

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
 Data File : BF124839.D
 Acq On : 28 Jul 2021 21:32
 Operator : JU/CG
 Sample : M3205-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-211

Manual Integrations
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Quant Time: Jul 29 02:11:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5963	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	22685	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	13374	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	22038	20.000	ng	0.00
76) Chrysene-d12	14.033	240	13500	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	13786	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	36730	104.293	ng	0.00
7) Phenol-d6	6.498	99	44503	100.796	ng	0.00
23) Nitrobenzene-d5	7.433	82	29097	76.341	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	12074	105.148	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	60399	66.331	ng	0.00
79) Terphenyl-d14	12.980	244	53851	68.377	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.175	128	2397	2.025	ng	# 93
52) Acenaphthene	9.939	154	7281	9.012	ng	92
55) Dibenzofuran	10.110	168	6365	5.513	ng	96
58) Fluorene	10.457	166	11197	12.643	ng	94
71) Phenanthrene	11.421	178	49574	41.824	ng	99
72) Anthracene	11.468	178	7314	6.172	ng	97
75) Fluoranthene	12.610	202	28821	23.828	ng	97
78) Pyrene	12.839	202	19455	18.203	ng	96
81) Benzo(a)anthracene	14.021	228	5432	6.156	ng	95
83) Chrysene	14.057	228	5094	5.992	ng	93
88) Benzo(b)fluoranthene	15.074	252	4132m	4.257	ng	
89) Benzo(k)fluoranthene	15.098	252	1937m	2.184	ng	
90) Benzo(a)pyrene	15.439	252	2479	3.057	ng	# 96

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

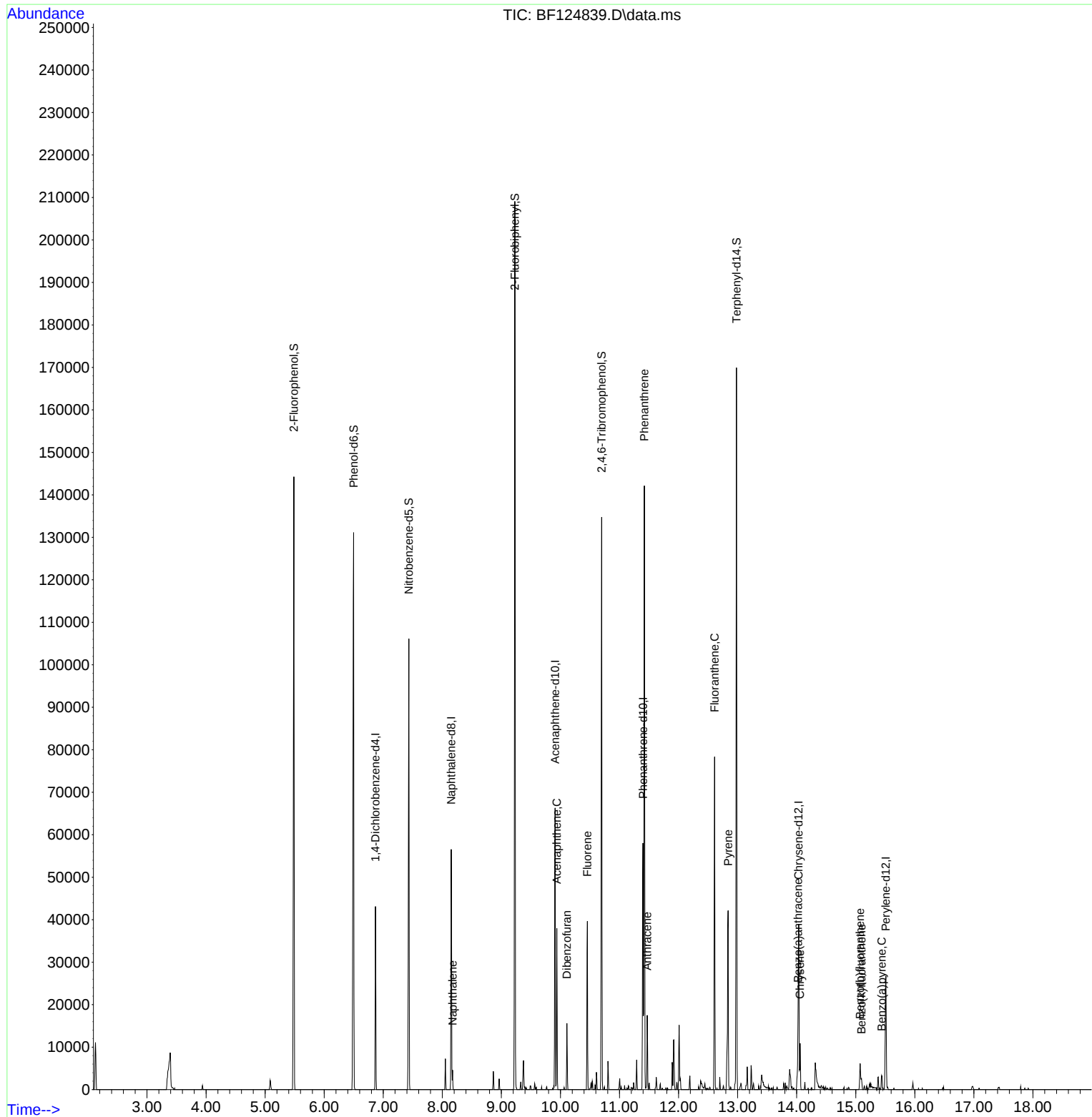
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072821\
Data File : BF124839.D
Acq On : 28 Jul 2021 21:32
Operator : JU/CG
Sample : M3205-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

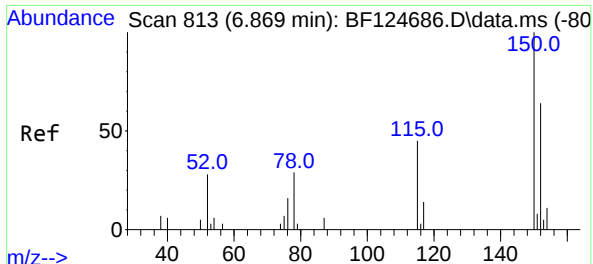
Instrument :
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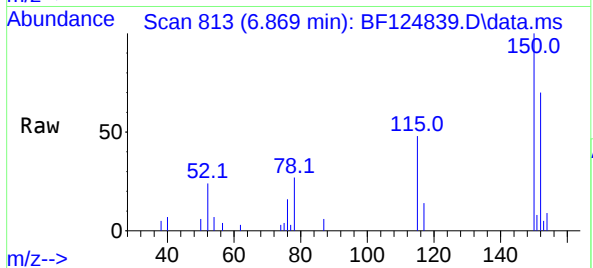
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124839.D
Acq: 28 Jul 2021 21:32

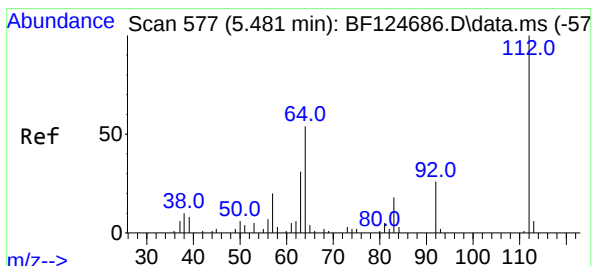
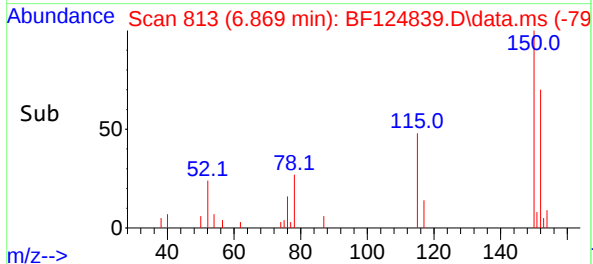
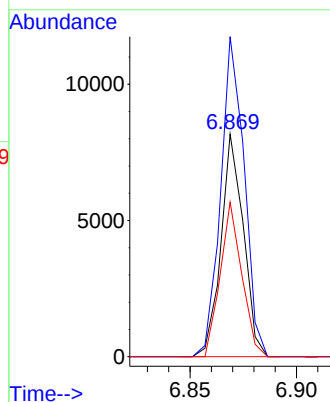
Instrument :
BNA_F
ClientSampled :
VNJ-211



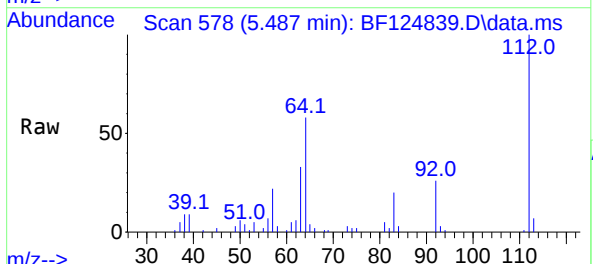
Tgt Ion:152 Resp: 5963
Ion Ratio Lower Upper
152 100
150 143.8 117.6 176.4
115 69.5 47.1 70.7

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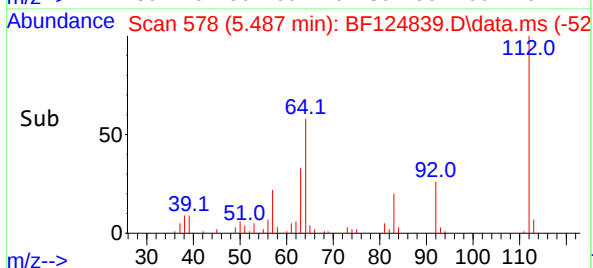
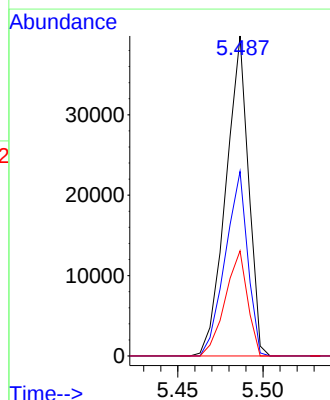
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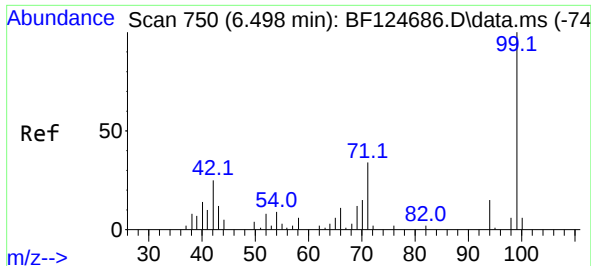


#5
2-Fluorophenol
Concen: 104.293 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124839.D
Acq: 28 Jul 2021 21:32



Tgt Ion:112 Resp: 36730
Ion Ratio Lower Upper
112 100
64 57.7 44.2 66.2
63 32.9 26.2 39.2





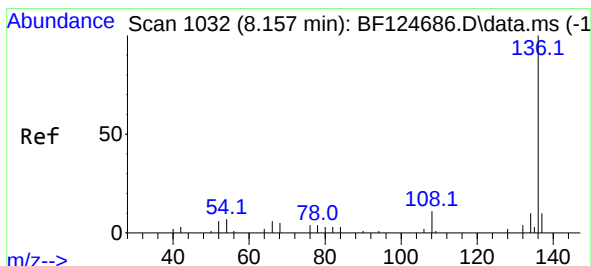
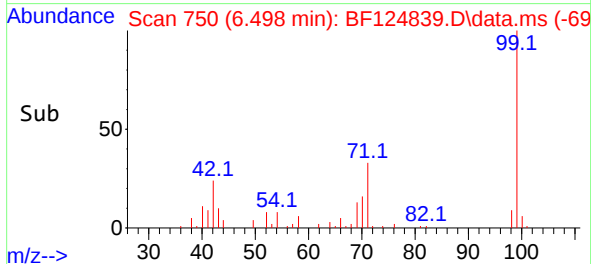
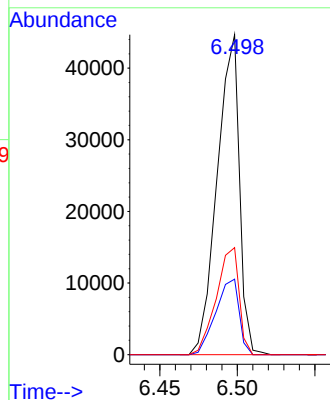
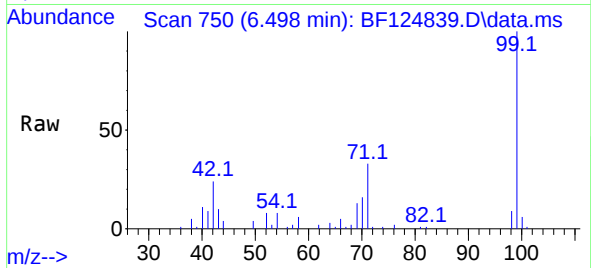
#7
Phenol-d6
Concen: 100.796 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124839.D
Acq: 28 Jul 2021 21:32

Tgt Ion:	99	Resp:	44503
Ion	Ratio	Lower	Upper
99	100		
42	23.6	23.5	35.3
71	33.4	25.6	38.4

Instrument :
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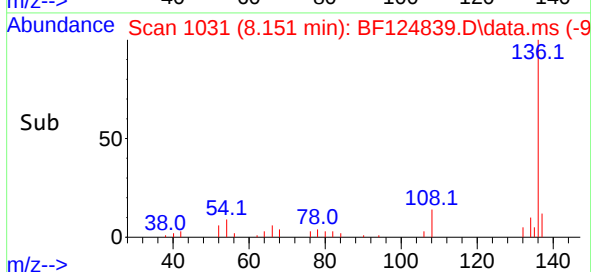
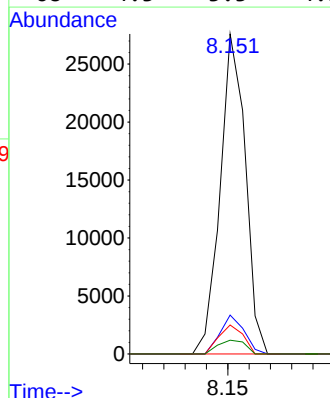
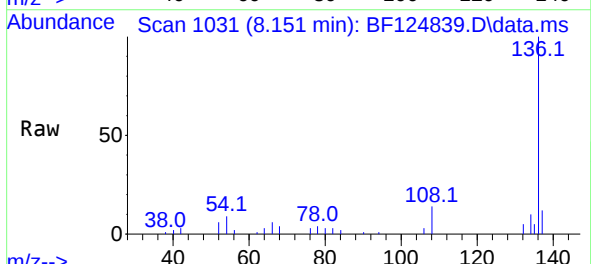
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124839.D
Acq: 28 Jul 2021 21:32

Tgt Ion:	136	Resp:	22685
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.8	14.6
54	9.1	6.4	9.6
68	4.3	3.3	4.9





#23

Nitrobenzene-d5

Concen: 76.341 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF124839.D

Acq: 28 Jul 2021 21:32

Tgt Ion:	82	Resp:	29097
Ion	Ratio	Lower	Upper
82	100		
128	46.4	40.6	60.8
54	57.3	49.6	74.4

Instrument :

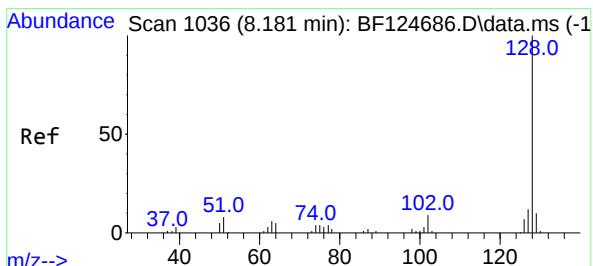
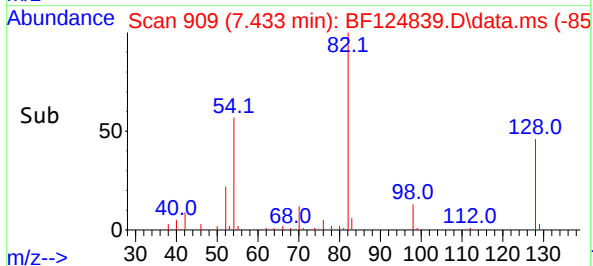
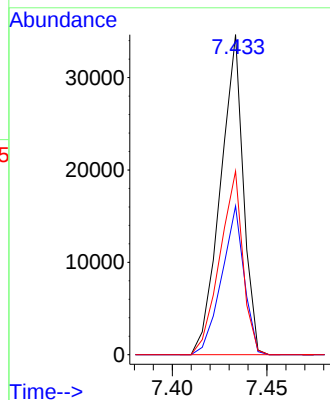
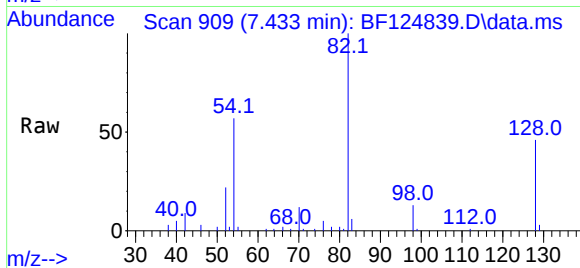
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ClientSampleId :

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#31

Naphthalene

Concen: 2.025 ng

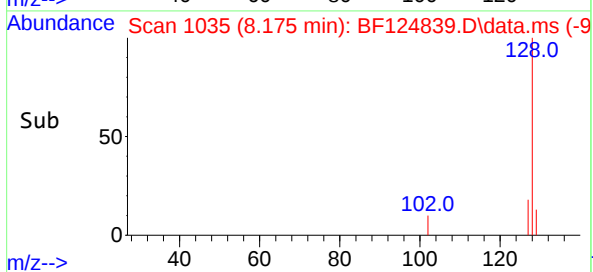
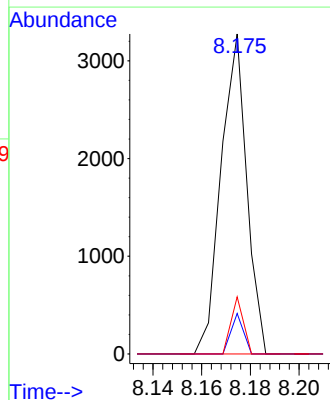
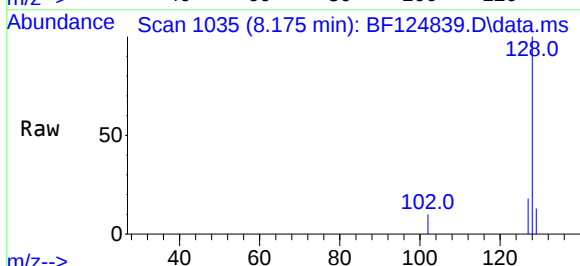
RT: 8.175 min Scan# 1035

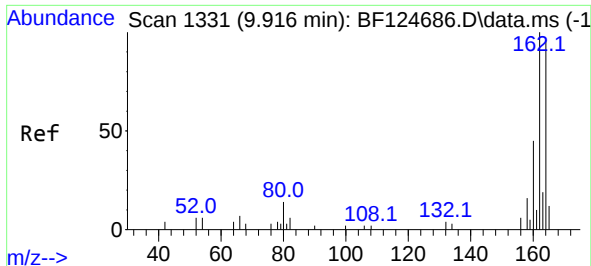
Delta R.T. -0.006 min

Lab File: BF124839.D

Acq: 28 Jul 2021 21:32

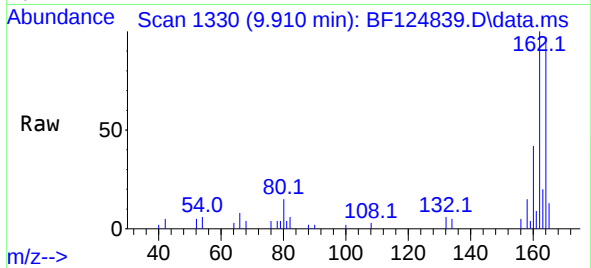
Tgt Ion:	128	Resp:	2397
Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.4	14.0
127	17.9	10.9	16.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124839.D
Acq: 28 Jul 2021 21:32

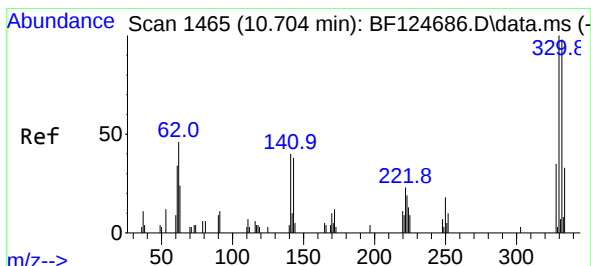
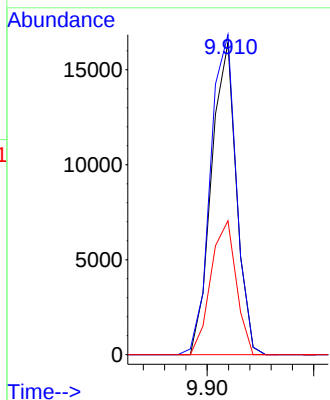
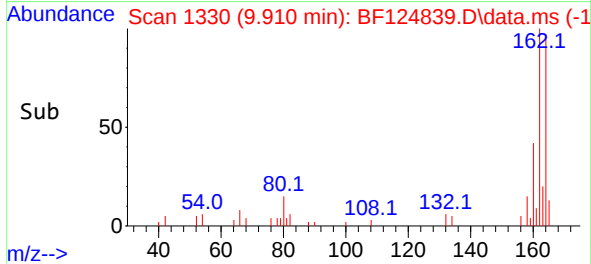
Instrument :
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ClientSampled :
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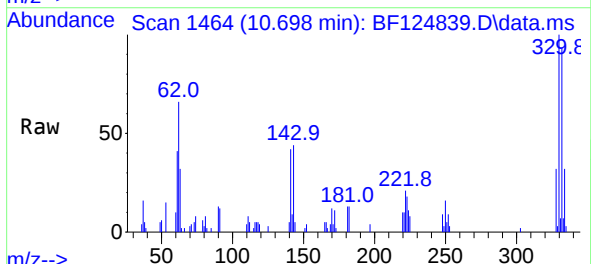
Tgt Ion:164 Resp: 13374
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 42.9 38.0 57.0

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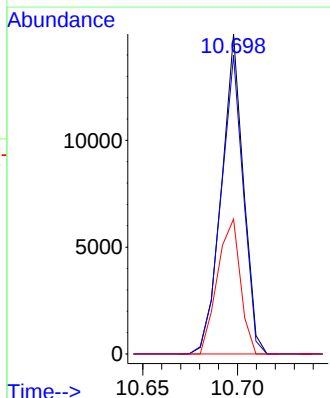
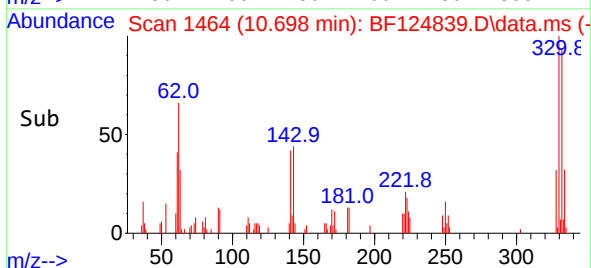
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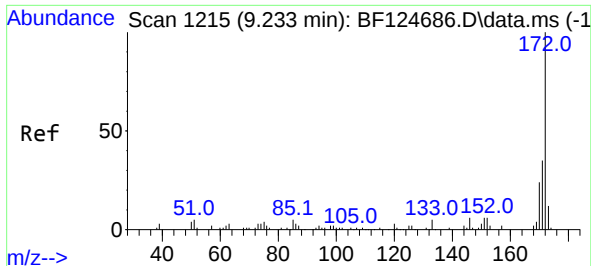


#42
2,4,6-Tribromophenol
Concen: 105.148 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124839.D
Acq: 28 Jul 2021 21:32



Tgt Ion:330 Resp: 12074
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 44.0 44.6 66.8#





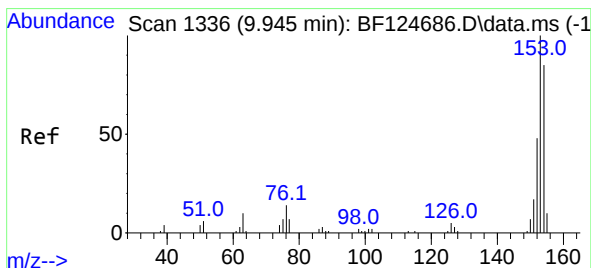
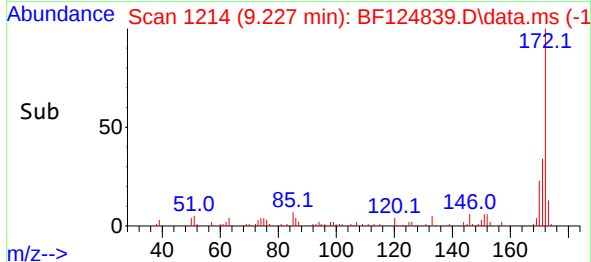
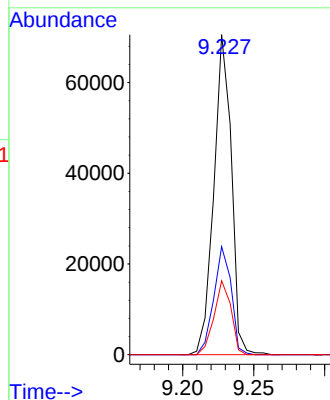
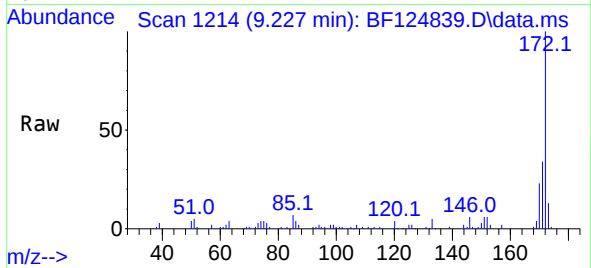
#45
2-Fluorobiphenyl
Concen: 66.331 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124839.D
Acq: 28 Jul 2021 21:32

Tgt Ion:172 Resp: 60399
Ion Ratio Lower Upper
172 100
171 33.7 26.5 39.7
170 23.1 18.8 28.2

Instrument :
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ClientSampled :
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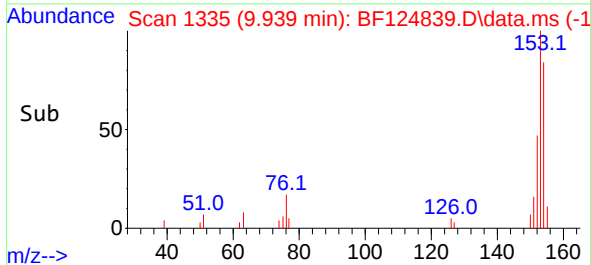
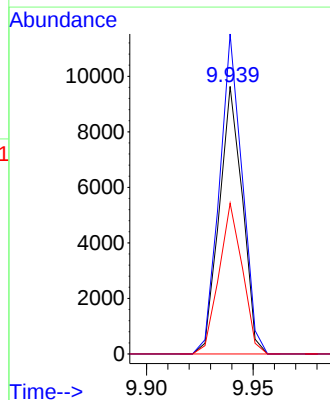
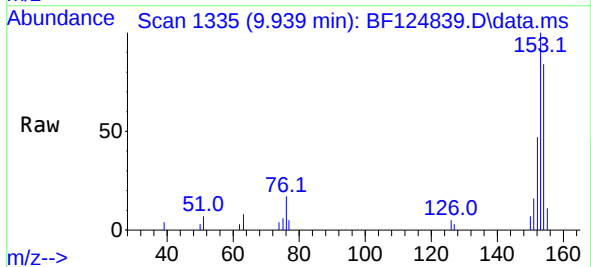
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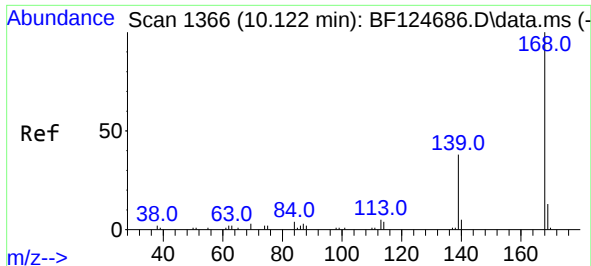
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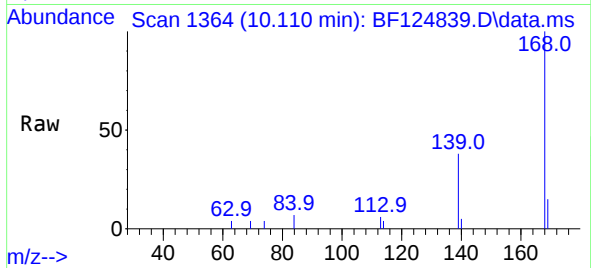
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Acenaphthene
Concen: 9.012 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF124839.D
Acq: 28 Jul 2021 21:32

Tgt Ion:154 Resp: 7281
Ion Ratio Lower Upper
154 100
153 119.6 89.4 134.2
152 56.3 40.5 60.7

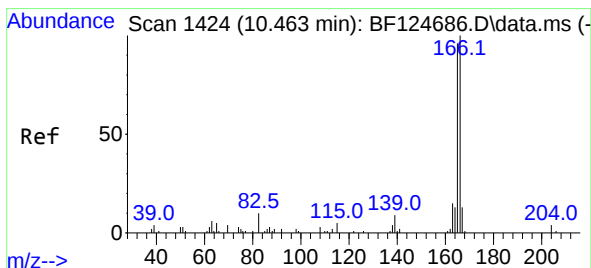
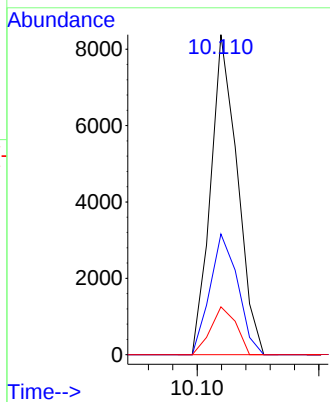
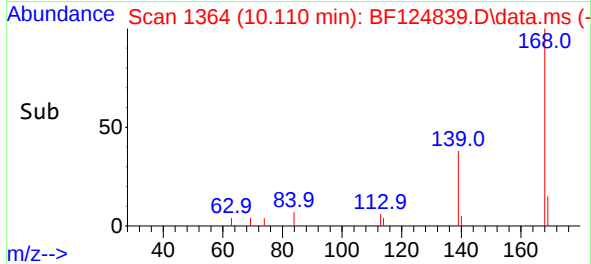




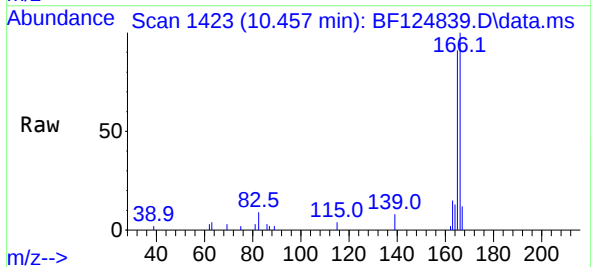
#55
Dibenzofuran
Concen: 5.513 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.012 min
Lab File: BF124839.D
Acq: 28 Jul 2021 21:32



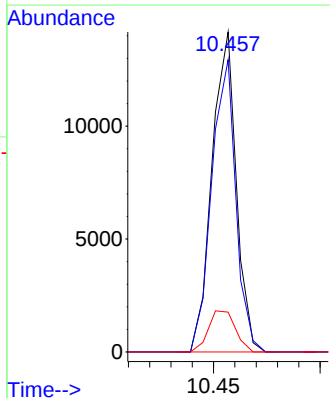
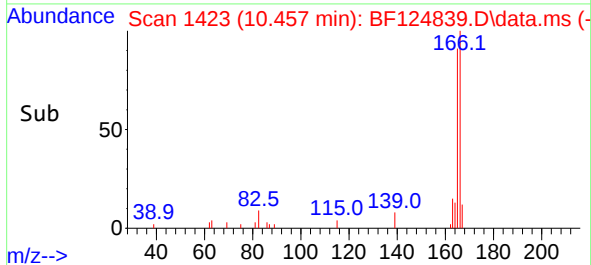
Tgt Ion:168 Resp: 6365
Ion Ratio Lower Upper
168 100
139 37.7 32.7 49.1
169 14.9 11.2 16.8



#58
Fluorene
Concen: 12.643 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF124839.D
Acq: 28 Jul 2021 21:32



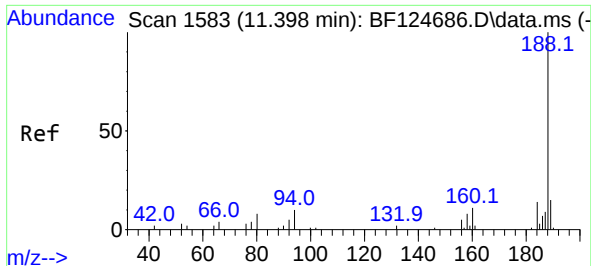
Tgt Ion:166 Resp: 11197
Ion Ratio Lower Upper
166 100
165 91.3 78.1 117.1
167 12.5 11.1 16.7



Instrument :
BNA_F
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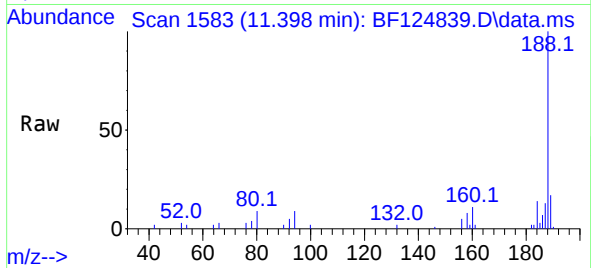
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124839.D
Acq: 28 Jul 2021 21:32

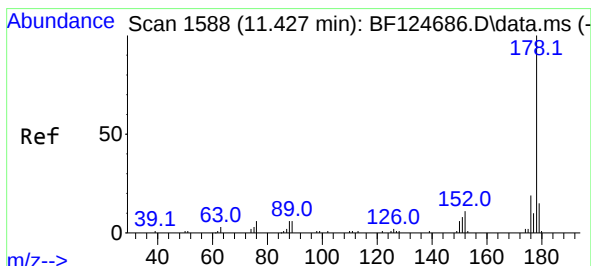
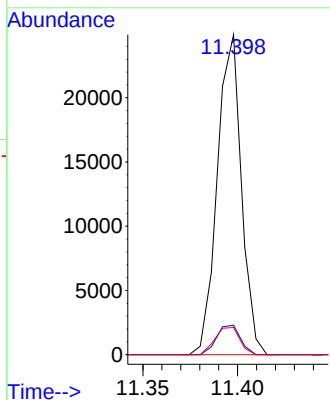
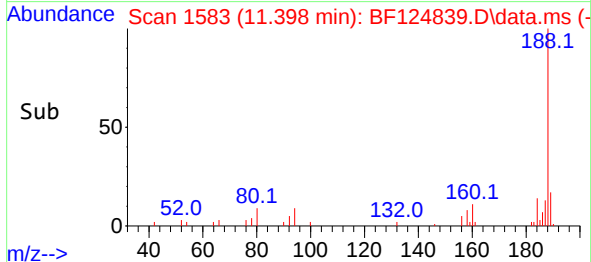
Instrument :
BNA_F
ClientSampled :
VNJ-211



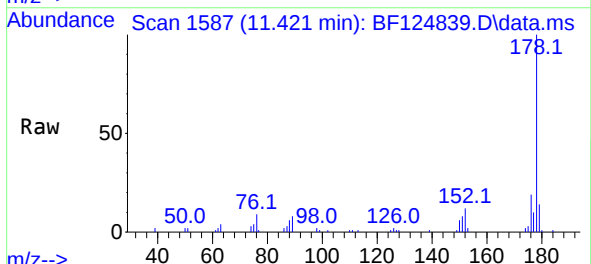
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Ion Ratio Lower Upper
188 100
94 9.2 6.7 10.1
80 8.5 7.5 11.3

Manual Integrations
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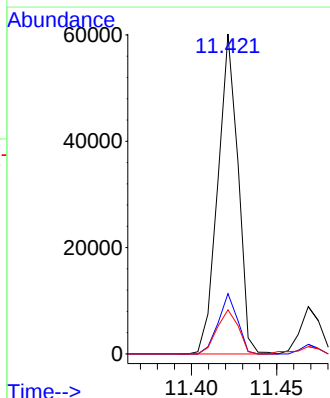
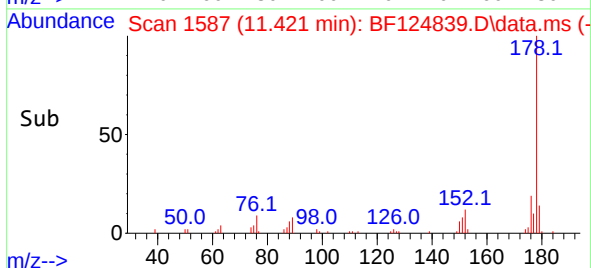
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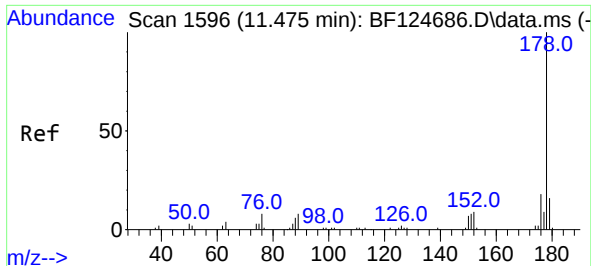


#71
Phenanthrene
Concen: 41.824 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124839.D
Acq: 28 Jul 2021 21:32



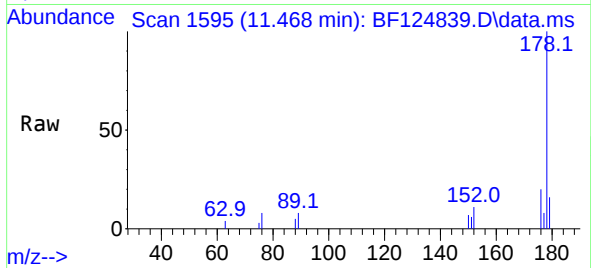
Tgt Ion:178 Resp: 49574
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 13.8 11.5 17.3





#72
 Anthracene
 Concen: 6.172 ng
 RT: 11.468 min Scan# 1595
 Delta R.T. -0.006 min
 Lab File: BF124839.D
 Acq: 28 Jul 2021 21:32

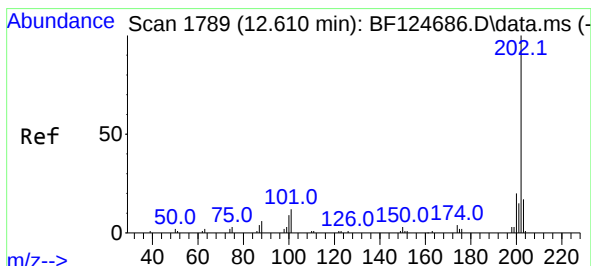
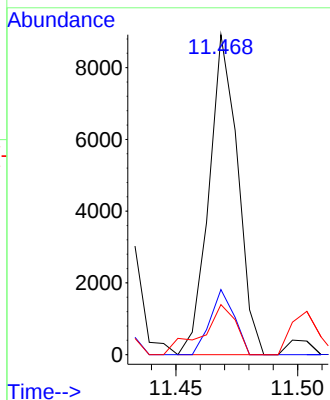
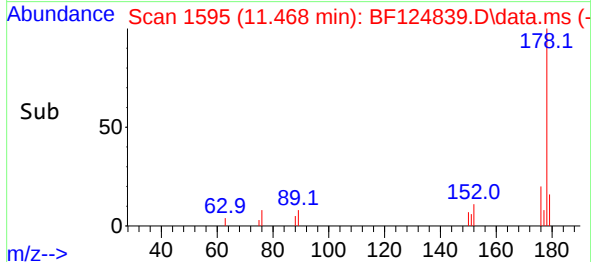
Instrument :
 BNA_F
 ClientSampled :
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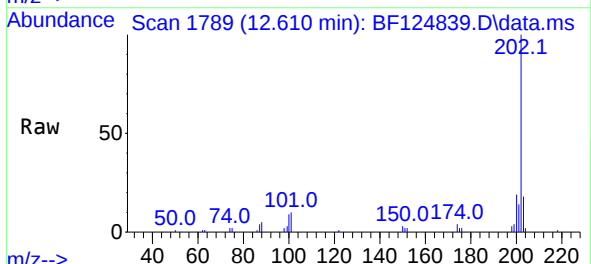
Tgt Ion:178 Resp: 7314
 Ion Ratio Lower Upper
 178 100
 176 20.3 14.3 21.5
 179 15.6 12.2 18.4

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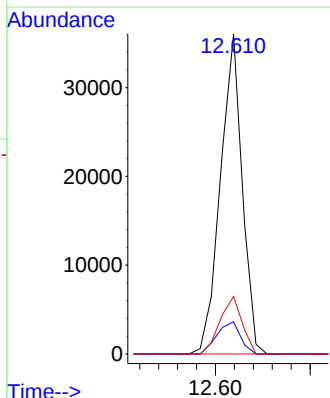
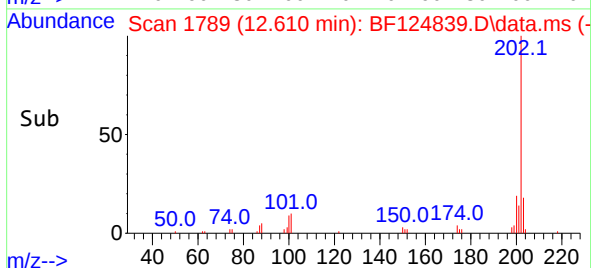
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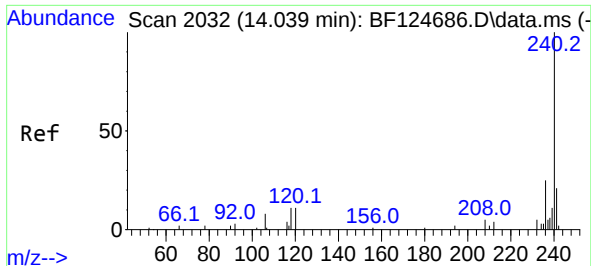


#75
 Fluoranthene
 Concen: 23.828 ng
 RT: 12.610 min Scan# 1789
 Delta R.T. -0.000 min
 Lab File: BF124839.D
 Acq: 28 Jul 2021 21:32



Tgt Ion:202 Resp: 28821
 Ion Ratio Lower Upper
 202 100
 101 10.0 0.0 30.7
 203 18.0 0.0 36.3





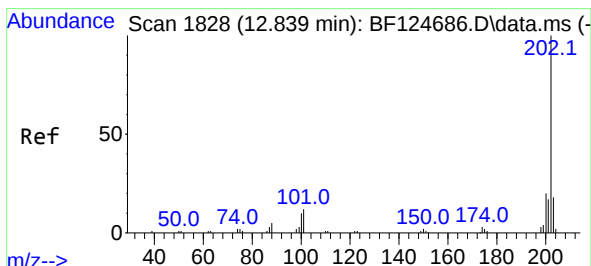
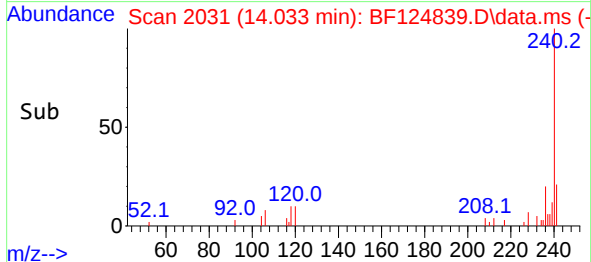
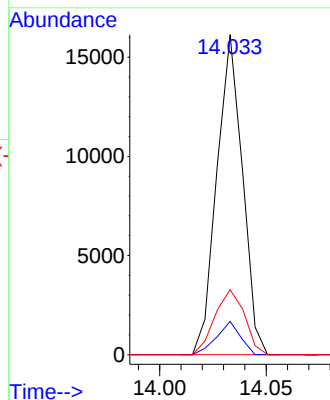
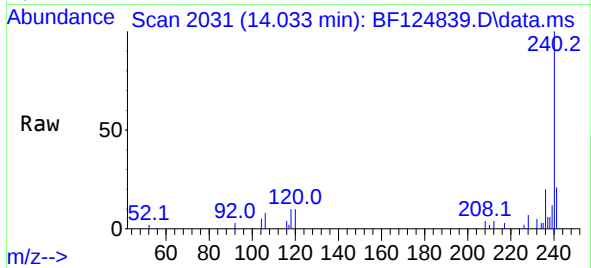
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124839.D
Acq: 28 Jul 2021 21:32

Tgt Ion:240 Resp: 13500
Ion Ratio Lower Upper
240 100
120 10.4 10.8 16.2#
236 20.3 21.6 32.4#

Instrument :
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ClientSampled :
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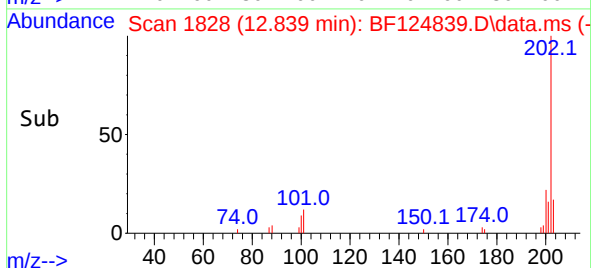
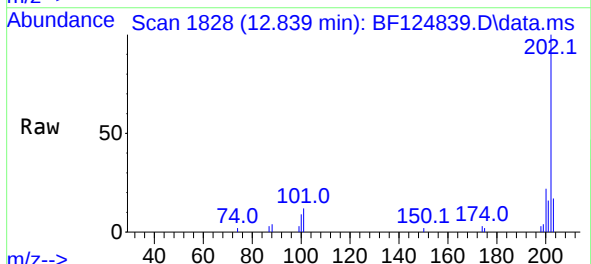
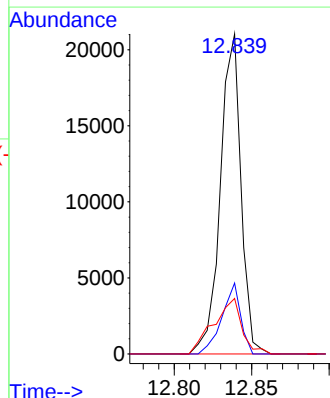
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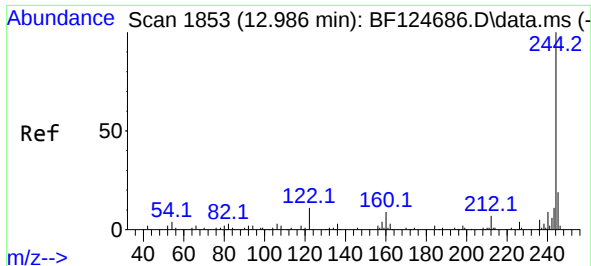
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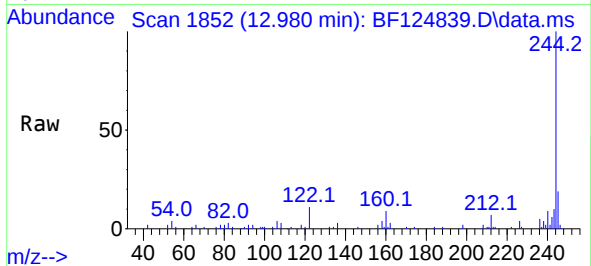
#78
Pyrene
Concen: 18.203 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF124839.D
Acq: 28 Jul 2021 21:32

Tgt Ion:202 Resp: 19455
Ion Ratio Lower Upper
202 100
200 22.2 15.3 22.9
203 17.3 13.4 20.0

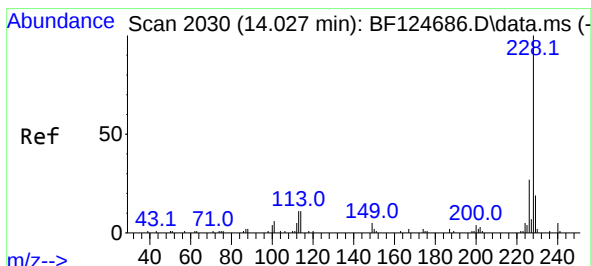
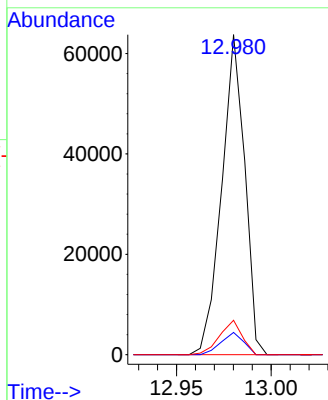
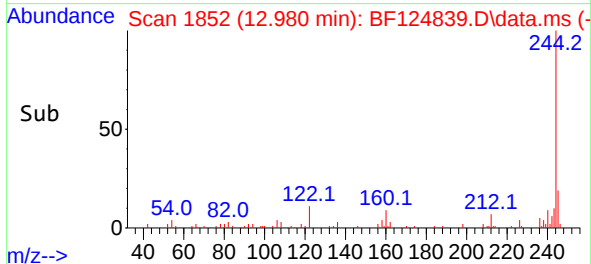




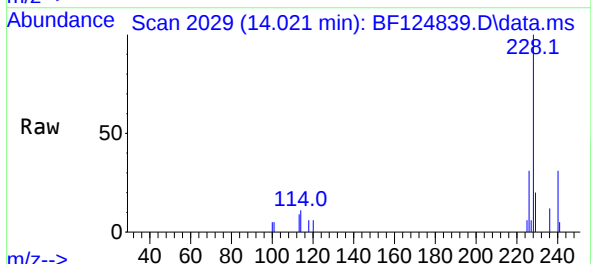
#79
Terphenyl-d14
Concen: 68.377 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF124839.D
Acq: 28 Jul 2021 21:32



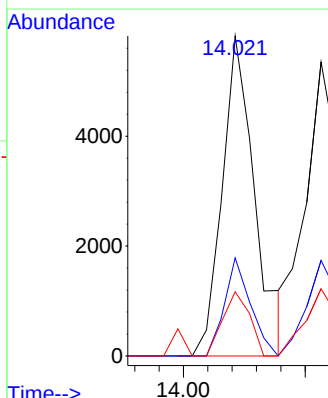
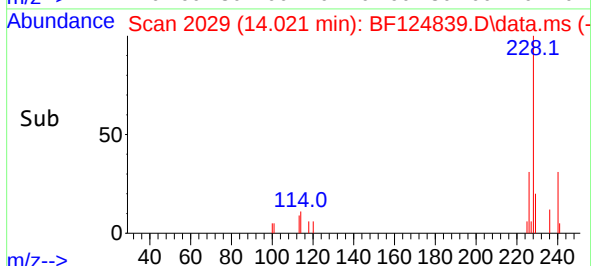
Tgt Ion:244 Resp: 53851
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.7 9.0 13.4



#81
Benzo(a)anthracene
Concen: 6.156 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF124839.D
Acq: 28 Jul 2021 21:32



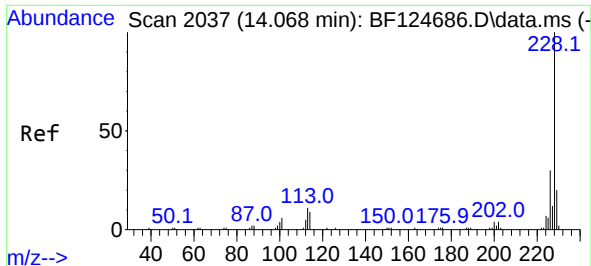
Tgt Ion:228 Resp: 5432
Ion Ratio Lower Upper
228 100
226 30.6 21.6 32.4
229 20.1 15.6 23.4



Instrument :
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ClientSampled :
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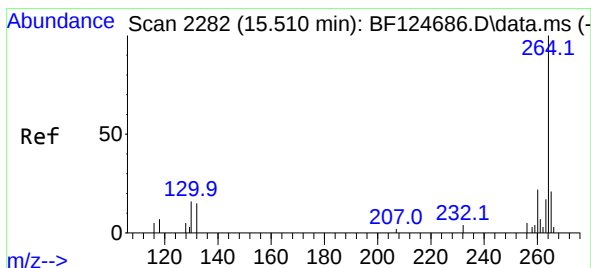
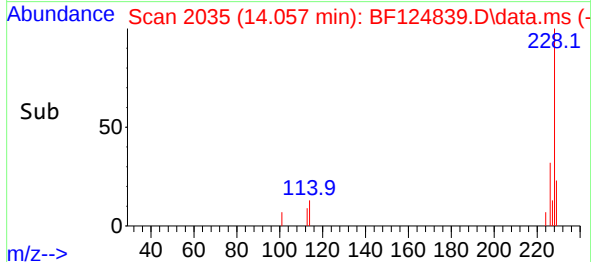
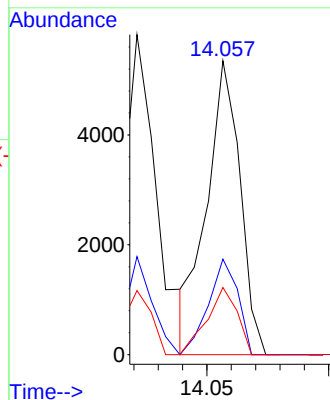
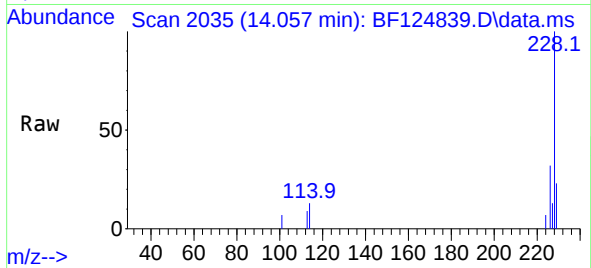
#83
Chrysene
Concen: 5.992 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF124839.D
Acq: 28 Jul 2021 21:32

Tgt Ion:228	Resp:	5094
Ion Ratio	Lower	Upper
228	100	
226	32.5	22.6 34.0
229	22.9	15.9 23.9

Instrument :
BNA_F
ClientSampled :
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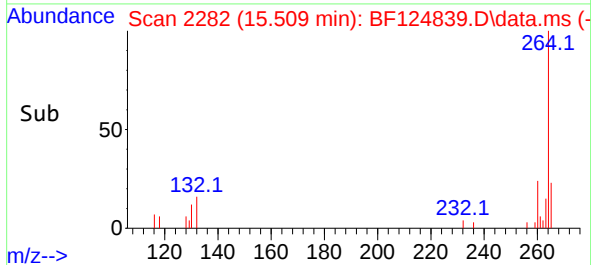
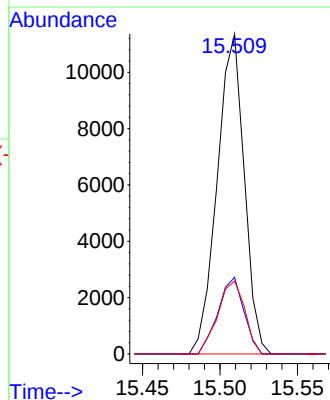
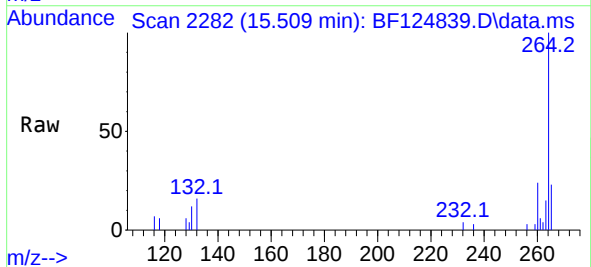
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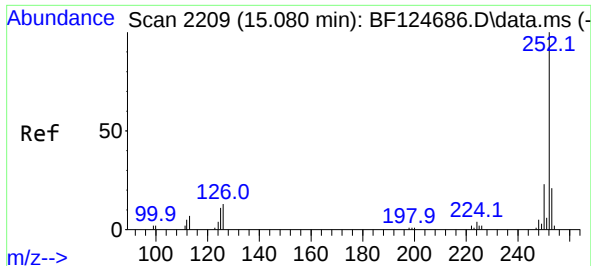
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.000 min
Lab File: BF124839.D
Acq: 28 Jul 2021 21:32

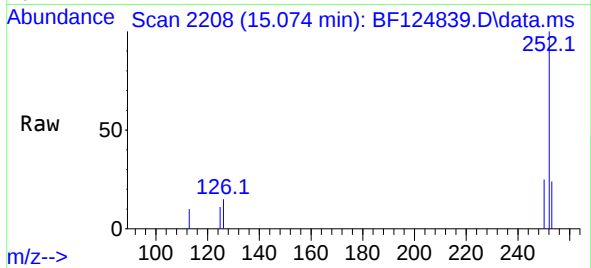
Tgt Ion:264	Resp:	13786
Ion Ratio	Lower	Upper
264	100	
260	23.9	19.6 29.4
265	22.8	17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 4.257 ng m
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124839.D
Acq: 28 Jul 2021 21:32

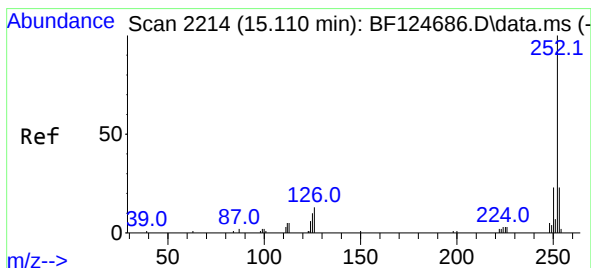
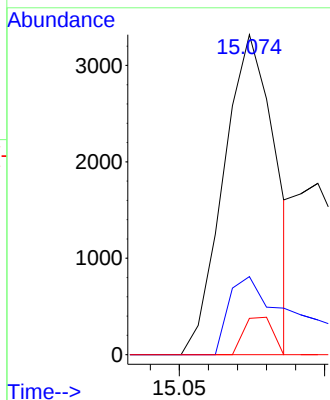
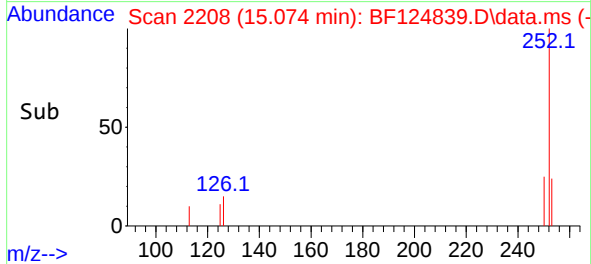
Instrument :
BNA_F
ClientSampled :
VNJ-211



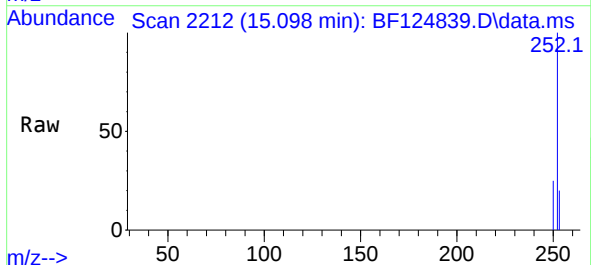
Tgt Ion:252 Resp: 4132
Ion Ratio Lower Upper
252 100
253 24.4 16.8 25.2
125 11.3 9.8 14.8

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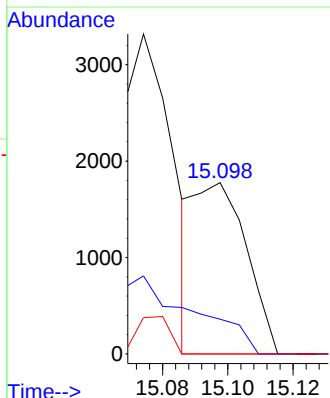
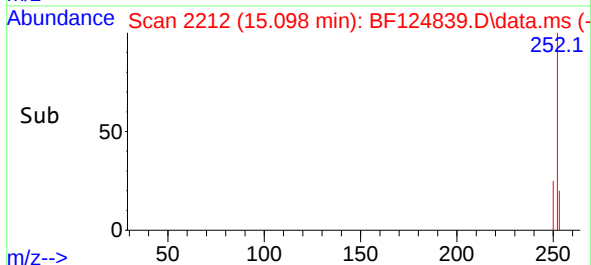
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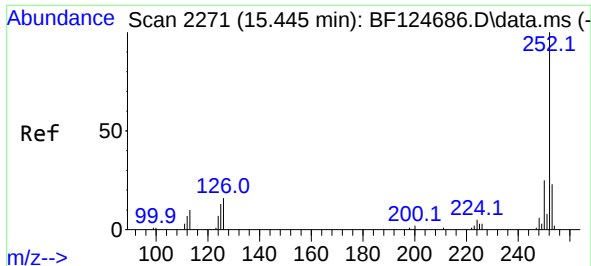


#89
Benzo(k)fluoranthene
Concen: 2.184 ng m
RT: 15.098 min Scan# 2212
Delta R.T. -0.012 min
Lab File: BF124839.D
Acq: 28 Jul 2021 21:32



Tgt Ion:252 Resp: 1937
Ion Ratio Lower Upper
252 100
253 20.2 17.8 26.8
125 0.0 7.2 10.8#





#90
Benzo(a)pyrene
Concen: 3.057 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF124839.D
Acq: 28 Jul 2021 21:32

Tgt Ion:	252	Resp:	2479
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.4	27.6
125	15.8	9.9	14.9

Instrument :
BNA_F
ClientSampleId :
VNJ-211

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