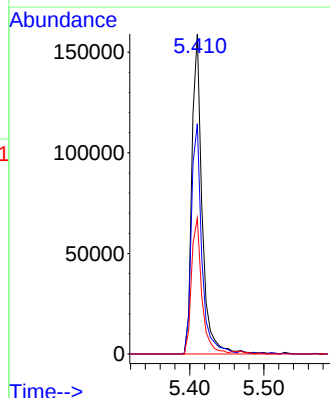
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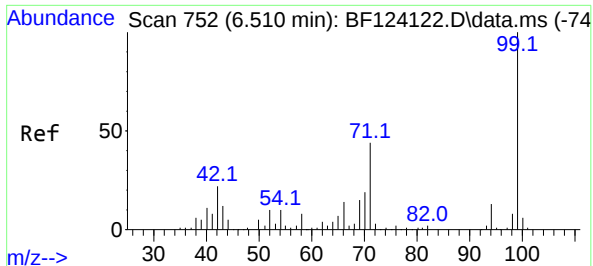
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#5
2-Fluorophenol
Concen: 76.001 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

Tgt Ion:112 Resp: 153165
Ion Ratio Lower Upper
112 100
64 72.0 61.4 92.0
63 42.4 33.0 49.4





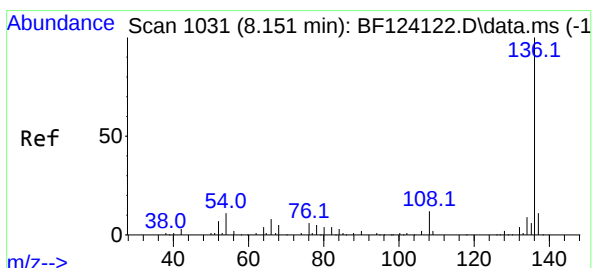
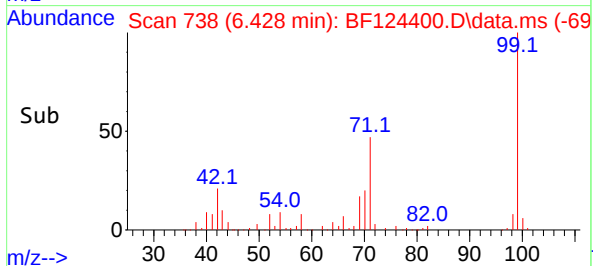
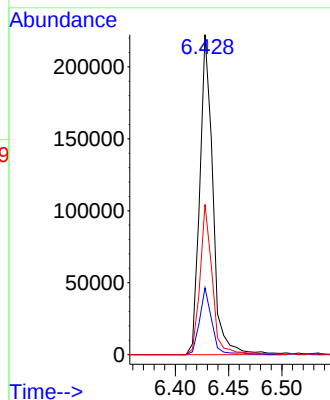
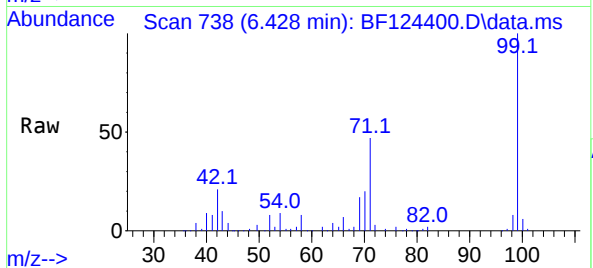
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Phenol-d6
Concen: 70.550 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.017 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

Tgt Ion: 99 Resp: 191110
Ion Ratio Lower Upper
99 100
42 20.9 19.8 29.8
71 47.0 31.1 46.7#

Instrument :
BNA_F
ClientSampled :
SB-6A

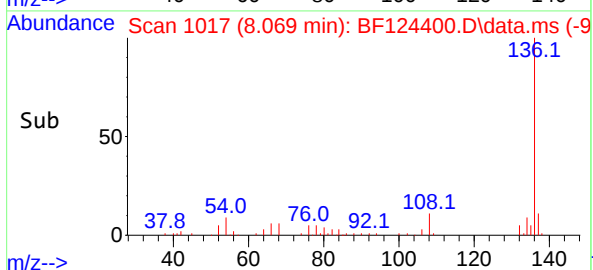
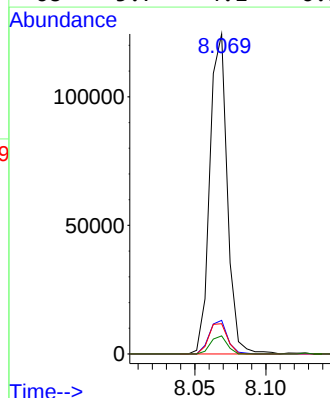
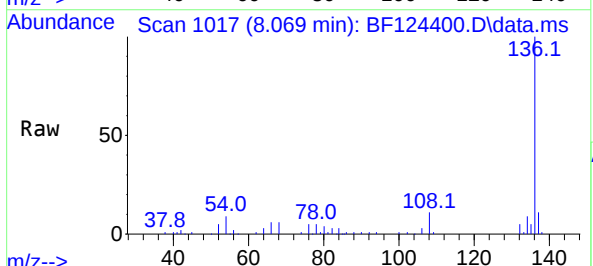
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

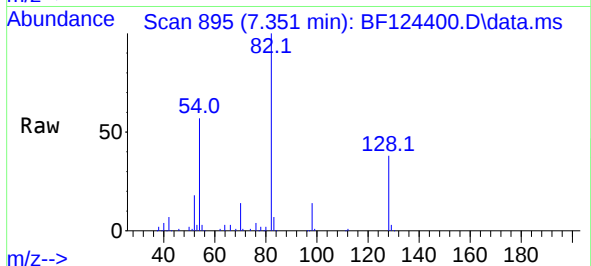
Tgt Ion: 136 Resp: 106166
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 9.5 9.8 14.6#
68 5.7 4.1 6.1





#23
Nitrobenzene-d5
Concen: 54.711 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

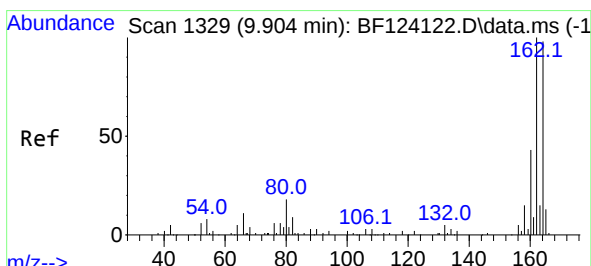
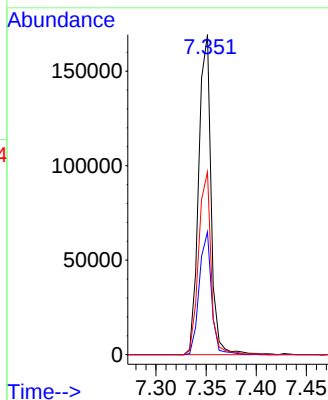
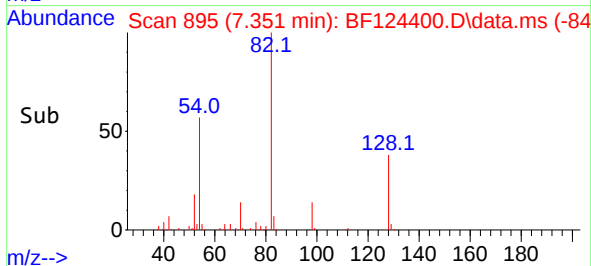
Instrument :
BNA_F
ClientSampled :
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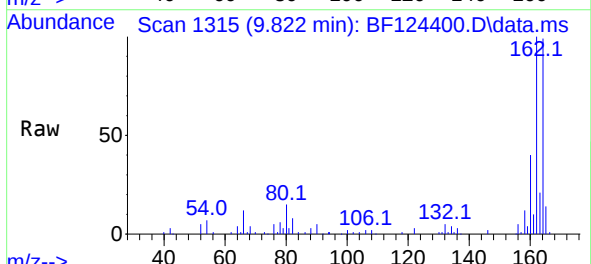
Tgt Ion: 82 Resp: 146450
Ion Ratio Lower Upper
82 100
128 38.3 29.4 44.2
54 57.1 54.1 81.1

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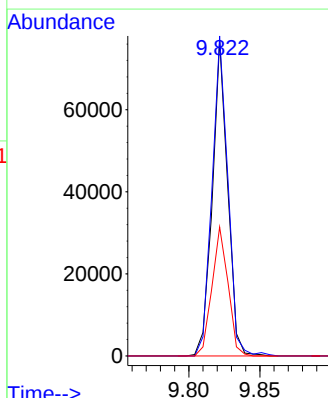
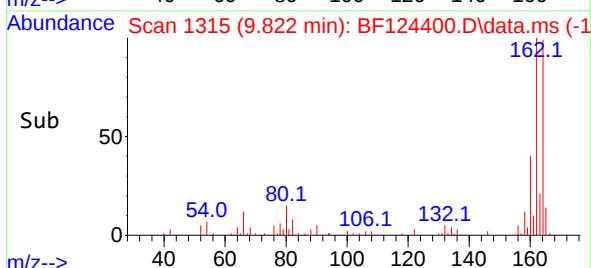
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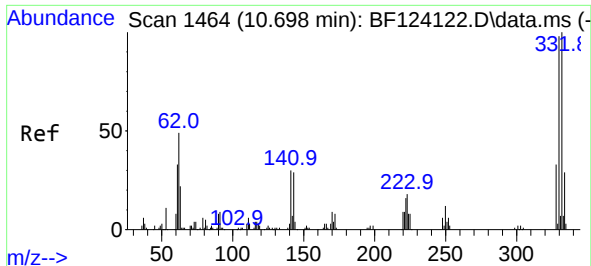


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54



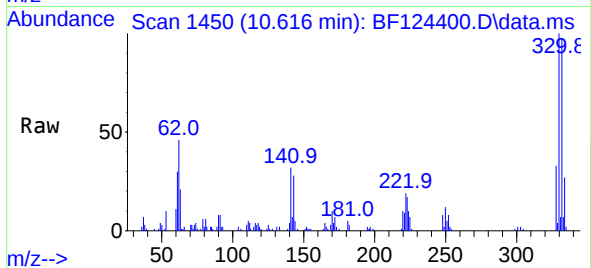
Tgt Ion: 164 Resp: 57877
Ion Ratio Lower Upper
164 100
162 101.4 80.7 121.1
160 40.9 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 59.393 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

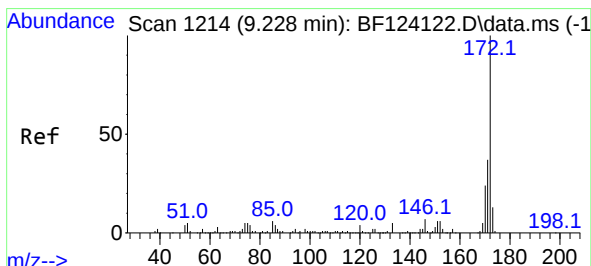
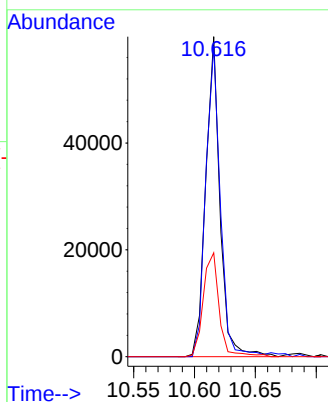
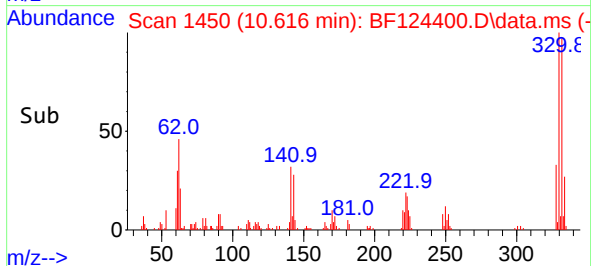
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ClientSampled :
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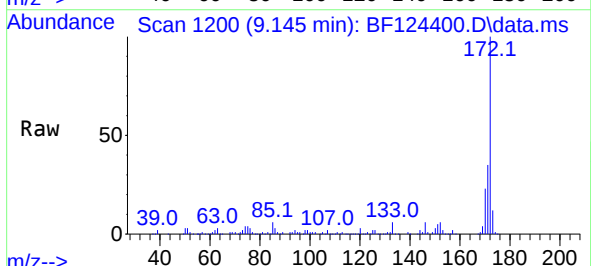
Tgt Ion:330 Resp: 48701
Ion Ratio Lower Upper
330 100
332 98.8 77.1 115.7
141 36.3 27.9 41.9

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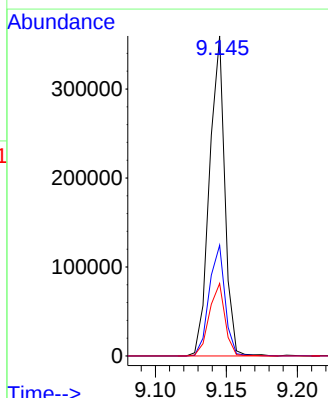
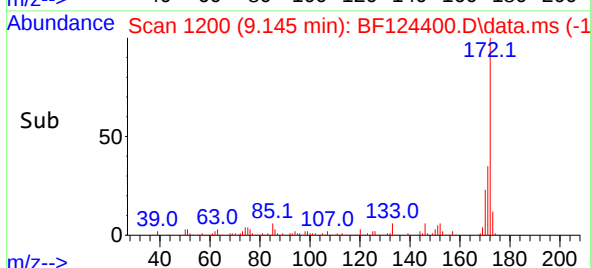
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#45
2-Fluorobiphenyl
Concen: 58.594 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54



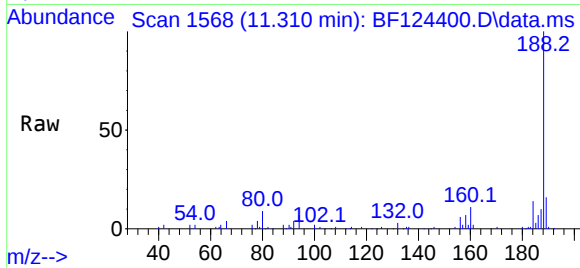
Tgt Ion:172 Resp: 269498
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 22.6 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

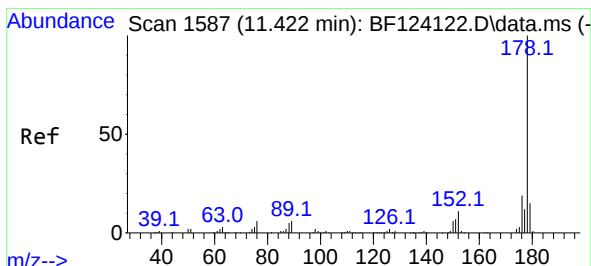
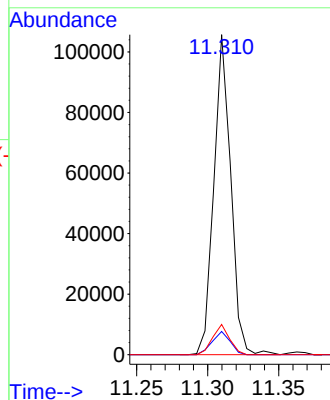
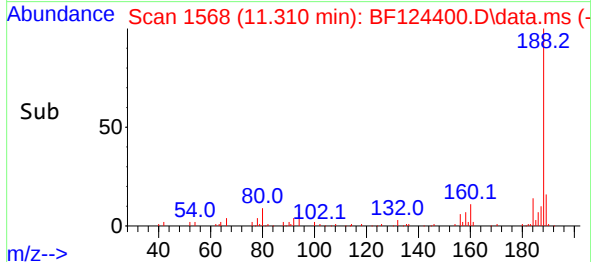
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ClientSampled :
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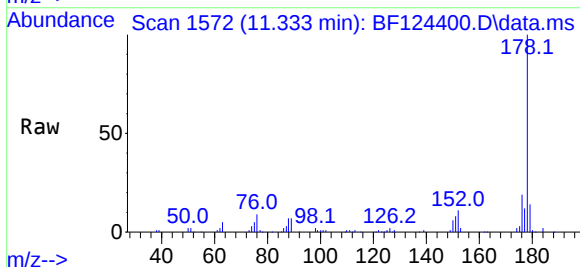
Tgt Ion:188 Resp: 87319
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 9.5 8.2 12.2

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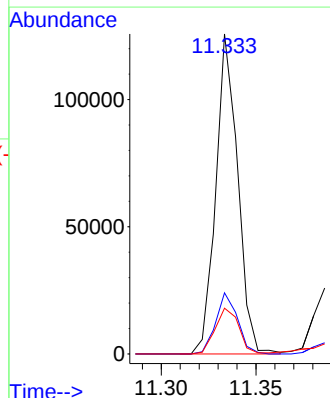
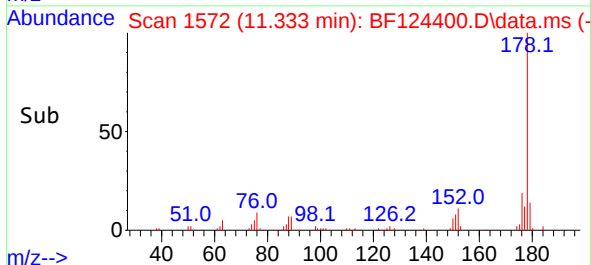
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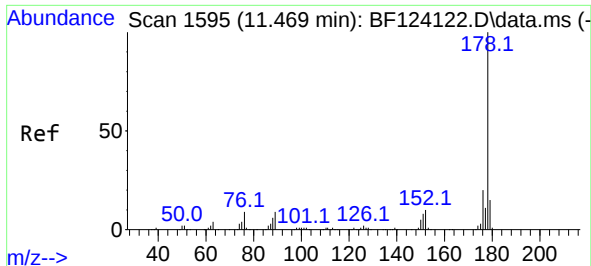


#71
Phenanthrene
Concen: 18.552 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54



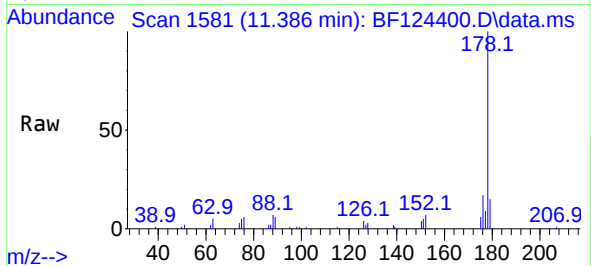
Tgt Ion:178 Resp: 101196
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 14.3 12.5 18.7





#72
 Anthracene
 Concen: 4.091 ng
 RT: 11.386 min Scan# 1581
 Delta R.T. -0.012 min
 Lab File: BF124400.D
 Acq: 21 Jun 2021 18:54

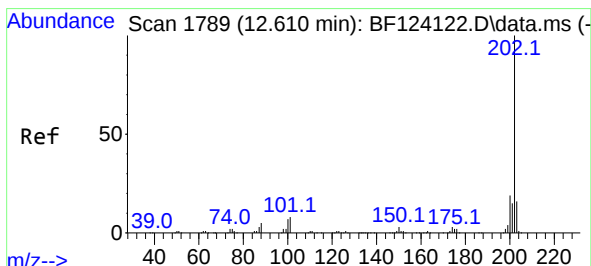
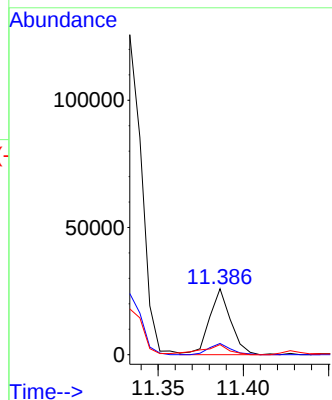
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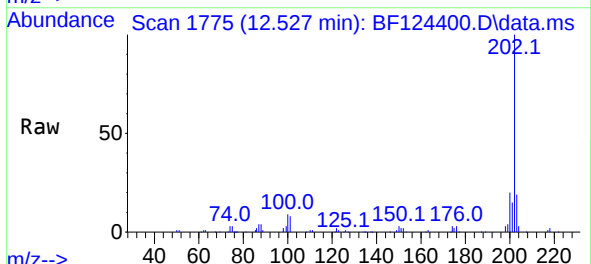
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 Ion Ratio Lower Upper
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 176 17.0 15.4 23.0
 179 15.3 12.6 18.8

Manual Integrations
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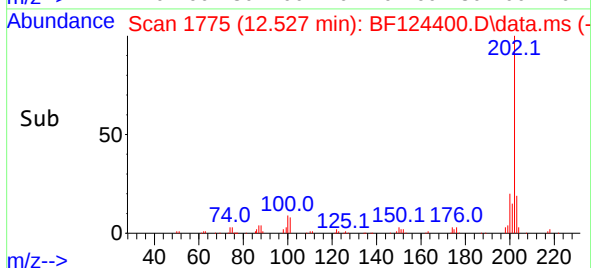
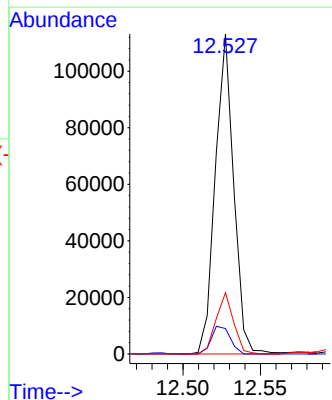
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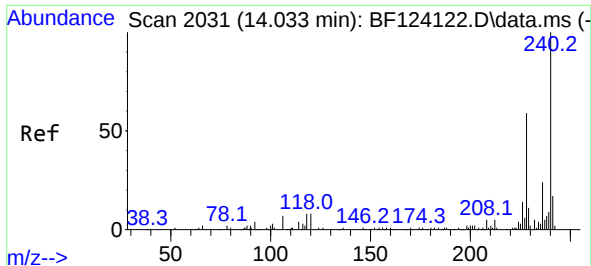


#75
 Fluoranthene
 Concen: 16.335 ng
 RT: 12.527 min Scan# 1775
 Delta R.T. -0.006 min
 Lab File: BF124400.D
 Acq: 21 Jun 2021 18:54



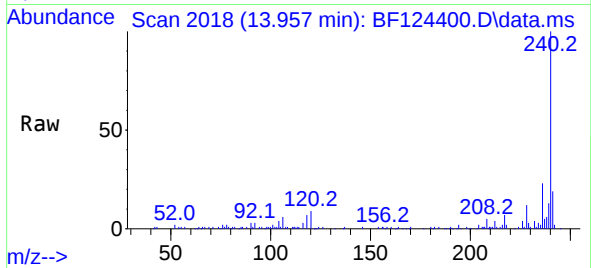
Tgt Ion:202 Resp: 93527
 Ion Ratio Lower Upper
 202 100
 101 8.0 0.0 30.9
 203 19.2 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

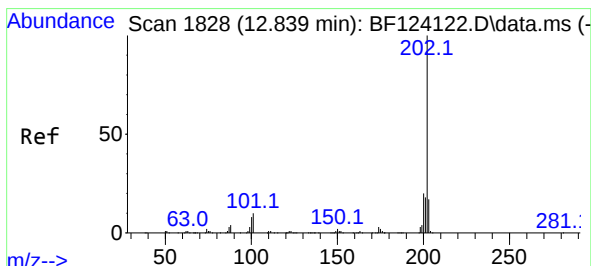
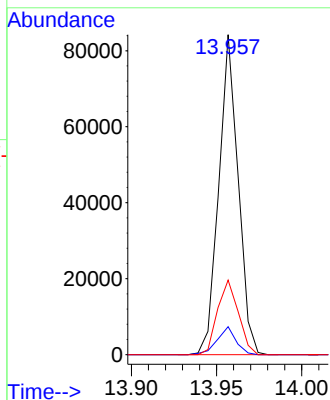
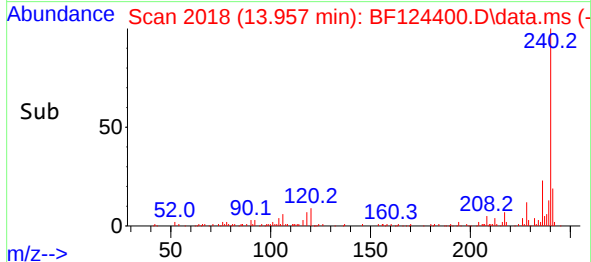
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BNA_F
ClientSampled :
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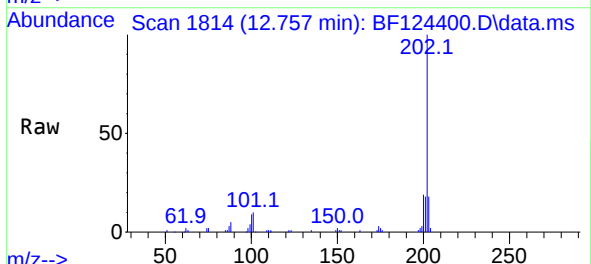
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Ion Ratio Lower Upper
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236 23.3 19.0 28.4

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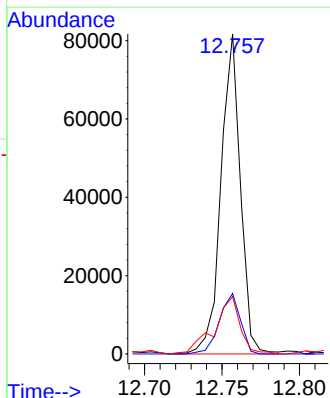
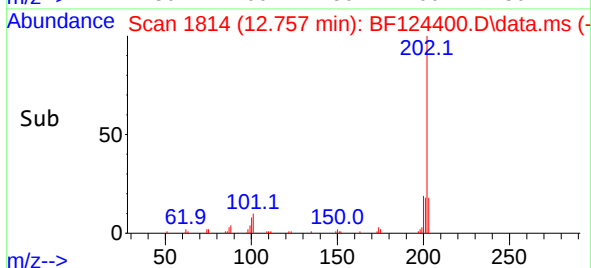
mohammad
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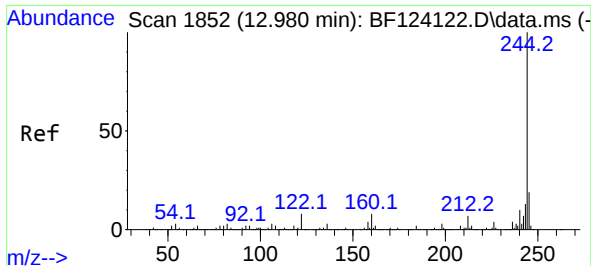


#78
Pyrene
Concen: 11.144 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54



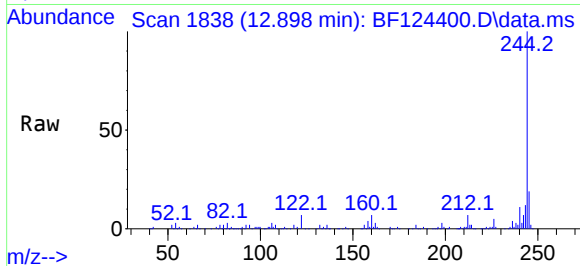
Tgt Ion:202 Resp: 71319
Ion Ratio Lower Upper
202 100
200 18.9 16.1 24.1
203 18.0 14.8 22.2





#79
Terphenyl-d14
Concen: 43.343 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

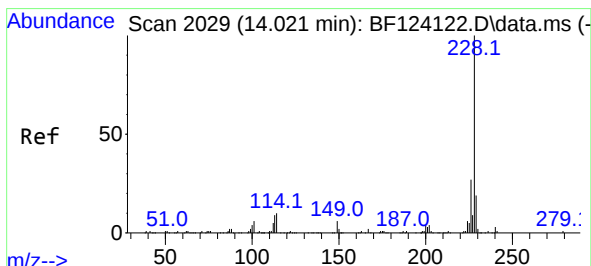
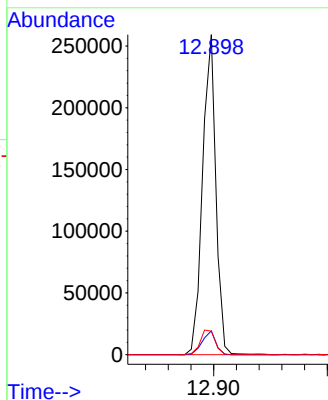
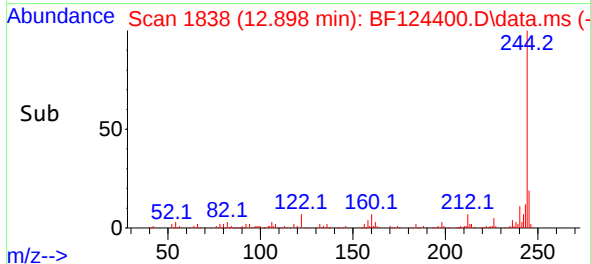
Instrument :
BNA_F
ClientSampled :
SB-6A



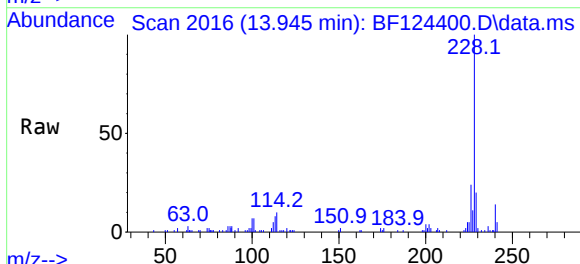
Tgt Ion:244 Resp: 210387
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 7.3 9.7 14.5#

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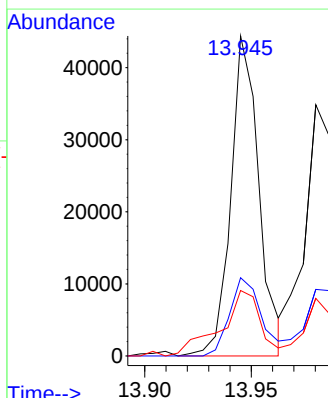
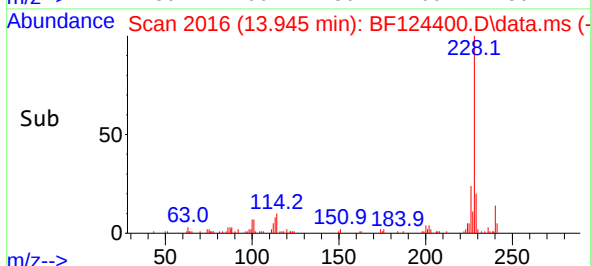
mohammad
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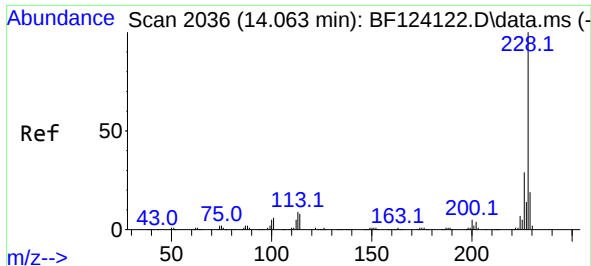


#81
Benzo(a)anthracene
Concen: 8.392 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54



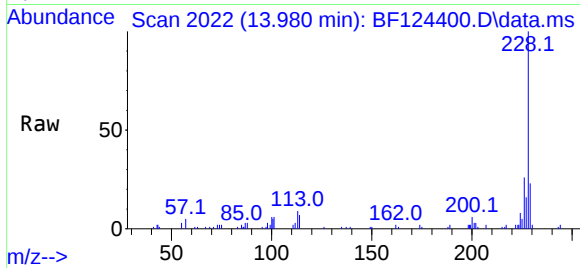
Tgt Ion:228 Resp: 40744
Ion Ratio Lower Upper
228 100
226 24.5 22.4 33.6
229 20.5 16.0 24.0





#83
Chrysene
Concen: 7.480 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

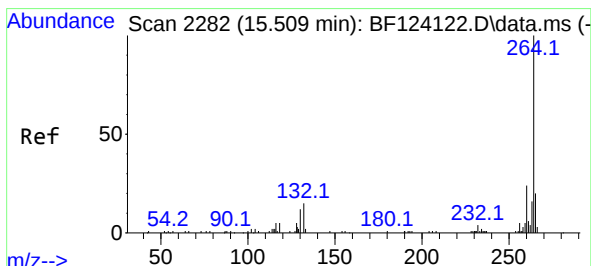
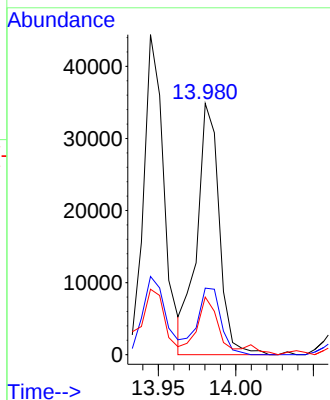
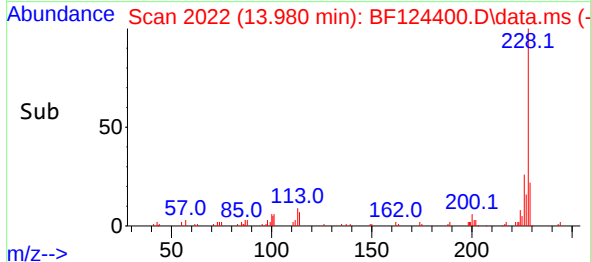
Instrument :
BNA_F
ClientSampled :
SB-6A



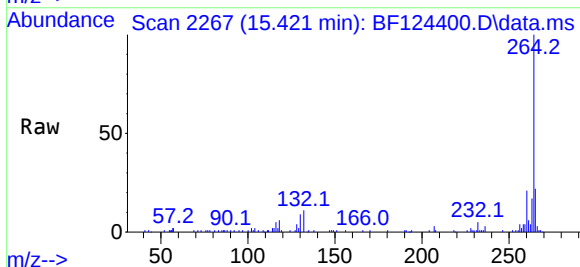
Tgt Ion:228 Resp: 35036
Ion Ratio Lower Upper
228 100
226 26.5 24.3 36.5
229 22.9 16.2 24.2

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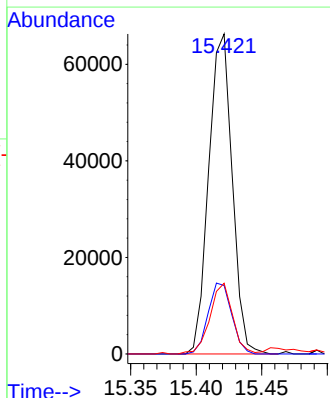
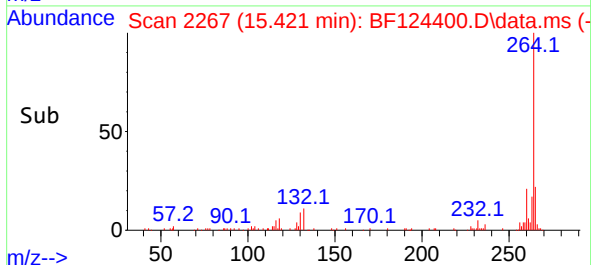
mohammad
6/23/2021 11:48:12 AM

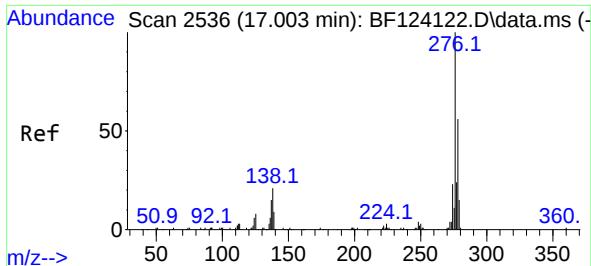


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54



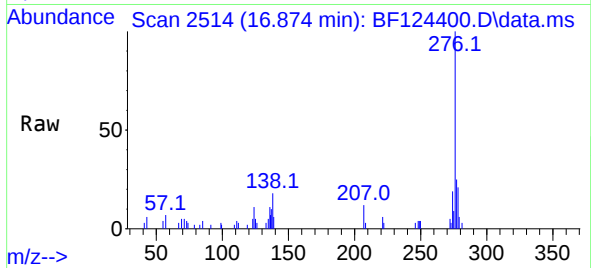
Tgt Ion:264 Resp: 82596
Ion Ratio Lower Upper
264 100
260 21.4 18.7 28.1
265 22.1 17.8 26.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 7.570 ng
RT: 16.874 min Scan# 2514
Delta R.T. 0.000 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

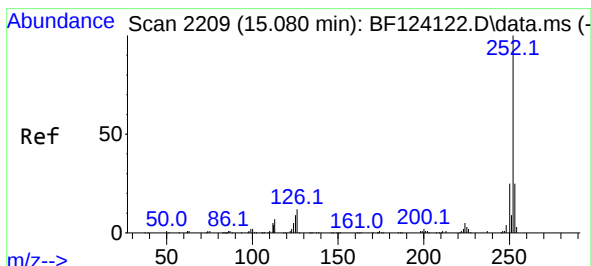
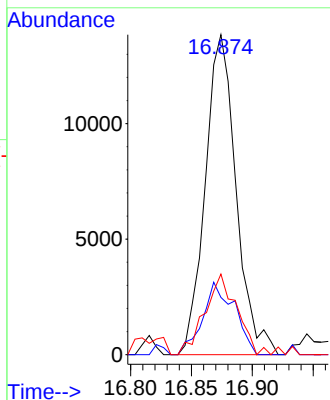
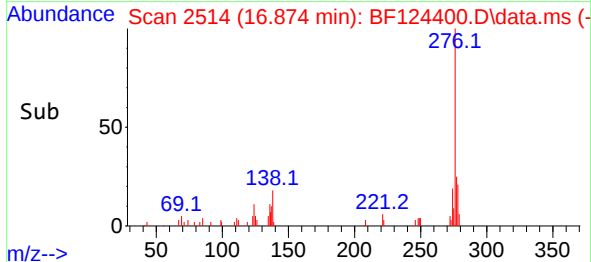
Instrument :
BNA_F
ClientSampled :
SB-6A



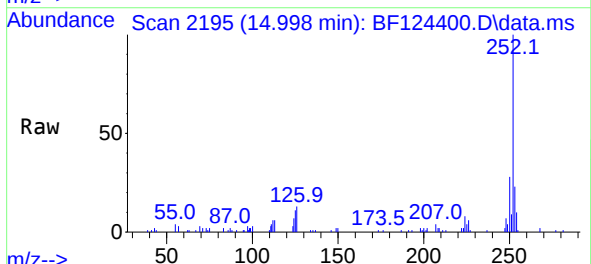
Tgt Ion: 276 Resp: 24442
Ion Ratio Lower Upper
276 100
138 23.4 16.2 24.2
277 26.1 20.1 30.1

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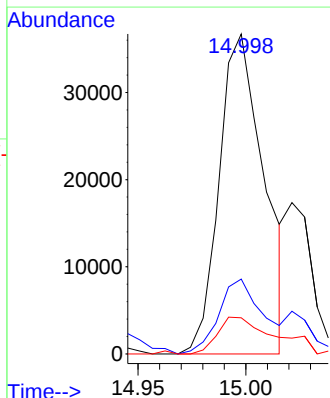
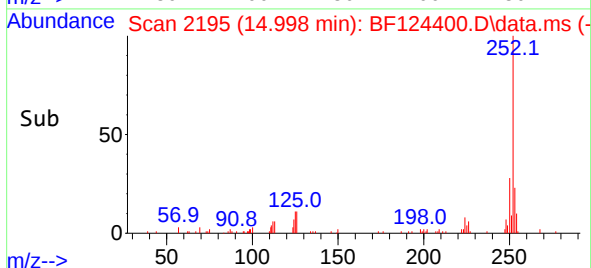
mohammad
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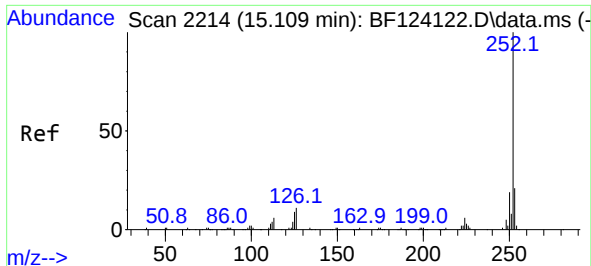


#88
Benzo(b)fluoranthene
Concen: 8.302 ng m
RT: 14.998 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54



Tgt Ion: 252 Resp: 53264
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 11.3 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 2.437 ng m

RT: 15.021 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF124400.D

Acq: 21 Jun 2021 18:54

Tgt Ion:252	Resp:	14803
Ion Ratio	Lower	Upper
252	100	
253	28.3	17.9 26.9#
125	10.5	7.0 10.6

Instrument :

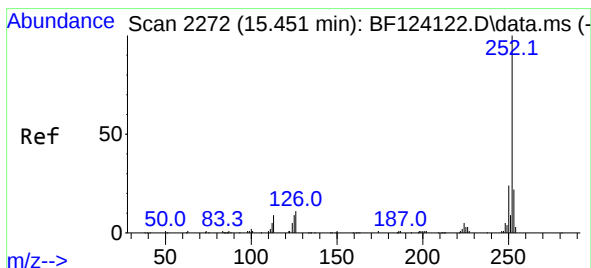
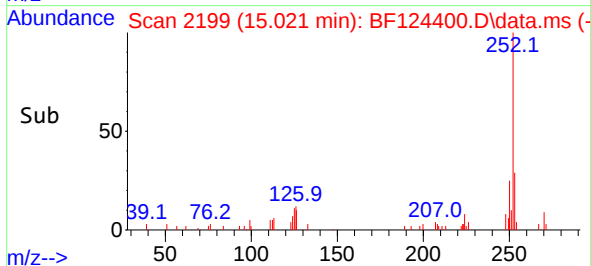
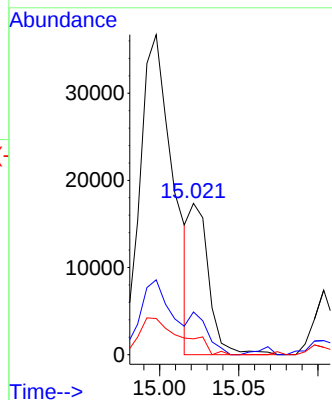
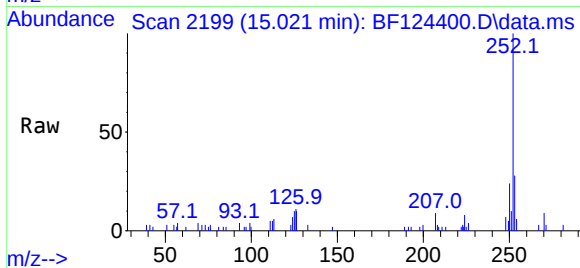
BNA_F

ClientSampled :

SB-6A

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 6.123 ng m

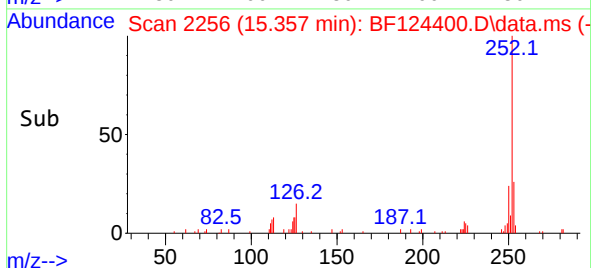
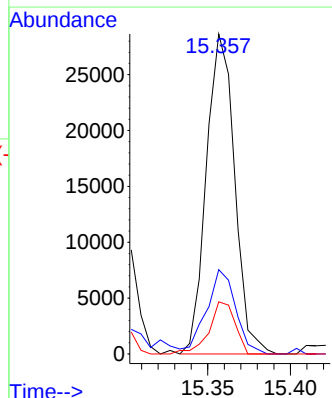
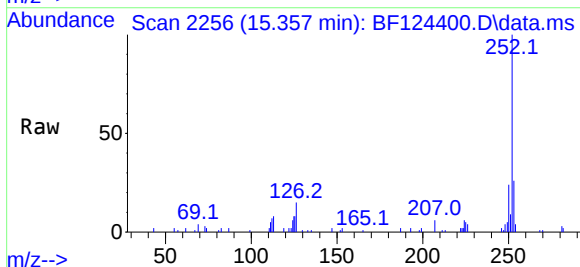
RT: 15.357 min Scan# 2256

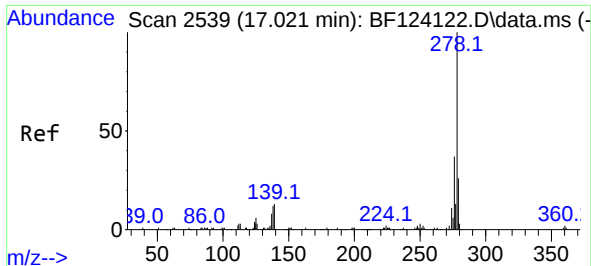
Delta R.T. 0.000 min

Lab File: BF124400.D

Acq: 21 Jun 2021 18:54

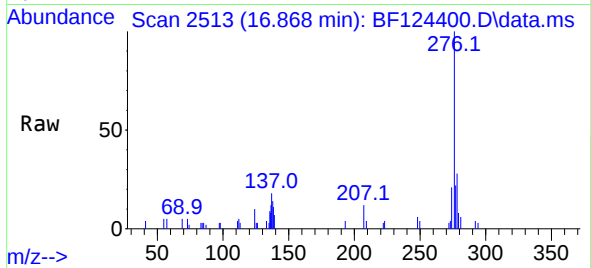
Tgt Ion:252	Resp:	34124
Ion Ratio	Lower	Upper
252	100	
253	26.3	18.4 27.6
125	8.2	8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 5.470 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.017 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

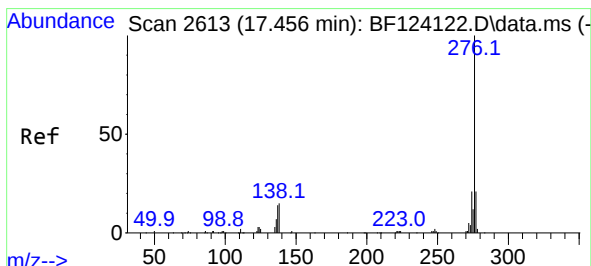
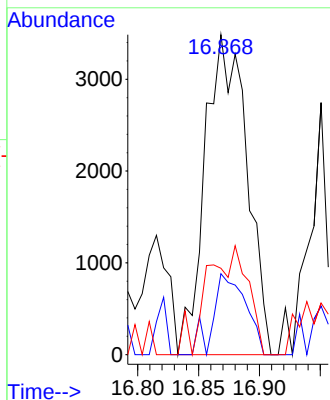
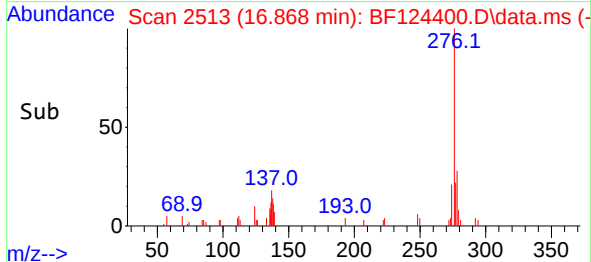
Instrument :
BNA_F
ClientSampled :
SB-6A



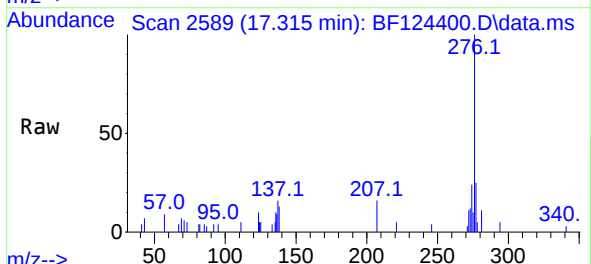
Tgt Ion:278 Resp: 8323
Ion Ratio Lower Upper
278 100
139 25.3 10.2 15.2#
279 27.0 19.4 29.0

Manual Integrations
APPROVED

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6/23/2021 11:48:12 AM



#92
Benzo(g,h,i)perylene
Concen: 6.872 ng
RT: 17.315 min Scan# 2589
Delta R.T. 0.000 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54



Tgt Ion:276 Resp: 19275
Ion Ratio Lower Upper
276 100
277 25.3 18.2 27.2
138 13.2 13.8 20.6#

