

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134302.D
 Acq On : 14 Jul 2023 21:53
 Operator : CG\JU
 Sample : 03565-01DL 4X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAT-DIS-01-7-10-2023DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Jul 14 22:44:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 17:58:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							07/15/2023
1) 1,4-Dichlorobenzene-d4	6.839	152	77112	20.000	ng	0.00	Supervised By :mohammad
21) Naphthalene-d8	8.122	136	292465	20.000	ng	0.00	Unmed
39) Acenaphthene-d10	9.880	164	142048	20.000	ng	0.00	
64) Phenanthrene-d10	11.374	188	257736	20.000	ng	0.00	
76) Chrysene-d12	14.039	240	174740	20.000	ng	0.00	
86) Perylene-d12	15.545	264	140586	20.000	ng	0.00	07/19/2023
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	109722	23.802	ng	0.00	
7) Phenol-d6	6.475	99	136402	24.060	ng	-0.01	
23) Nitrobenzene-d5	7.398	82	88459	16.304	ng	-0.01	
42) 2,4,6-Tribromophenol	10.669	330	41893	23.522	ng	-0.01	
45) 2-Fluorobiphenyl	9.192	172	148155	15.164	ng	-0.01	
79) Terphenyl-d14	12.968	244	130949	12.061	ng	0.00	
Target Compounds							Qvalue
49) Acenaphthylene	9.739	152	37227	2.614	ng		98
52) Acenaphthene	9.910	154	29769	3.602	ng		94
55) Dibenzofuran	10.086	168	34554	2.675	ng	#	96
58) Fluorene	10.427	166	62366	6.207	ng		97
71) Phenanthrene	11.398	178	503739	38.824	ng		99
72) Anthracene	11.451	178	112034	8.302	ng		100
73) Carbazole	11.610	167	48406	3.919	ng		97
75) Fluoranthene	12.598	202	584346	41.659	ng		98
78) Pyrene	12.833	202	593697	36.508	ng		99
81) Benzo(a)anthracene	14.027	228	244324	20.161	ng		99
83) Chrysene	14.063	228	226918	19.333	ng		98
87) Indeno(1,2,3-cd)pyrene	17.092	276	67952	6.966	ng	#	94
88) Benzo(b)fluoranthene	15.104	252	188962m	22.859	ng		
89) Benzo(k)fluoranthene	15.127	252	51369m	6.103	ng		
90) Benzo(a)pyrene	15.480	252	133305	16.676	ng		97
91) Dibenzo(a,h)anthracene	17.092	278	18705	2.348	ng	#	90
92) Benzo(g,h,i)perylene	17.562	276	66531	8.097	ng		96

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

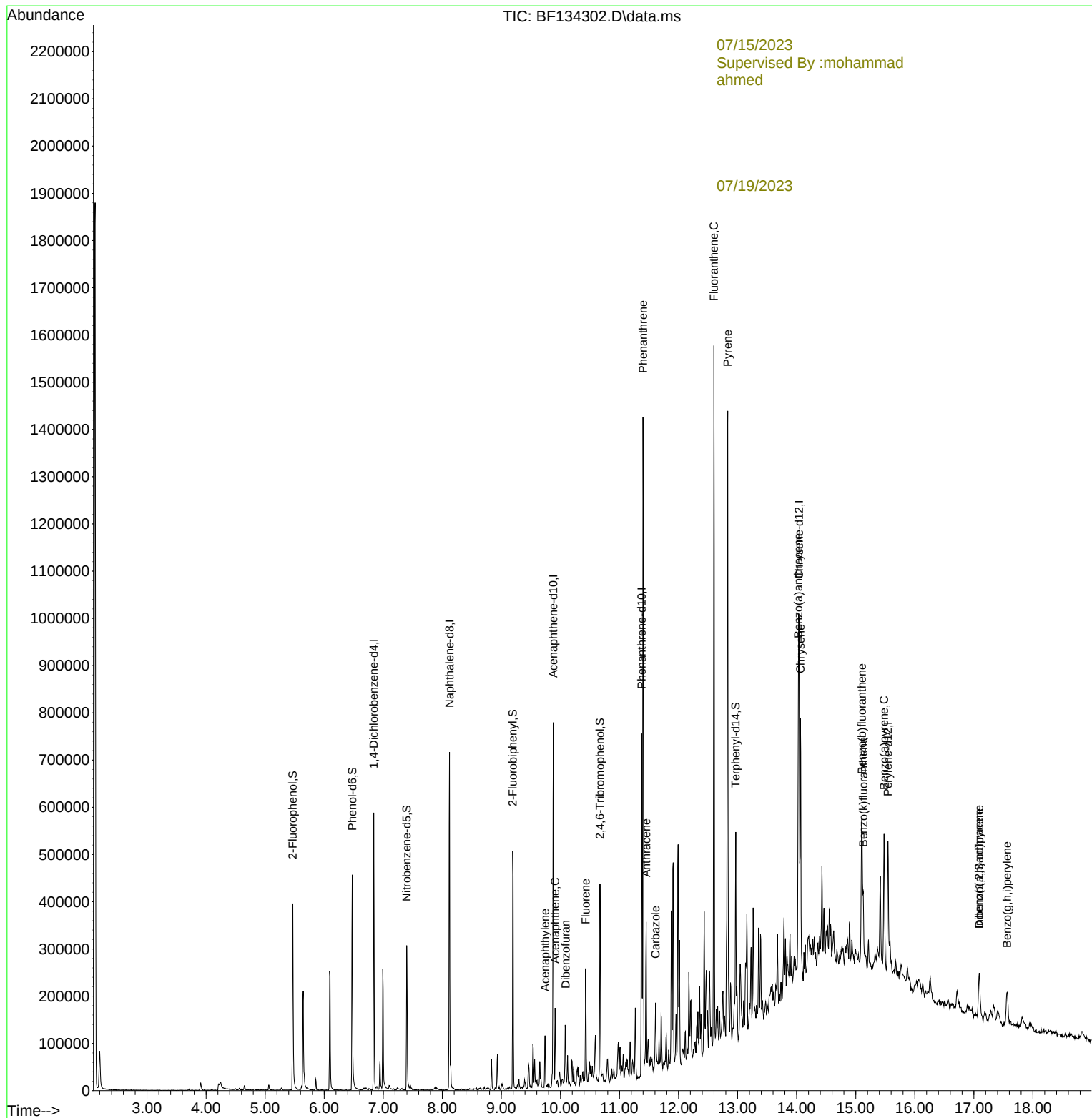
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
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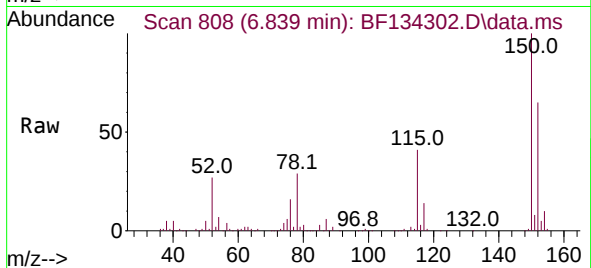
Reviewed By :Jagrut
Upadhyay





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134302.D
Acq: 14 Jul 2023 21:53

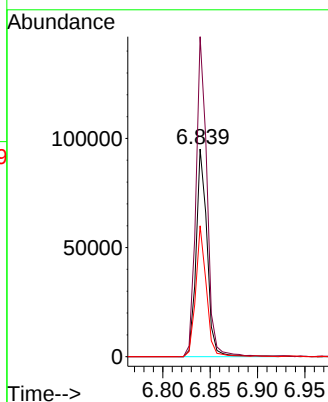
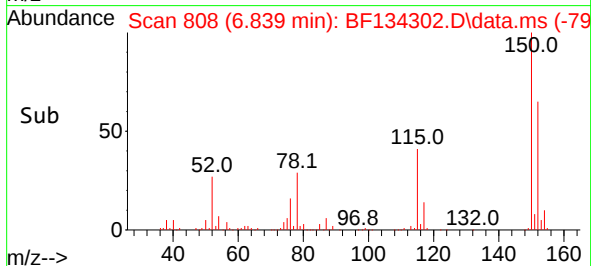
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-7-10-2023DL



Tgt Ion:152 Resp: 7711
Ion Ratio Lower Upper
152 100
150 154.0 124.5 186.7
115 63.0 50.2 75.2

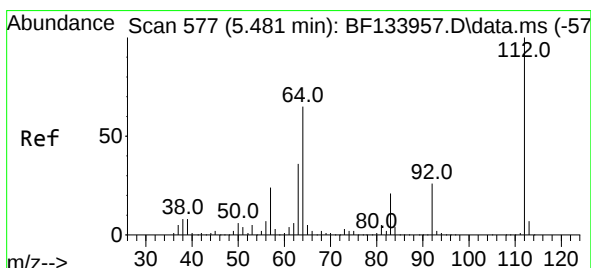
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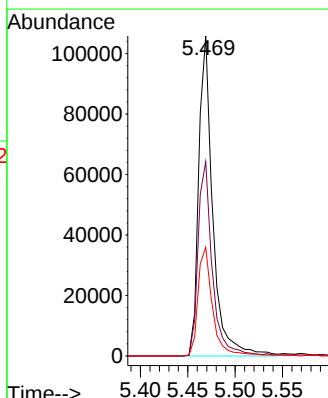
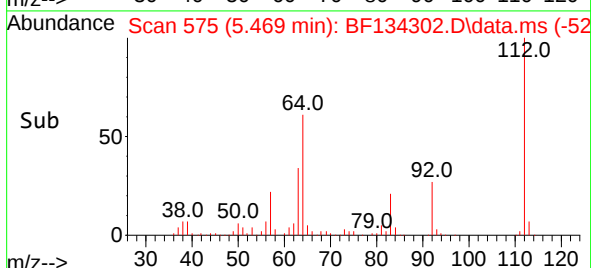
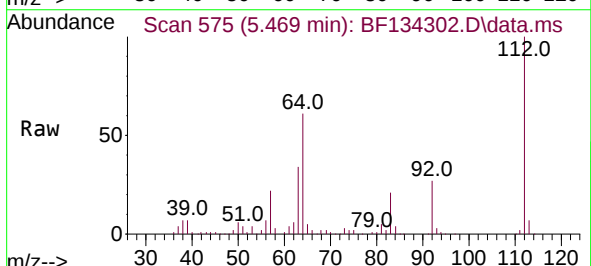
07/15/2023
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ahmed

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#5
2-Fluorophenol
Concen: 23.802 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.000 min
Lab File: BF134302.D
Acq: 14 Jul 2023 21:53

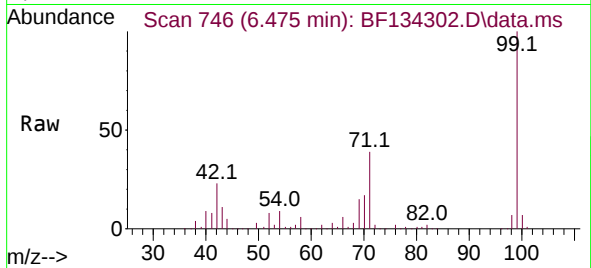
Tgt Ion:112 Resp: 109722
Ion Ratio Lower Upper
112 100
64 60.7 52.1 78.1
63 34.0 28.6 42.8





#7
Phenol-d6
Concen: 24.060 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134302.D
Acq: 14 Jul 2023 21:53

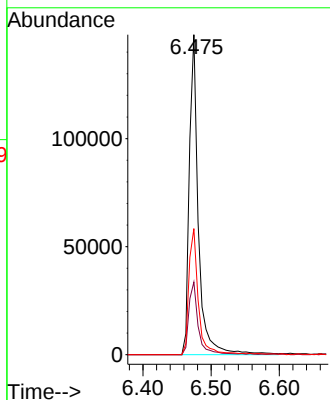
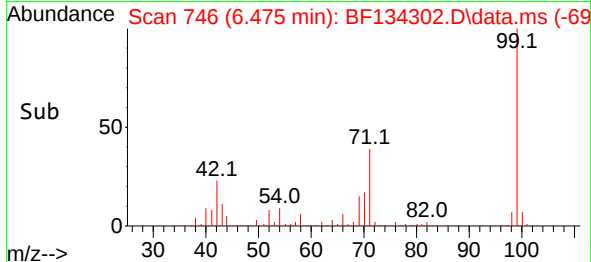
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-7-10-2023DL



Tgt Ion: 99 Resp: 136402
Ion Ratio Lower Upper
99 100
42 22.7 19.8 29.6
71 39.4 31.9 47.9

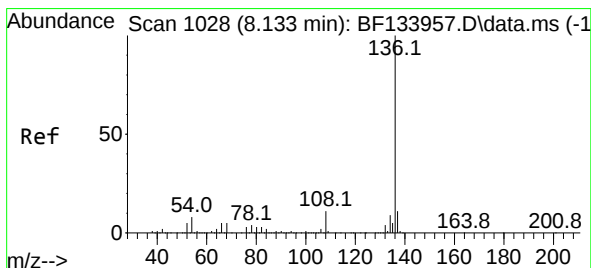
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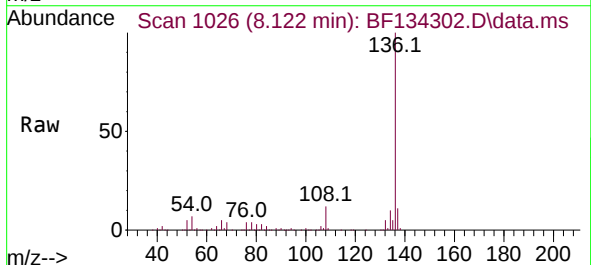


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Supervised By :mohammad
ahmed

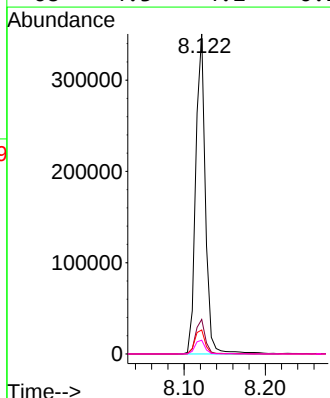
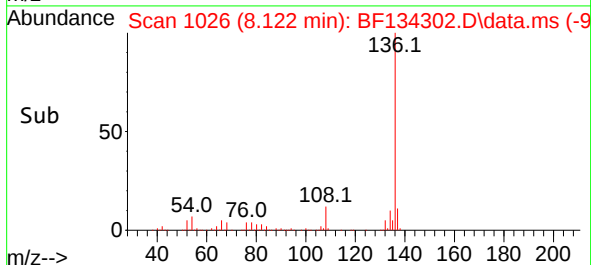
07/19/2023

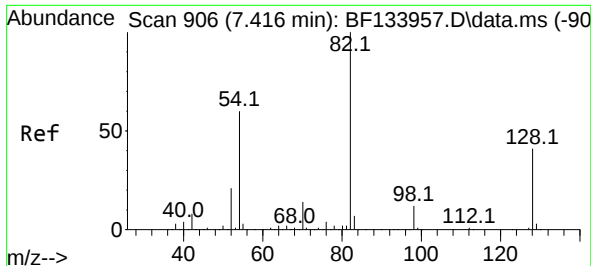


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF134302.D
Acq: 14 Jul 2023 21:53



Tgt Ion:136 Resp: 292465
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.5 6.5 9.7
68 4.3 4.2 6.2





#23

Nitrobenzene-d5

Concen: 16.304 ng

RT: 7.398 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134302.D

Acq: 14 Jul 2023 21:53

Instrument :

BNA_F

ClientSampleId :

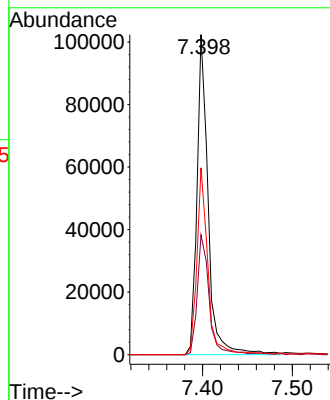
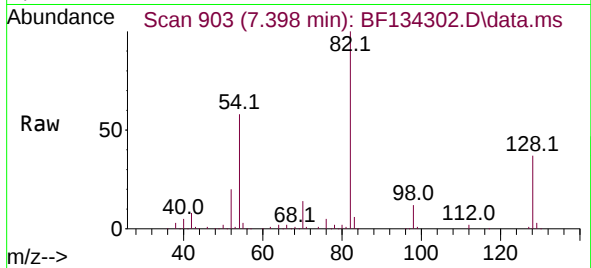
PAT-DIS-01-7-10-2023DL

Tgt Ion: 82 Resp: 88459

Ion	Ratio	Lower	Upper
82	100		
128	37.5	32.5	48.7
54	58.4	48.2	72.2

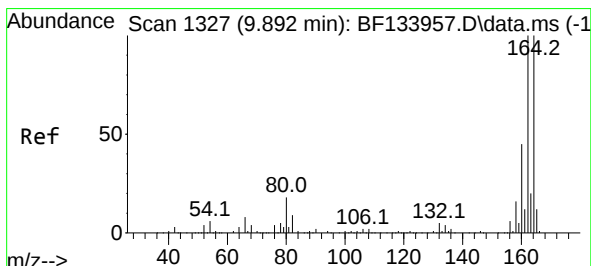
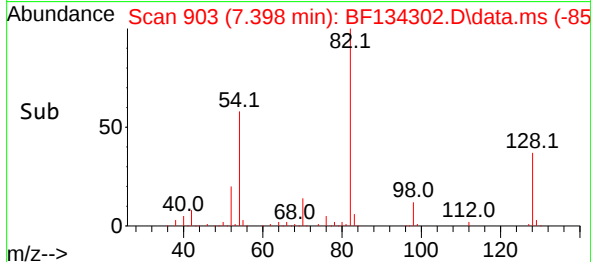
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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

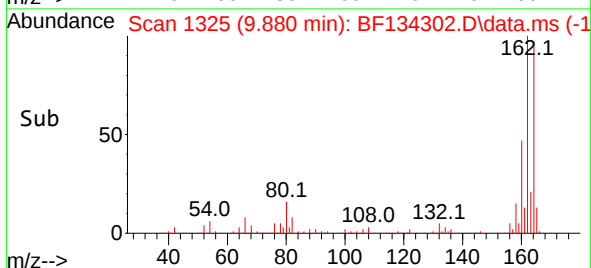
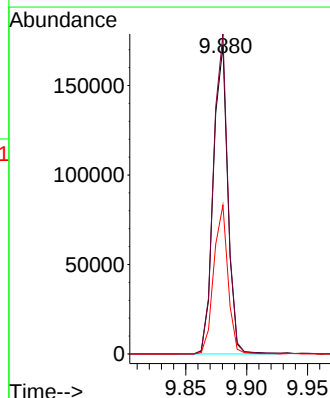
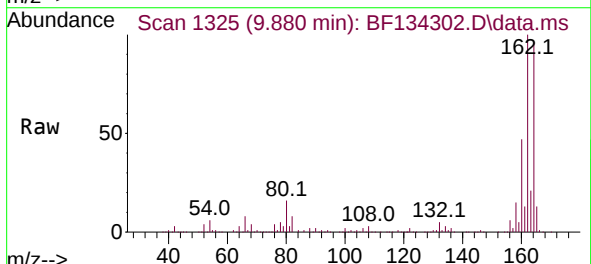
Delta R.T. 0.000 min

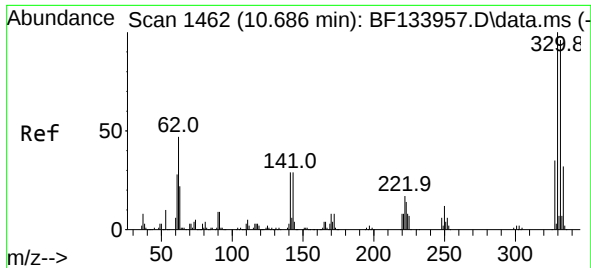
Lab File: BF134302.D

Acq: 14 Jul 2023 21:53

Tgt Ion:164 Resp: 142048

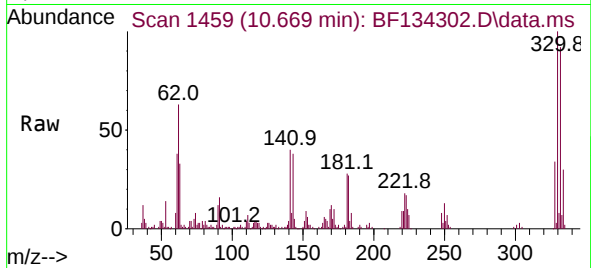
Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.0	120.0
160	48.3	35.9	53.9





#42
2,4,6-Tribromophenol
Concen: 23.522 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134302.D
Acq: 14 Jul 2023 21:53

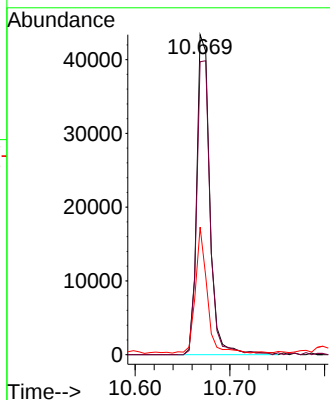
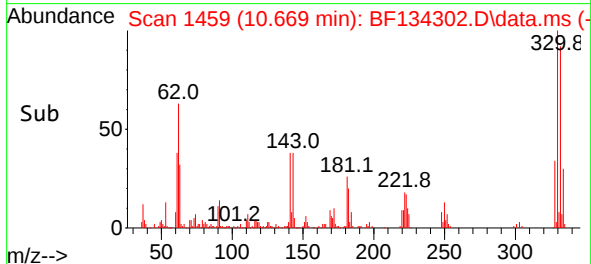
Instrument : BNA_F
ClientSampleId : PAT-DIS-01-7-10-2023DL



Tgt Ion: 330 Resp: 4189
Ion Ratio Lower Upper
330 100
332 94.5 77.0 115.6
141 34.7 26.3 39.5

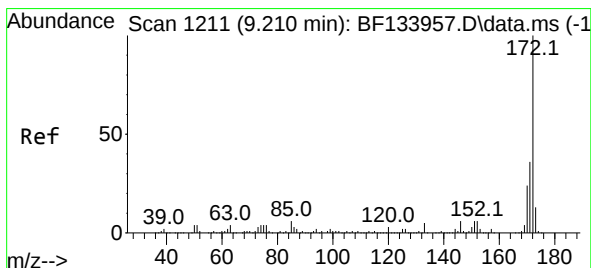
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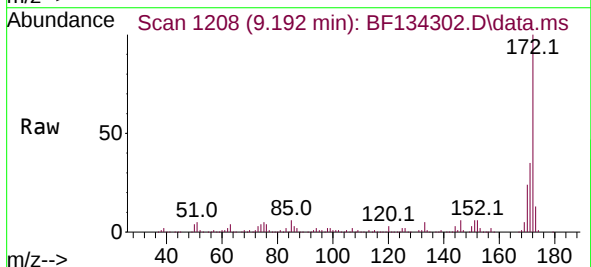


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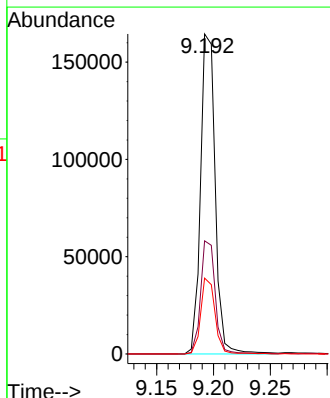
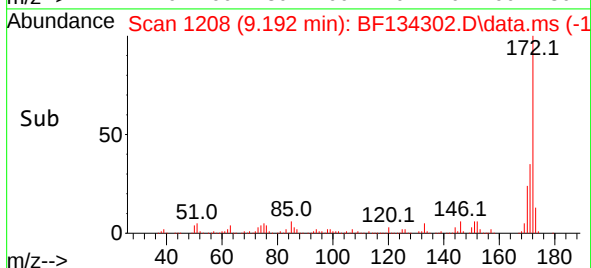
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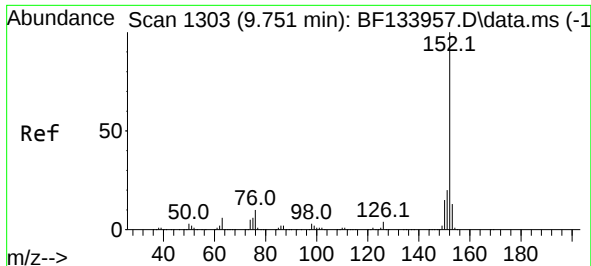


#45
2-Fluorobiphenyl
Concen: 15.164 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134302.D
Acq: 14 Jul 2023 21:53



Tgt Ion: 172 Resp: 148155
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.7 19.4 29.0





#49

Acenaphthylene

Concen: 2.614 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134302.D

Acq: 14 Jul 2023 21:53

Instrument :

BNA_F

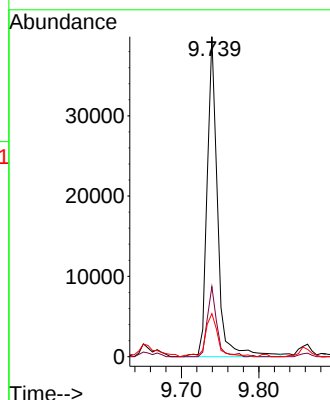
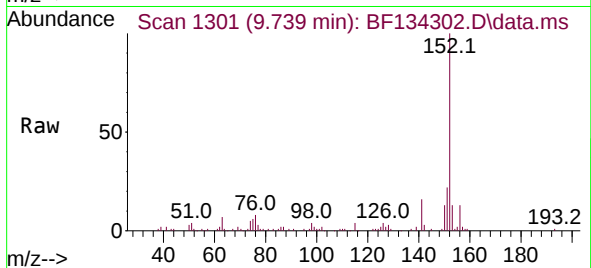
ClientSampleId :

PAT-DIS-01-7-10-2023DL

Tgt Ion:152	Resp:	3722
Ion Ratio	Lower	Upper
152	100	
151	21.9	16.2 24.2
153	13.4	10.8 16.2

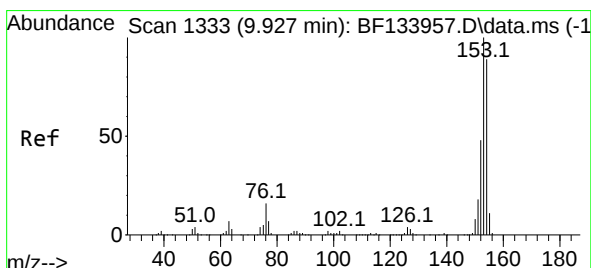
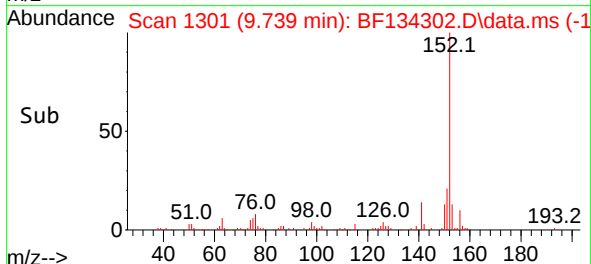
Manual Integrations
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#52

Acenaphthene

Concen: 3.602 ng

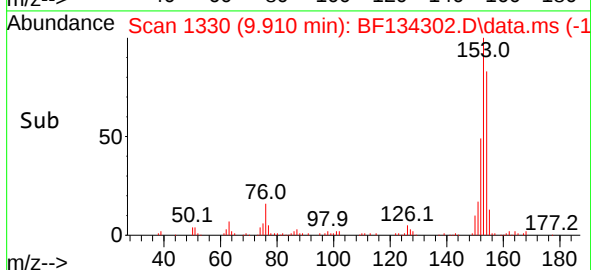
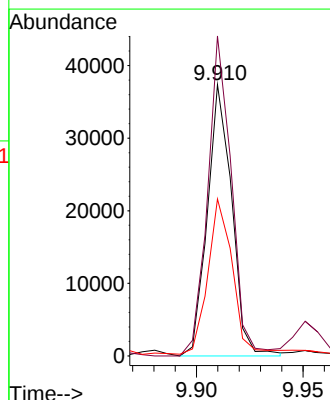
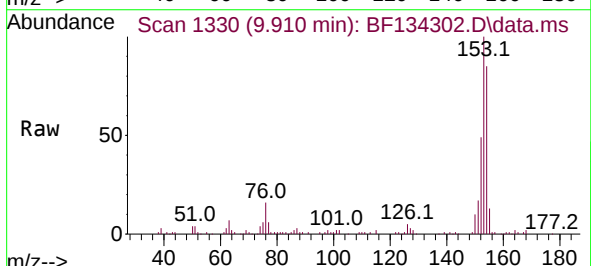
RT: 9.910 min Scan# 1330

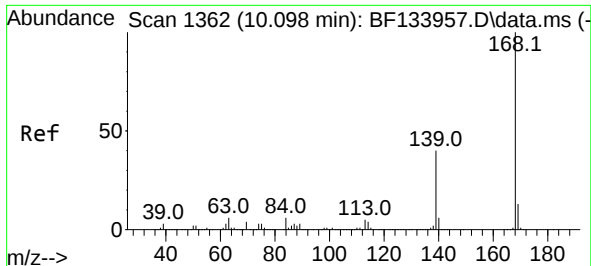
Delta R.T. -0.006 min

Lab File: BF134302.D

Acq: 14 Jul 2023 21:53

Tgt Ion:154	Resp:	29769
Ion Ratio	Lower	Upper
154	100	
153	117.9	89.4 134.2
152	57.9	42.8 64.2





#55

Dibenzenofuran

Concen: 2.675 ng

RT: 10.086 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134302.D

Acq: 14 Jul 2023 21:53

Instrument :

BNA_F

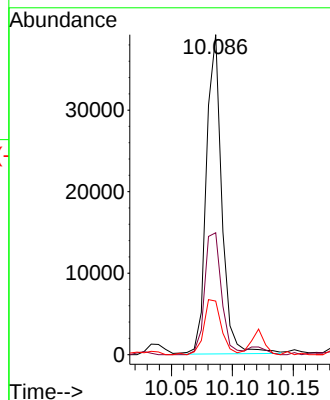
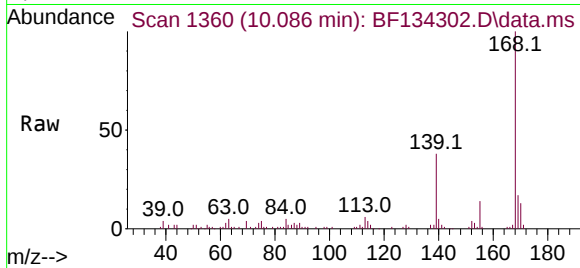
ClientSampleId :

PAT-DIS-01-7-10-2023DL

Tgt Ion:168	Resp:	34554
Ion Ratio	Lower	Upper
168	100	
139	38.1	32.0 48.0
169	16.7	10.6 16.0

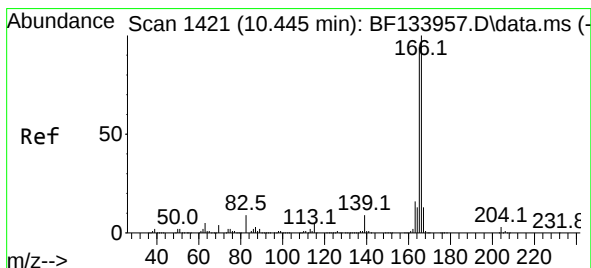
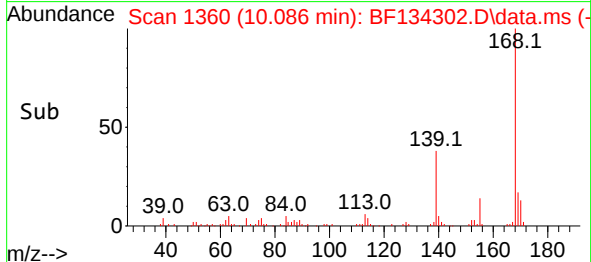
Manual Integrations
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#58

Fluorene

Concen: 6.207 ng

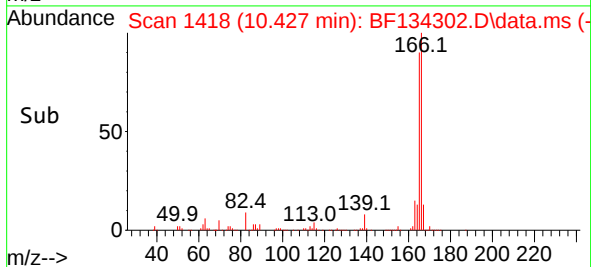
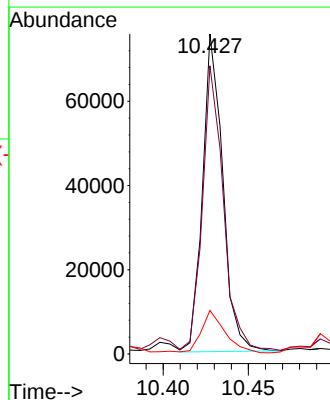
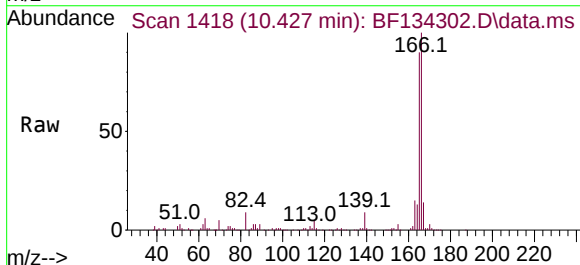
RT: 10.427 min Scan# 1418

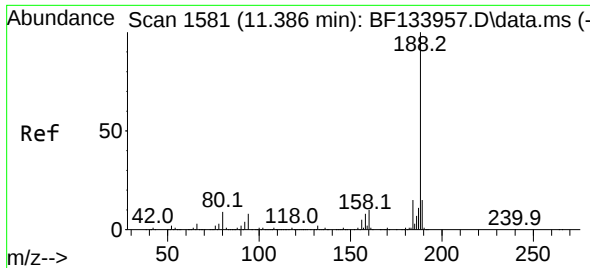
Delta R.T. -0.006 min

Lab File: BF134302.D

Acq: 14 Jul 2023 21:53

Tgt Ion:166	Resp:	62366
Ion Ratio	Lower	Upper
166	100	
165	90.1	75.0 112.4
167	13.6	10.6 15.8





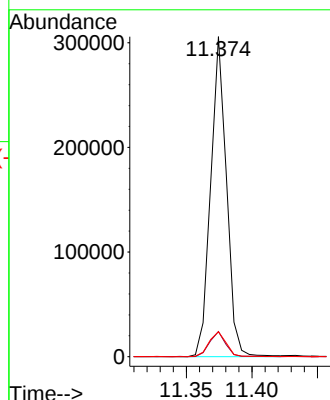
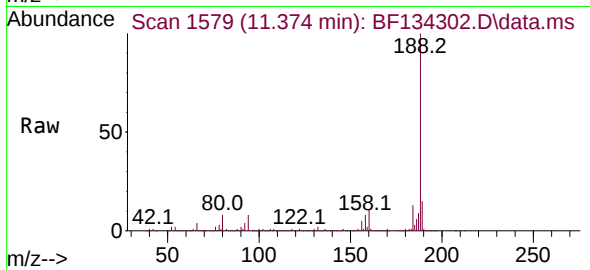
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134302.D
Acq: 14 Jul 2023 21:53

Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-7-10-2023DL

Tgt Ion:188 Resp: 257730
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 7.8 7.3 10.9

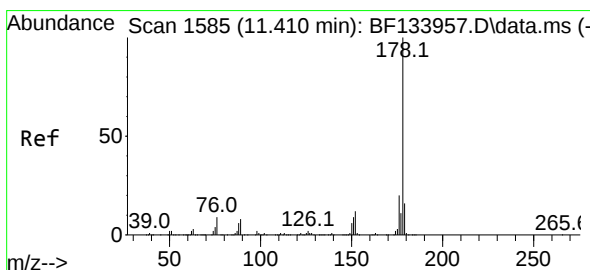
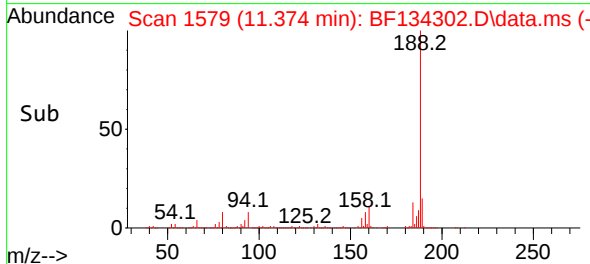
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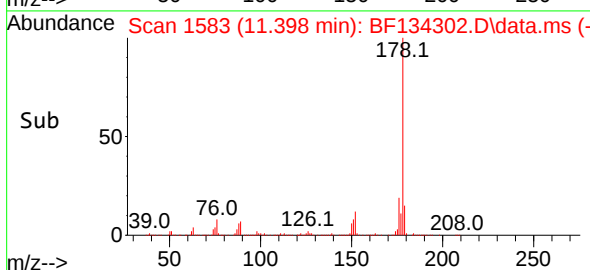
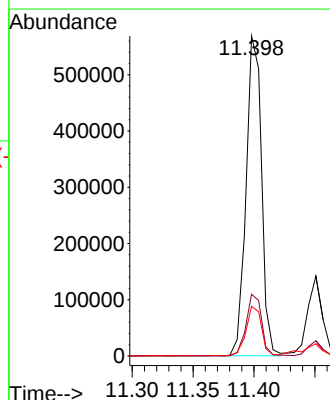
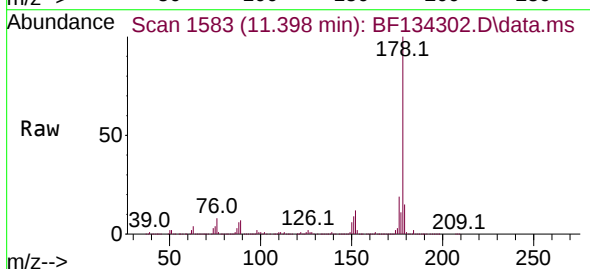
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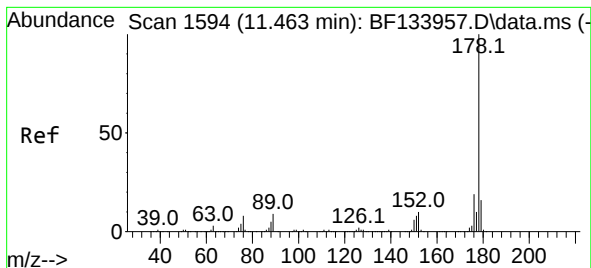
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#71
Phenanthrene
Concen: 38.824 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF134302.D
Acq: 14 Jul 2023 21:53

Tgt Ion:178 Resp: 503739
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 15.5 12.4 18.6





#72

Anthracene

Concen: 8.302 ng

RT: 11.451 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134302.D

Acq: 14 Jul 2023 21:53

Instrument :

BNA_F

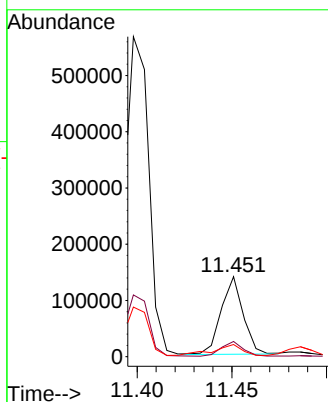
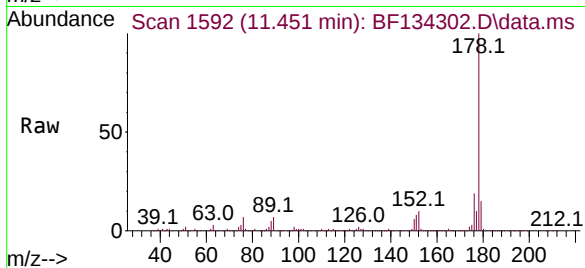
ClientSampleId :

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Tgt Ion:178 Resp: 112034
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.3 22.9
 179 15.3 12.4 18.6

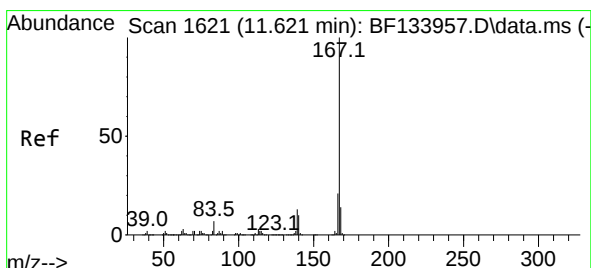
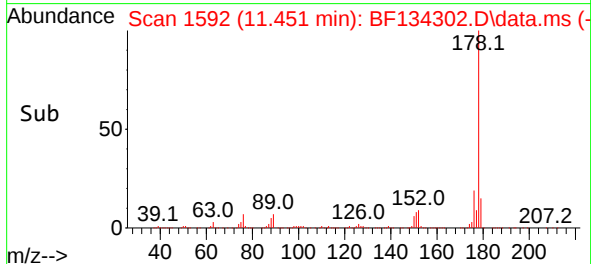
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#73

Carbazole

Concen: 3.919 ng

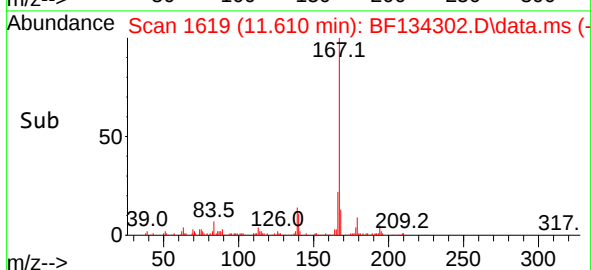
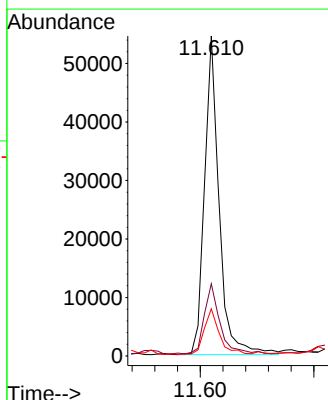
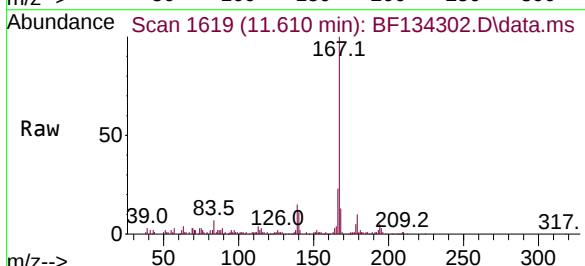
RT: 11.610 min Scan# 1619

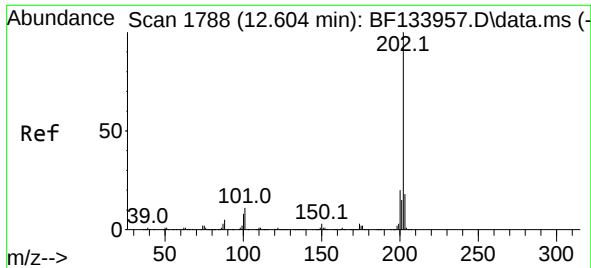
Delta R.T. -0.006 min

Lab File: BF134302.D

Acq: 14 Jul 2023 21:53

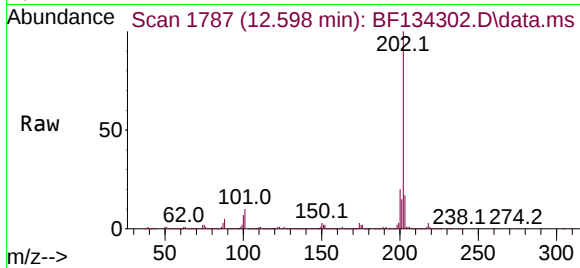
Tgt Ion:167 Resp: 48406
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.0 25.6
 139 14.7 10.4 15.6





#75
Fluoranthene
Concen: 41.659 ng
RT: 12.598 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134302.D
Acq: 14 Jul 2023 21:53

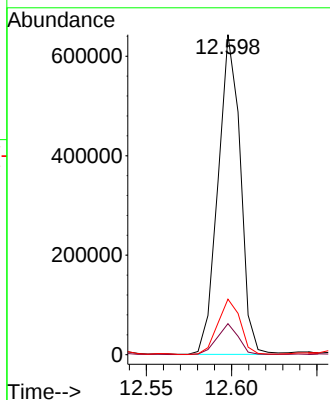
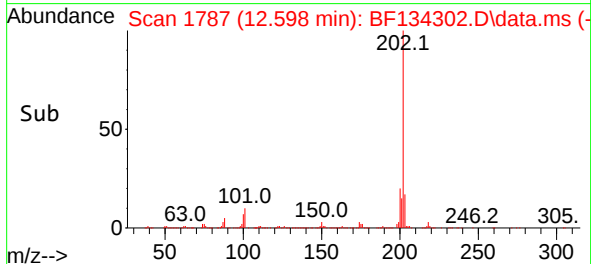
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:202 Resp: 584340
Ion Ratio Lower Upper
202 100
101 9.7 0.0 31.0
203 17.4 0.0 37.6

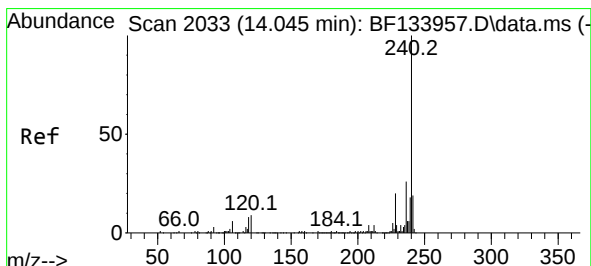
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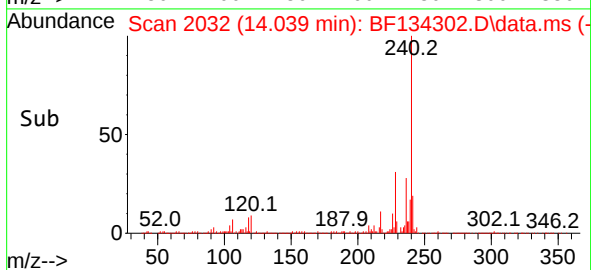
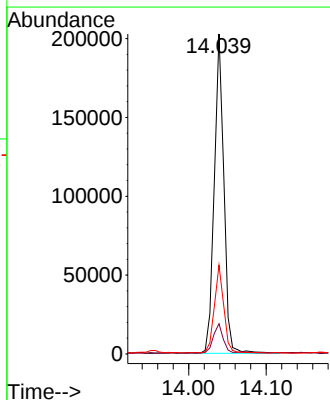
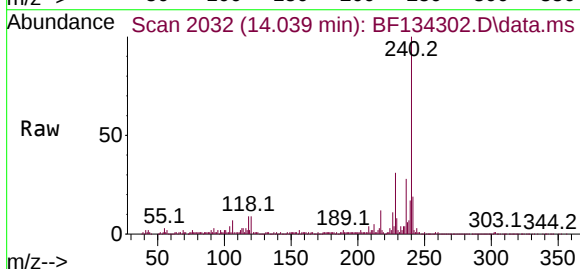
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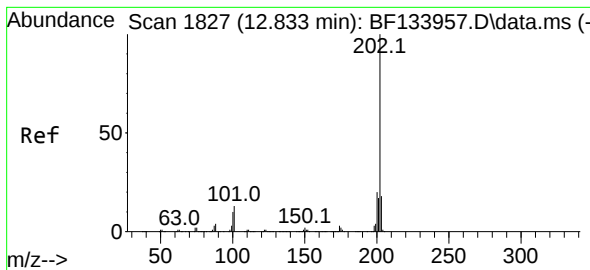
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF134302.D
Acq: 14 Jul 2023 21:53

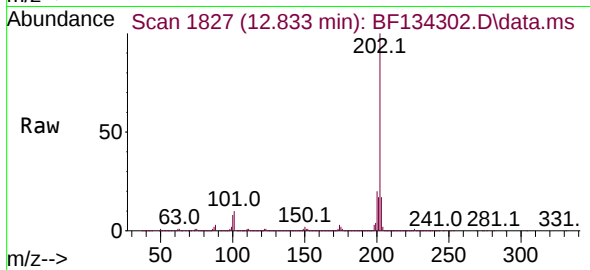
Tgt Ion:240 Resp: 174740
Ion Ratio Lower Upper
240 100
120 9.4 7.4 11.0
236 27.8 21.0 31.6





#78
Pyrene
Concen: 36.508 ng
RT: 12.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134302.D
Acq: 14 Jul 2023 21:53

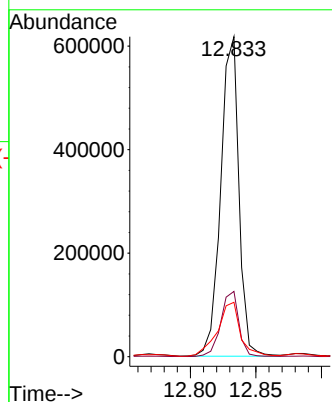
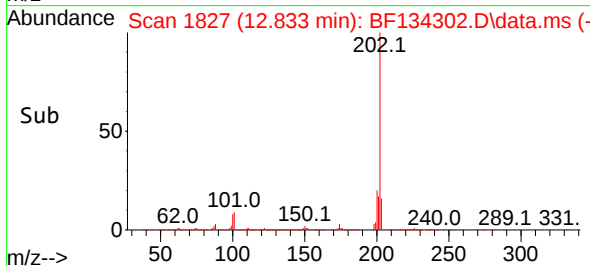
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:202 Resp: 59369
Ion Ratio Lower Upper
202 100
200 20.4 16.1 24.1
203 17.0 14.3 21.5

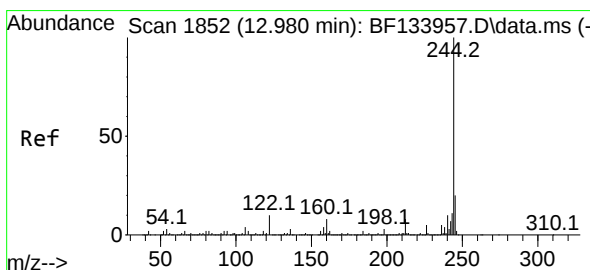
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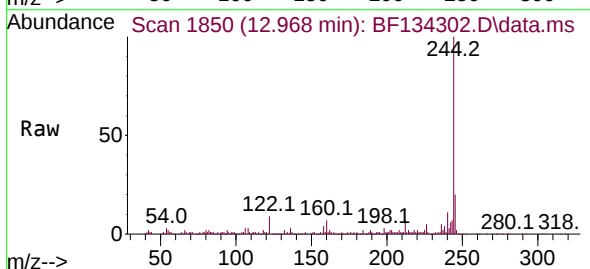


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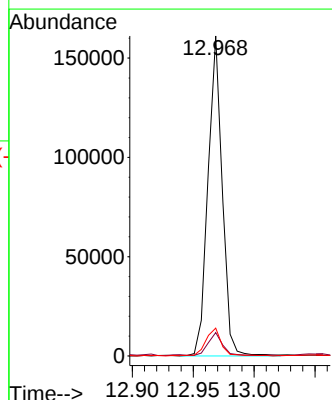
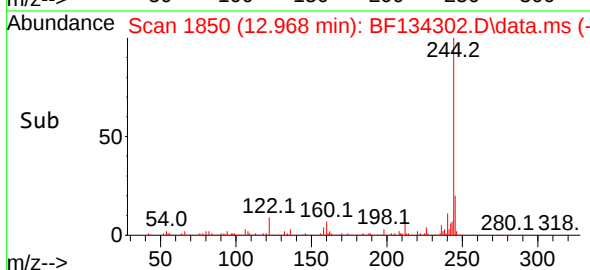
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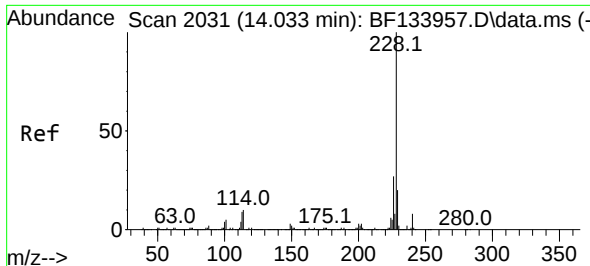


#79
Terphenyl-d14
Concen: 12.061 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF134302.D
Acq: 14 Jul 2023 21:53



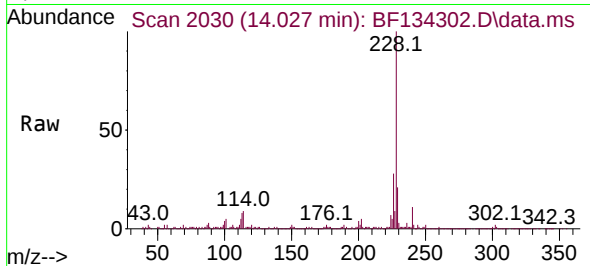
Tgt Ion:244 Resp: 130949
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 8.7 8.3 12.5





#81
Benzo(a)anthracene
Concen: 20.161 ng
RT: 14.027 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF134302.D
Acq: 14 Jul 2023 21:53

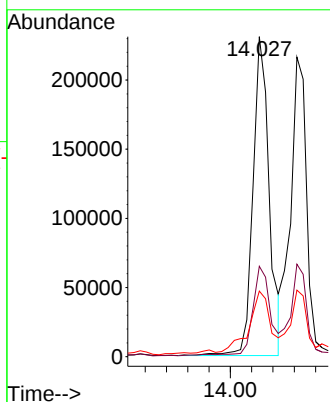
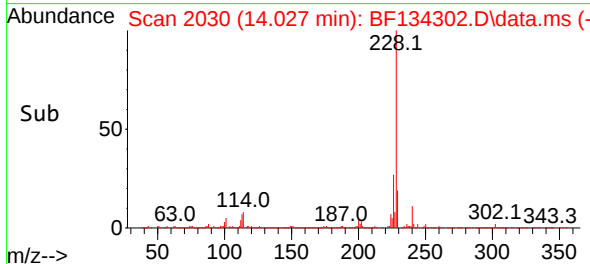
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:228 Resp: 244324
Ion Ratio Lower Upper
228 100
226 28.3 22.0 33.0
229 20.5 16.3 24.5

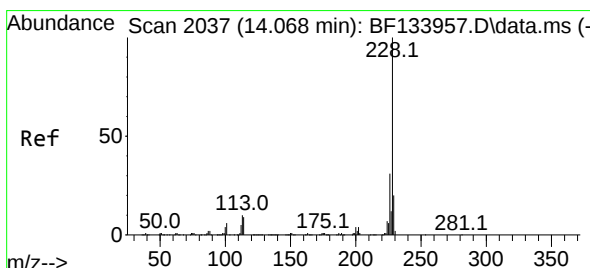
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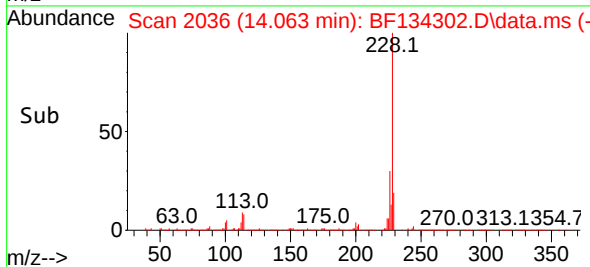
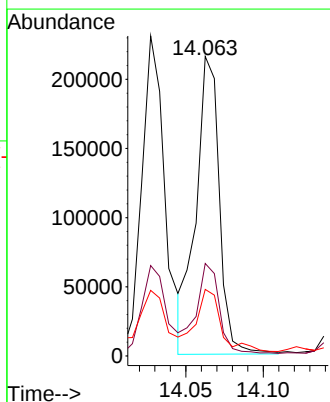
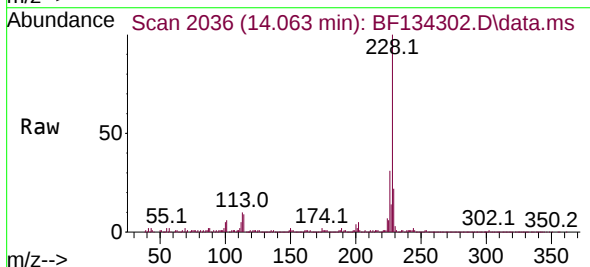
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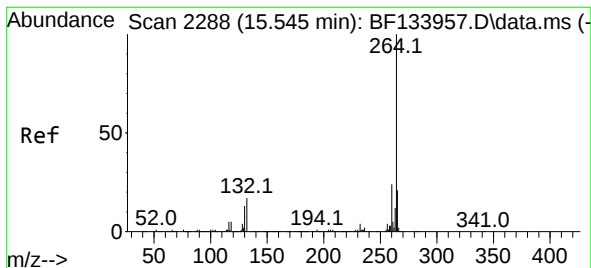
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#83
Chrysene
Concen: 19.333 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF134302.D
Acq: 14 Jul 2023 21:53

Tgt Ion:228 Resp: 226918
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 22.2 16.1 24.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF134302.D

Acq: 14 Jul 2023 21:53

Instrument :

BNA_F

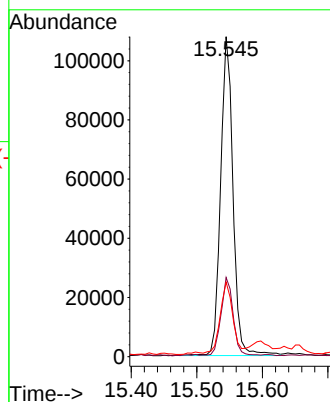
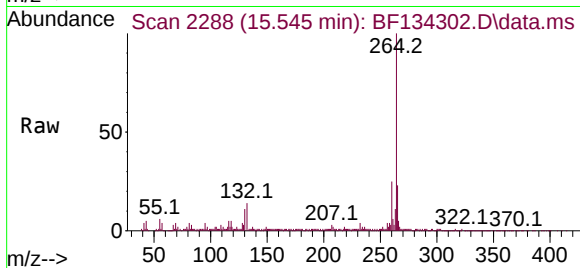
ClientSampleId :

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Tgt Ion:264 Resp: 140580
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.5 29.3
 265 23.3 16.6 25.0

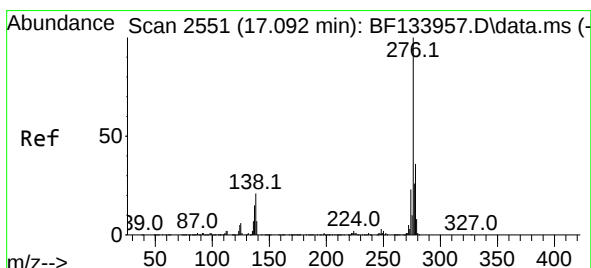
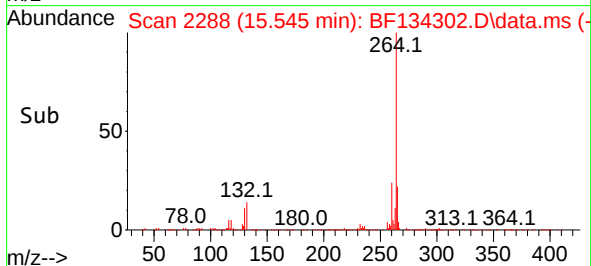
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#87

Indeno(1,2,3-cd)pyrene

Concen: 6.966 ng

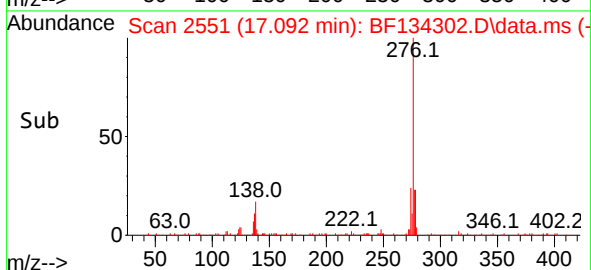
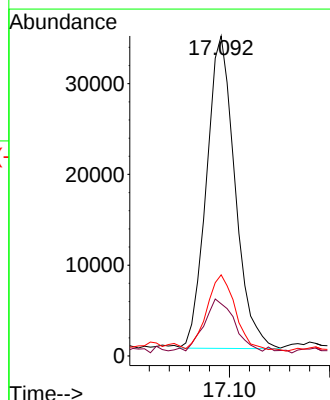
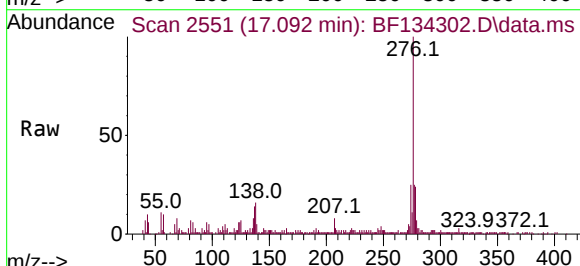
RT: 17.092 min Scan# 2551

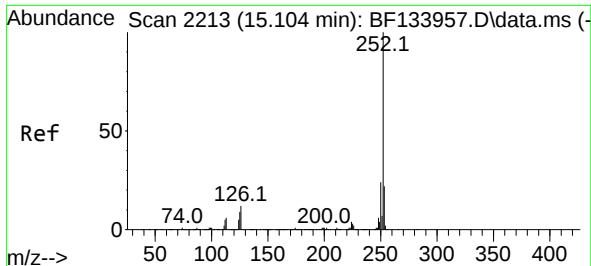
Delta R.T. -0.006 min

Lab File: BF134302.D

Acq: 14 Jul 2023 21:53

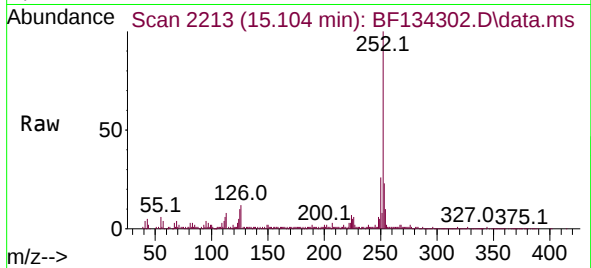
Tgt Ion:276 Resp: 67952
 Ion Ratio Lower Upper
 276 100
 138 17.7 18.7 28.1#
 277 24.8 19.9 29.9





#88
Benzo(b)fluoranthene
Concen: 22.859 ng m
RT: 15.104 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF134302.D
Acq: 14 Jul 2023 21:53

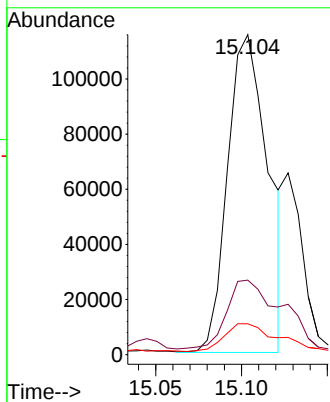
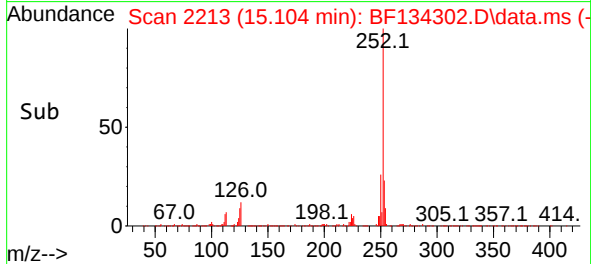
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-7-10-2023DL



Tgt Ion:252 Resp: 188962
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 9.7 7.1 10.7

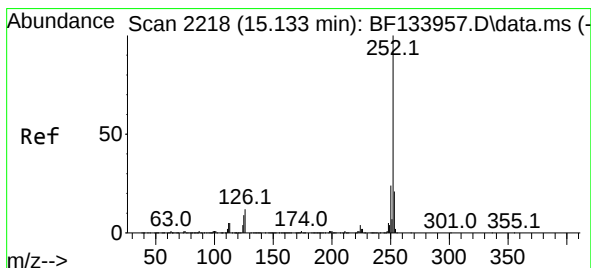
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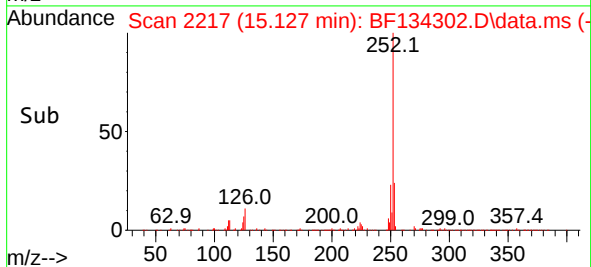
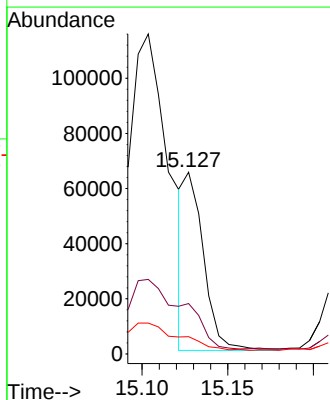
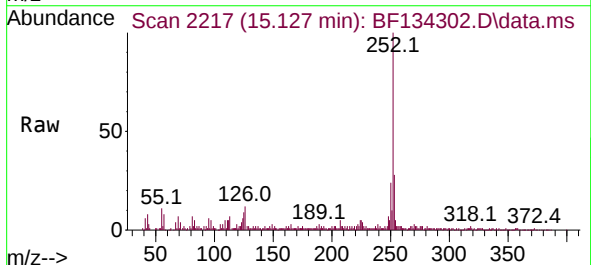
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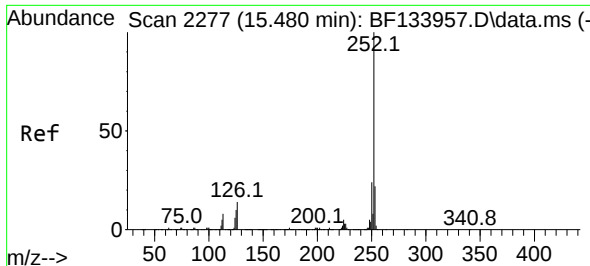
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#89
Benzo(k)fluoranthene
Concen: 6.103 ng m
RT: 15.127 min Scan# 2217
Delta R.T. -0.006 min
Lab File: BF134302.D
Acq: 14 Jul 2023 21:53

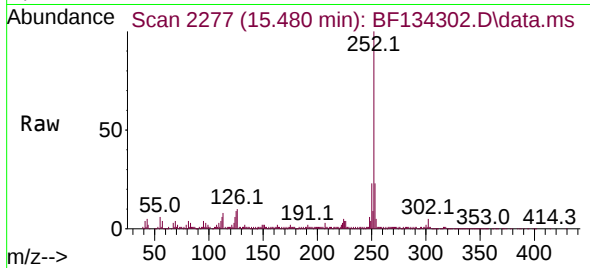
Tgt Ion:252 Resp: 51369
Ion Ratio Lower Upper
252 100
253 27.7 16.9 25.3#
125 9.5 7.4 11.2





#90
Benzo(a)pyrene
Concen: 16.676 ng
RT: 15.480 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF134302.D
Acq: 14 Jul 2023 21:53

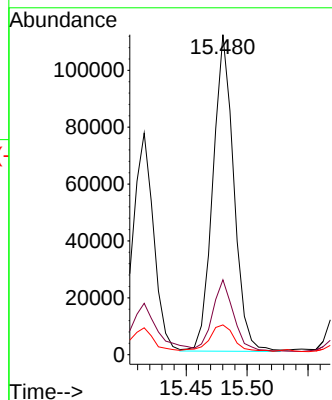
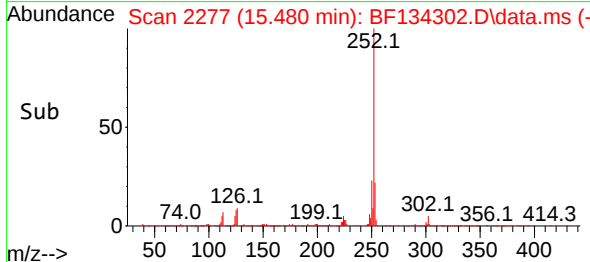
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-7-10-2023DL



Tgt Ion:252 Resp: 133305
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.0
125 9.3 8.4 12.6

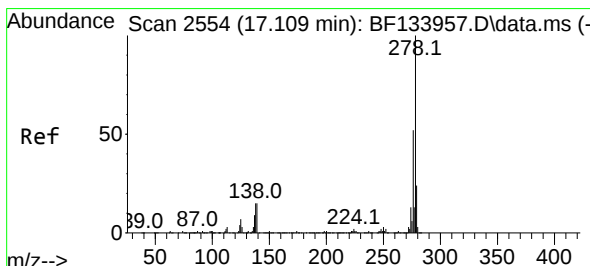
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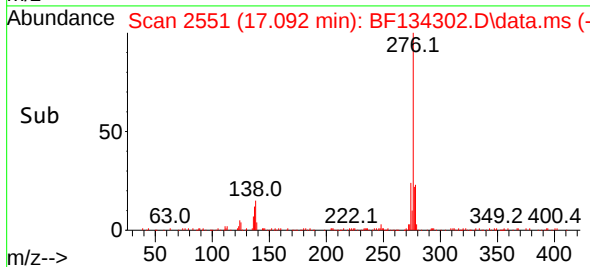
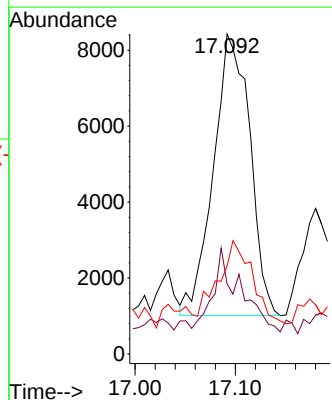
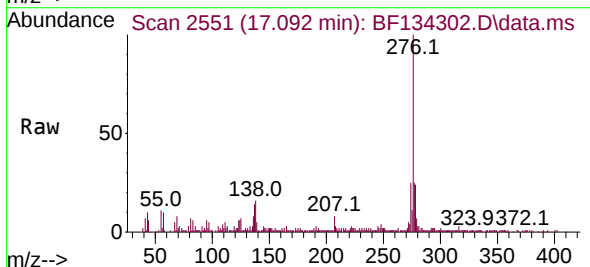
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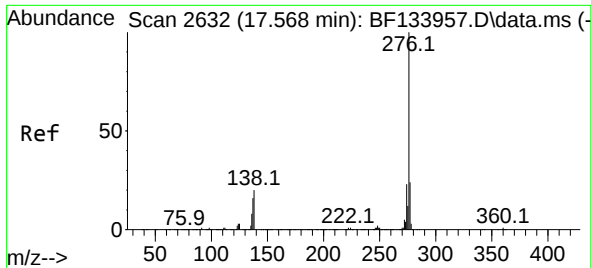
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#91
Dibenzo(a,h)anthracene
Concen: 2.348 ng
RT: 17.092 min Scan# 2551
Delta R.T. -0.018 min
Lab File: BF134302.D
Acq: 14 Jul 2023 21:53

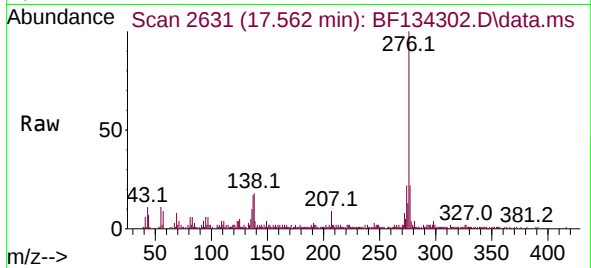
Tgt Ion:278 Resp: 18705
Ion Ratio Lower Upper
278 100
139 21.9 12.2 18.4#
279 27.5 19.4 29.2





#92
Benzo(g,h,i)perylene
Concen: 8.097 ng
RT: 17.562 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF134302.D
Acq: 14 Jul 2023 21:53

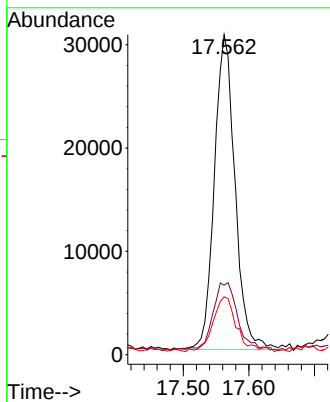
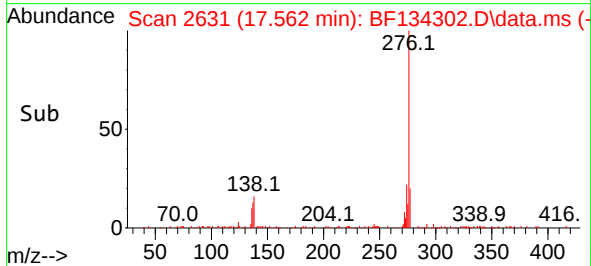
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-7-10-2023DL



Tgt Ion:276 Resp: 6653
Ion Ratio Lower Upper
276 100
277 21.7 19.0 28.6
138 18.1 16.2 24.2

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