

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061621\
 Data File : BF124344.D
 Acq On : 16 Jun 2021 14:00
 Operator : JU/CG
 Sample : M2691-02 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-VNJ-208

Manual Integrations
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Quant Time: Jun 16 14:29:12 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	34481	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	129970	20.000	ng	# 0.00
39) Acenaphthene-d10	9.821	164	51327	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	134709	20.000	ng	0.00
76) Chrysene-d12	13.957	240	82531	20.000	ng	0.00
86) Perylene-d12	15.409	264	21461	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	19954	8.711	ng	0.00
7) Phenol-d6	6.445	99	7840	2.546	ng	0.00
23) Nitrobenzene-d5	7.345	82	19327	5.898	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	9523	13.096	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	34676	8.501	ng	-0.01
79) Terphenyl-d14	12.892	244	34628	5.761	ng	-0.01
Target Compounds						Qvalue
25) Isophorone	7.604	82	20706	3.506	ng	# 82
31) Naphthalene	8.086	128	21638	2.785	ng	94
55) Dibenzofuran	10.027	168	16848	3.215	ng	96
71) Phenanthrene	11.333	178	176924	21.025	ng	97
72) Anthracene	11.386	178	24120	2.846	ng	96
75) Fluoranthene	12.527	202	150630	17.053	ng	97
78) Pyrene	12.757	202	79564m	10.040	ng	
81) Benzo(a)anthracene	13.945	228	52583	8.746	ng	97
83) Chrysene	13.980	228	50128	8.642	ng	92
87) Indeno(1,2,3-cd)pyrene	16.868	276	11546	10.215	ng	# 87
88) Benzo(b)fluoranthene	14.992	252	49372m	29.615	ng	
89) Benzo(k)fluoranthene	15.015	252	13036m	8.260	ng	
90) Benzo(a)pyrene	15.351	252	19513	13.476	ng	# 89
91) Dibenzo(a,h)anthracene	16.868	278	5532	7.488	ng	# 82
92) Benzo(g,h,i)perylene	17.297	276	8897	9.252	ng	# 83

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

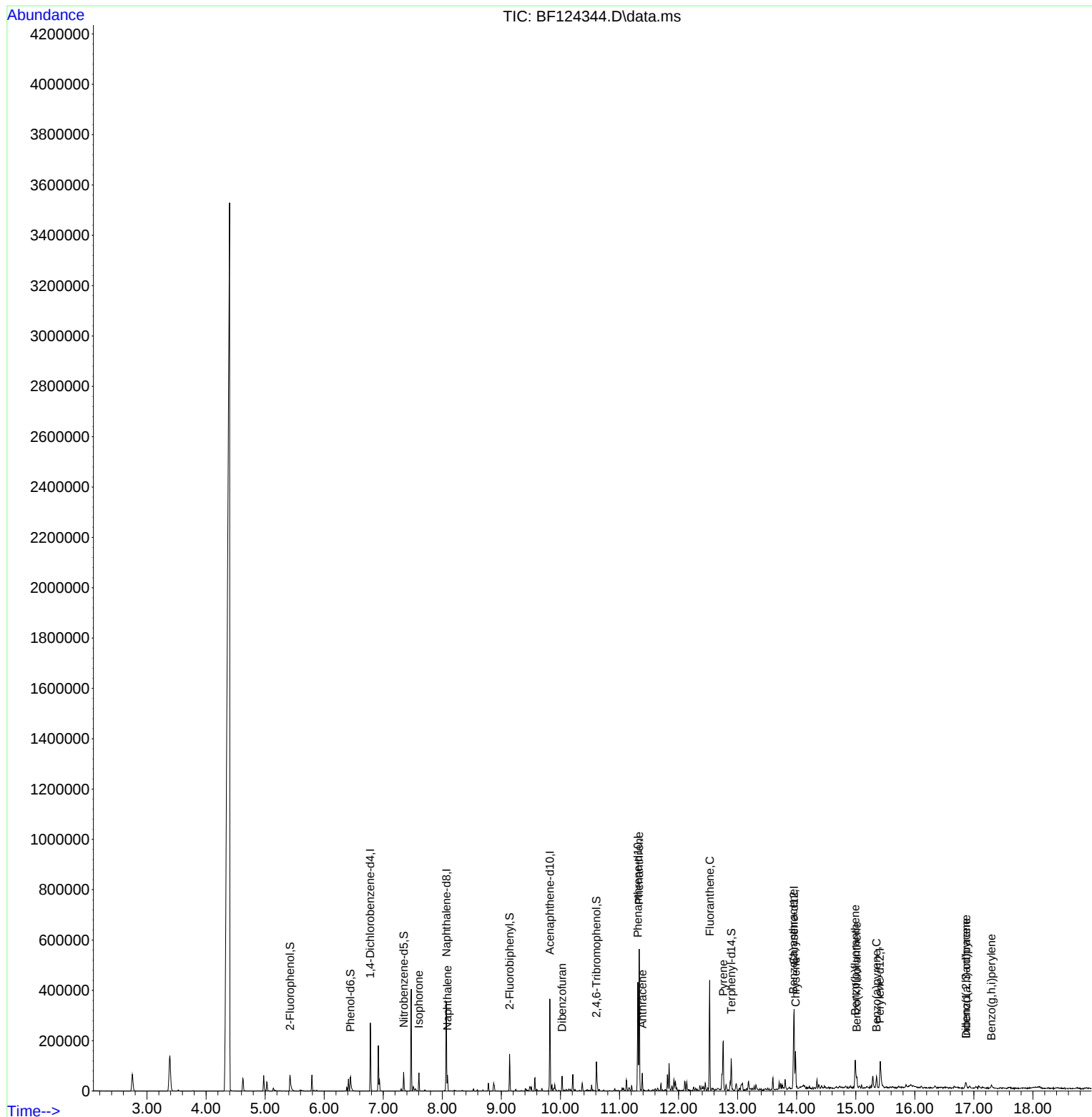
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061621\
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ALS Vial : 7 Sample Multiplier: 1

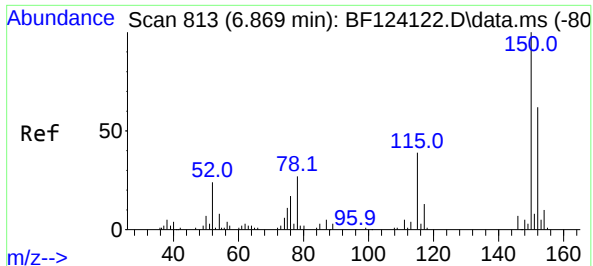
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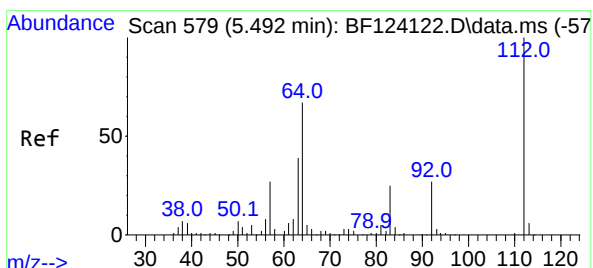
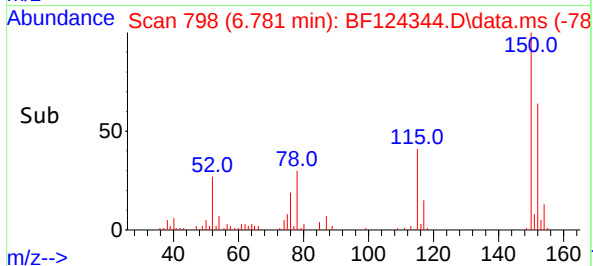
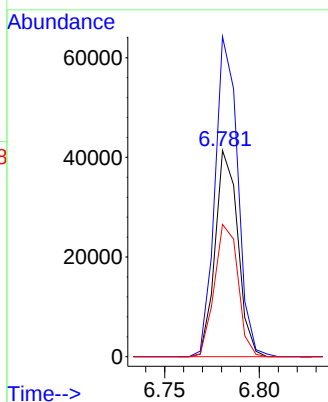
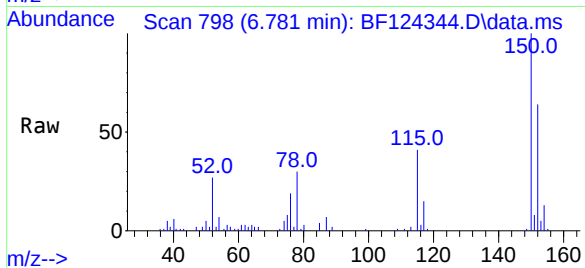
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00

Tgt Ion:152 Resp: 34481
Ion Ratio Lower Upper
152 100
150 155.2 127.0 190.6
115 64.2 54.3 81.5

Instrument :
BNA_F
ClientSampleId :
RO-VNJ-208

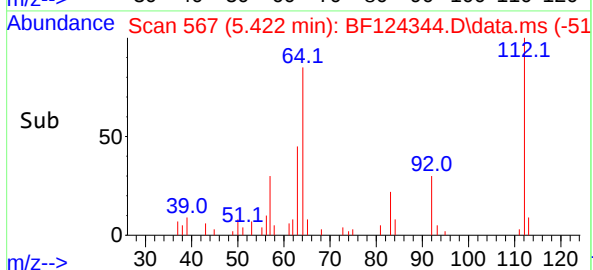
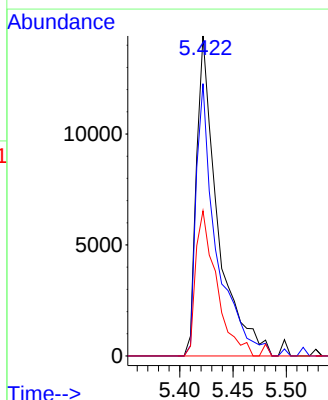
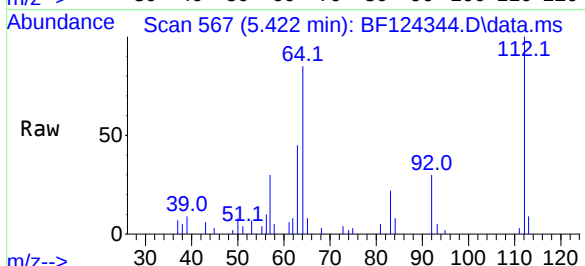
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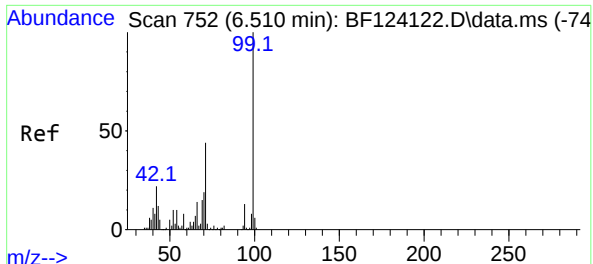
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#5
2-Fluorophenol
Concen: 8.711 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.006 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00

Tgt Ion:112 Resp: 19954
Ion Ratio Lower Upper
112 100
64 85.1 61.4 92.0
63 45.3 33.0 49.4





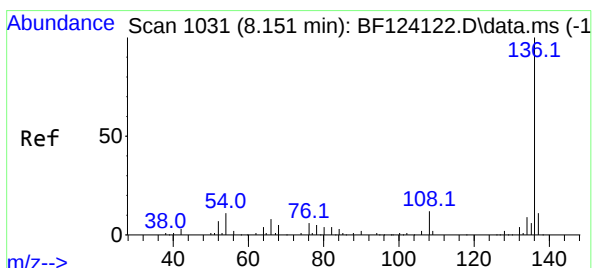
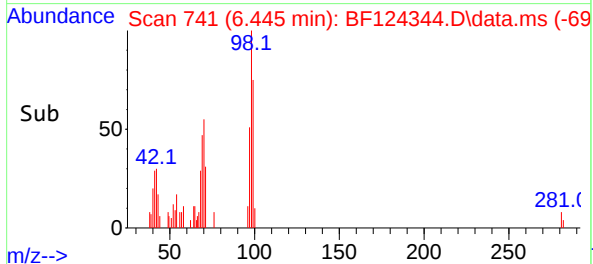
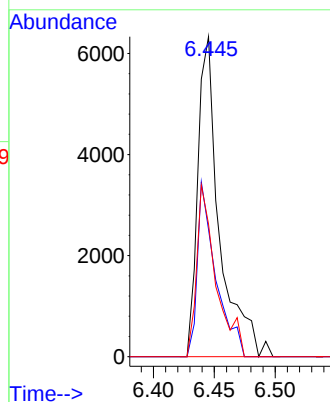
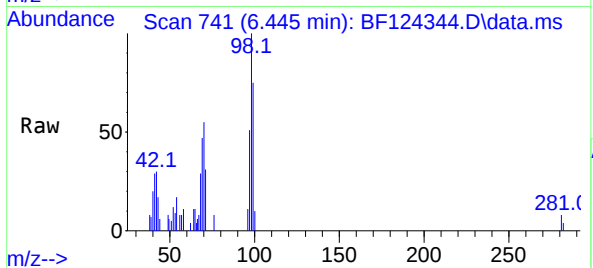
#7
Phenol-d6
Concen: 2.546 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00

Tgt Ion:	99	Resp:	7840
Ion	Ratio	Lower	Upper
99	100		
42	39.8	19.8	29.8#
71	41.5	31.1	46.7

Instrument :
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ClientSampleId :
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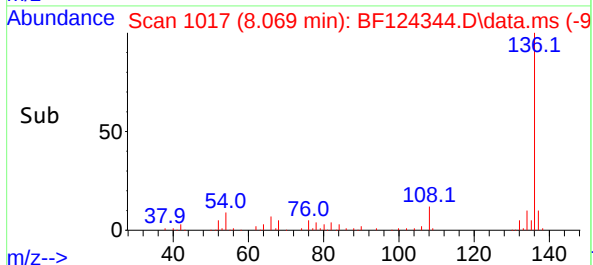
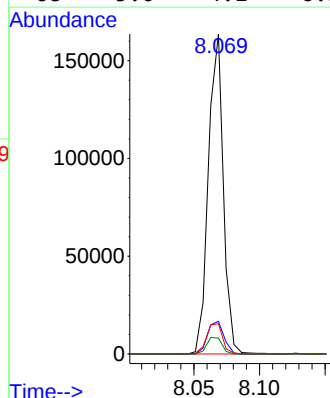
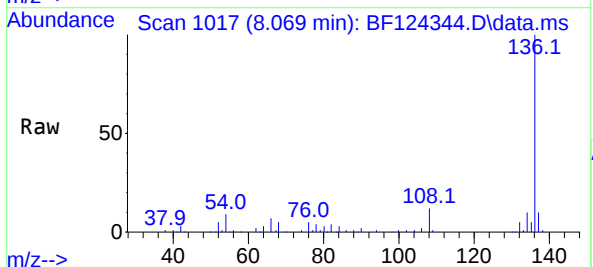
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00

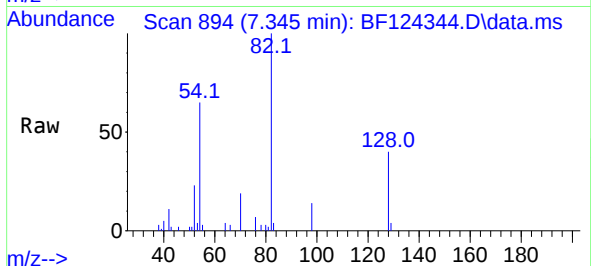
Tgt Ion:	136	Resp:	129970
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	9.5	9.8	14.6#
68	5.0	4.1	6.1





#23
Nitrobenzene-d5
Concen: 5.898 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00

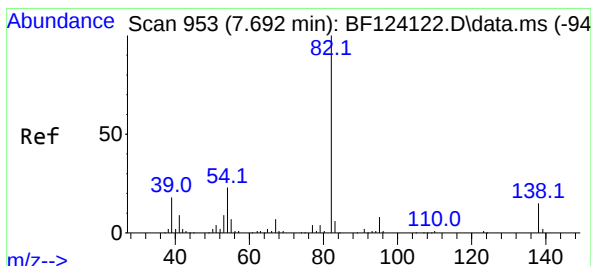
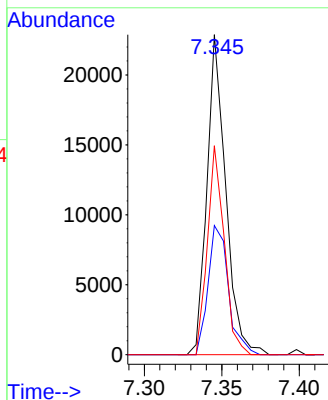
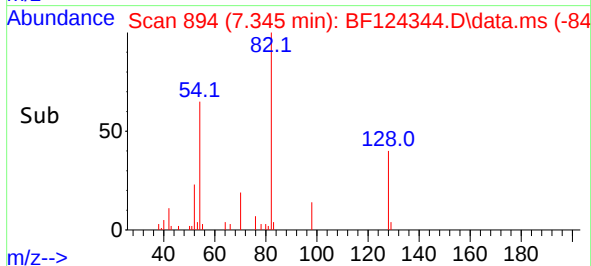
Instrument :
BNA_F
ClientSampled :
RO-VNJ-208



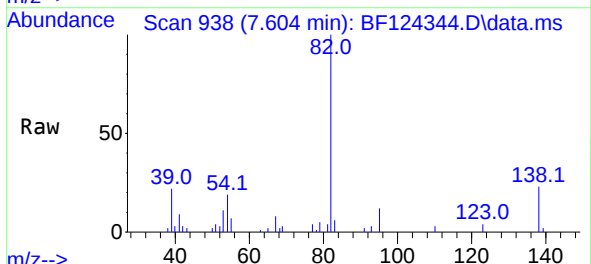
Tgt Ion: 82 Resp: 19327
Ion Ratio Lower Upper
82 100
128 40.4 29.4 44.2
54 65.3 54.1 81.1

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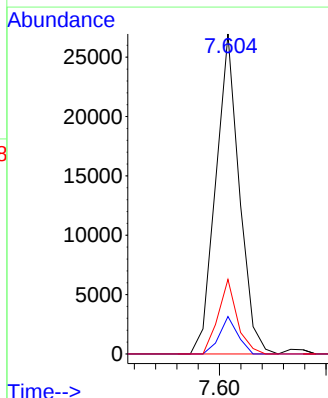
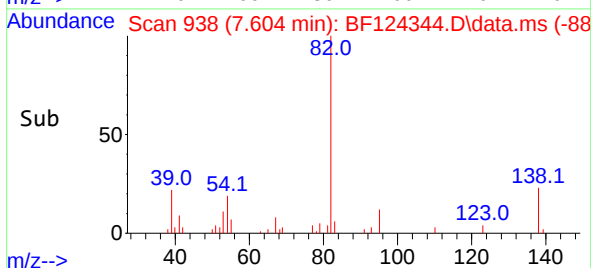
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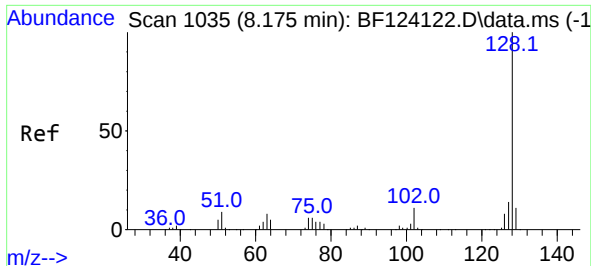


#25
Isophorone
Concen: 3.506 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.012 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00



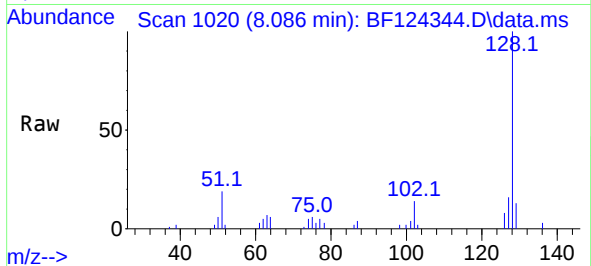
Tgt Ion: 82 Resp: 20706
Ion Ratio Lower Upper
82 100
95 11.7 5.8 8.6#
138 23.3 11.8 17.8#





#31
Naphthalene
Concen: 2.785 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00

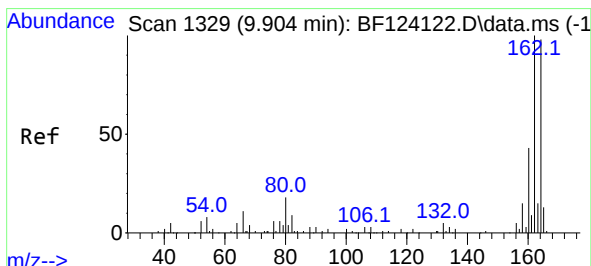
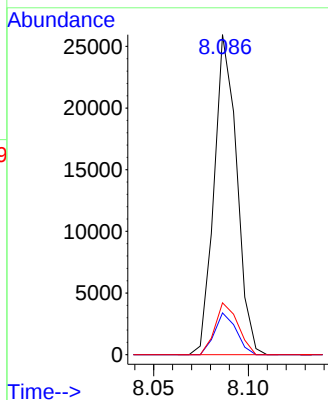
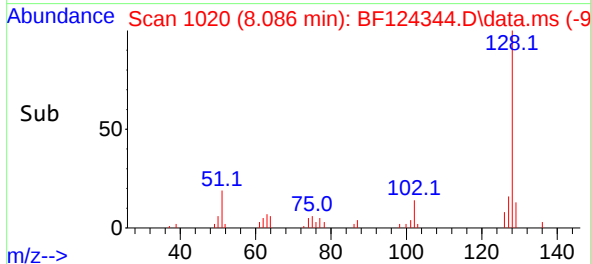
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ClientSampled :
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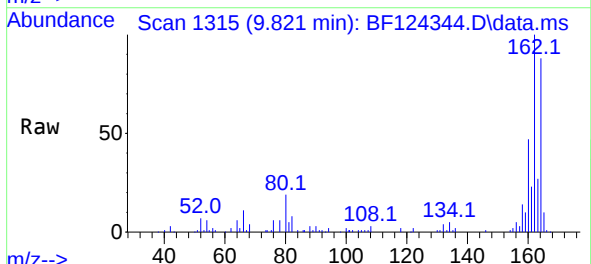
Tgt Ion:128 Resp: 21638
Ion Ratio Lower Upper
128 100
129 13.1 8.9 13.3
127 16.2 10.8 16.2

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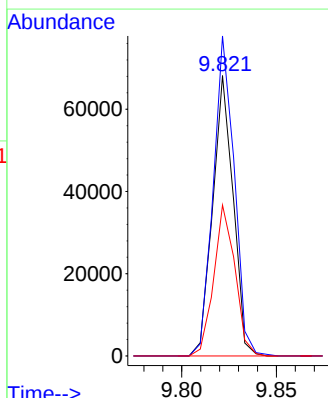
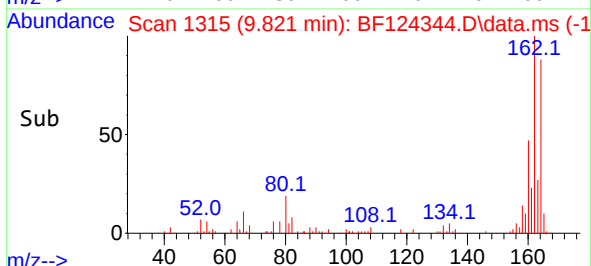
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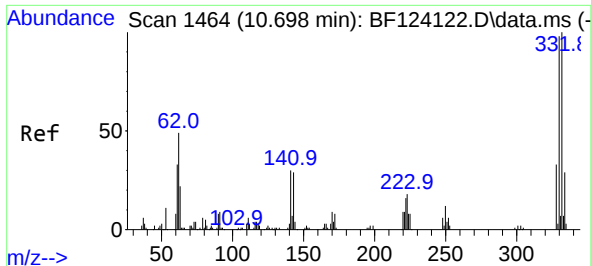


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.821 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00



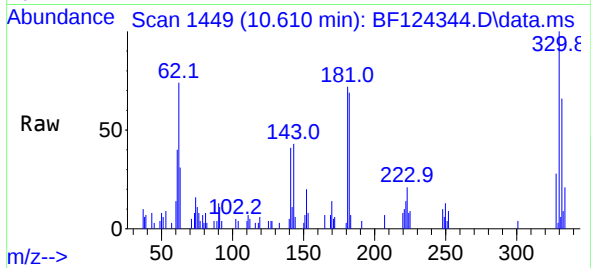
Tgt Ion:164 Resp: 51327
Ion Ratio Lower Upper
164 100
162 114.2 80.7 121.1
160 53.8 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 13.096 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00

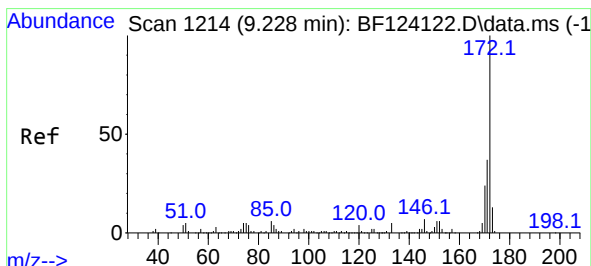
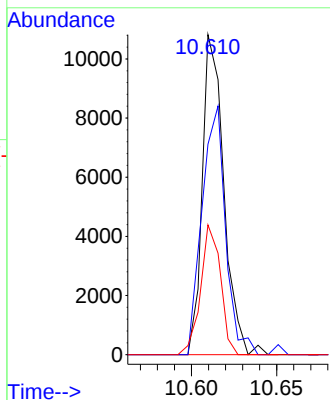
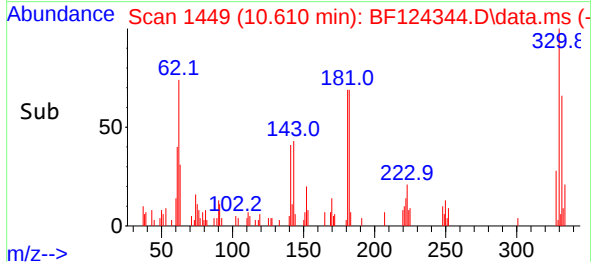
Instrument :
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ClientSampled :
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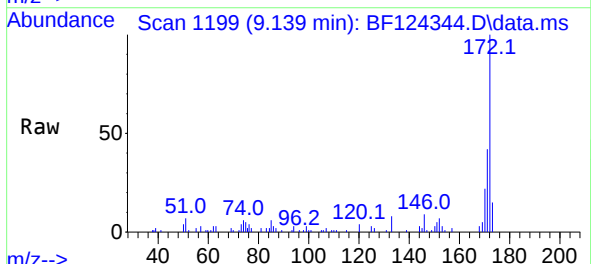
Tgt Ion: 330 Resp: 9523
Ion Ratio Lower Upper
330 100
332 85.1 77.1 115.7
141 37.4 27.9 41.9

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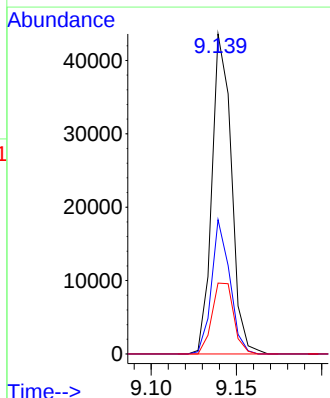
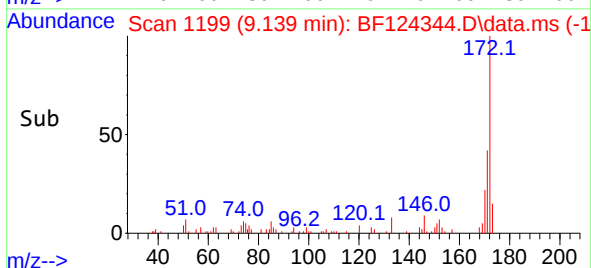
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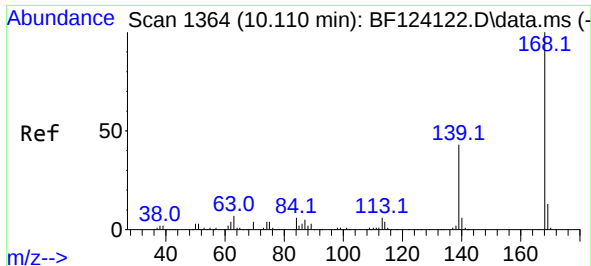


#45
2-Fluorobiphenyl
Concen: 8.501 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00

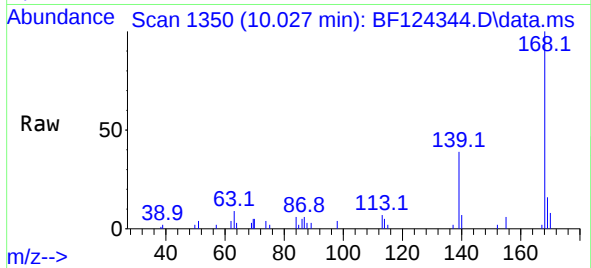


Tgt Ion: 172 Resp: 34676
Ion Ratio Lower Upper
172 100
171 42.0 28.1 42.1
170 22.2 19.2 28.8

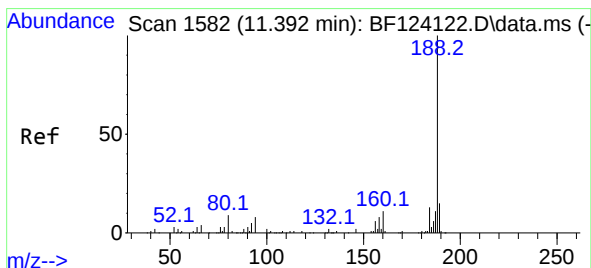
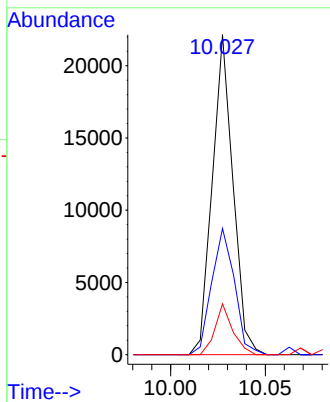
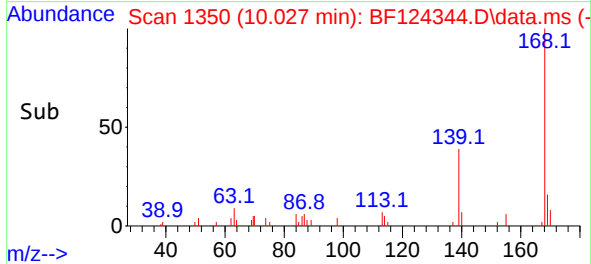




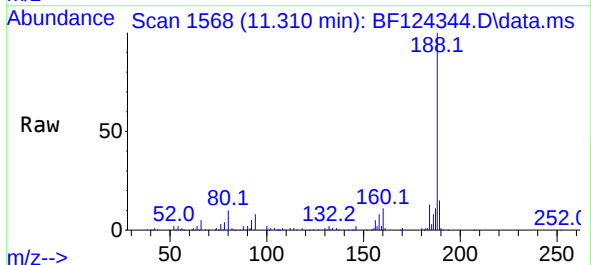
#55
Dibenzofuran
Concen: 3.215 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00



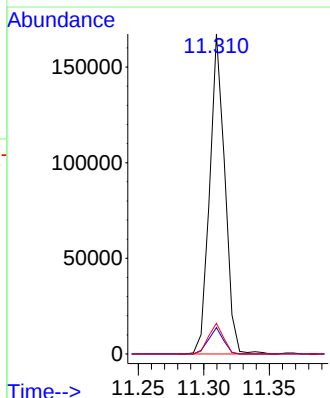
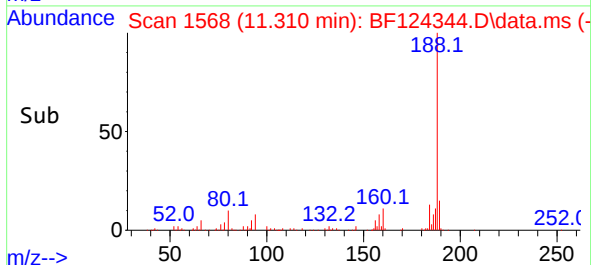
Tgt Ion:168 Resp: 16848
Ion Ratio Lower Upper
168 100
139 39.4 33.2 49.8
169 15.9 10.8 16.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00



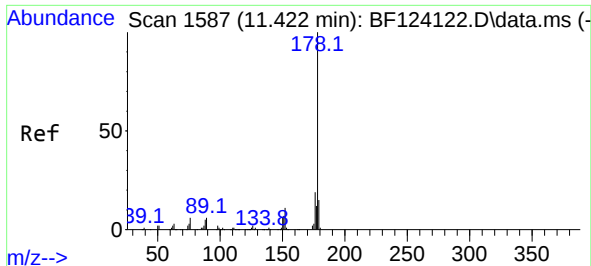
Tgt Ion:188 Resp: 134709
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 9.6 8.2 12.2



Instrument :
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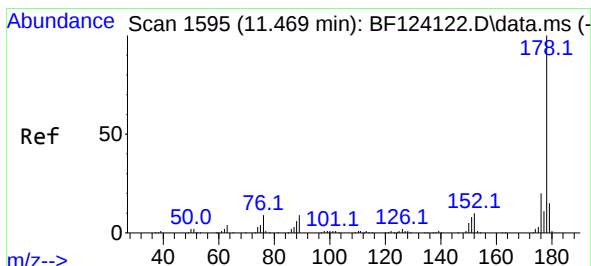
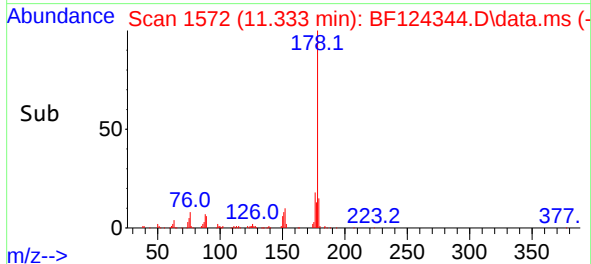
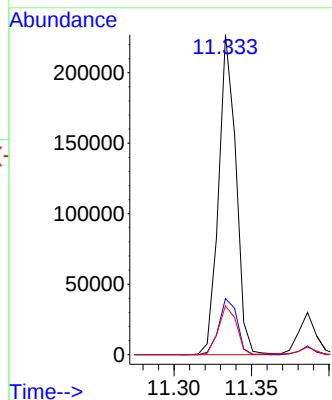
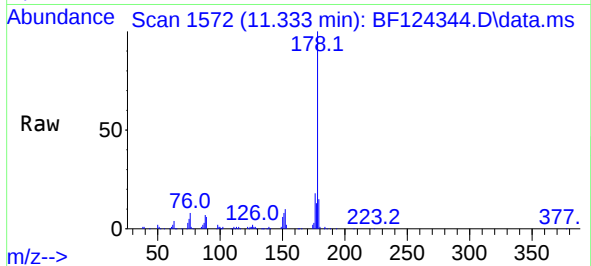
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Phenanthrene
Concen: 21.025 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00

Tgt Ion:178 Resp: 176924
Ion Ratio Lower Upper
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176 17.5 15.6 23.4
179 15.3 12.5 18.7

Instrument :
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ClientSampleId :
RO-VNJ-208

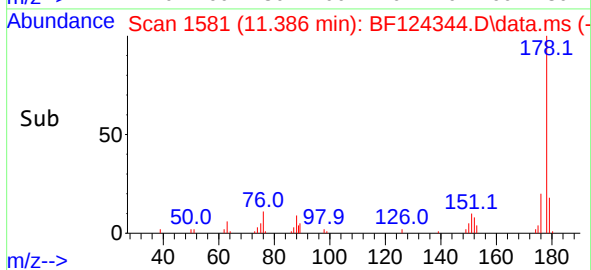
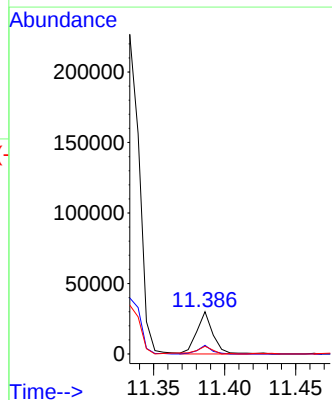
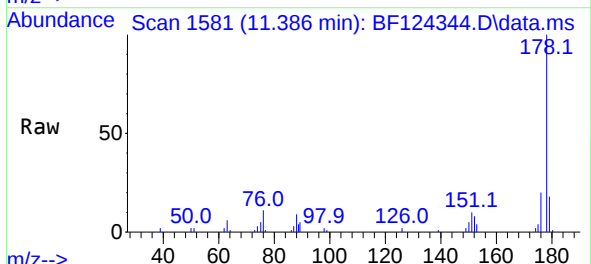
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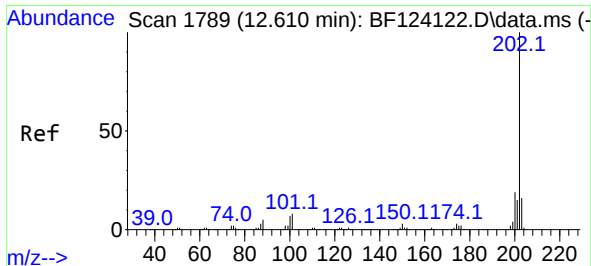
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#72
Anthracene
Concen: 2.846 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00

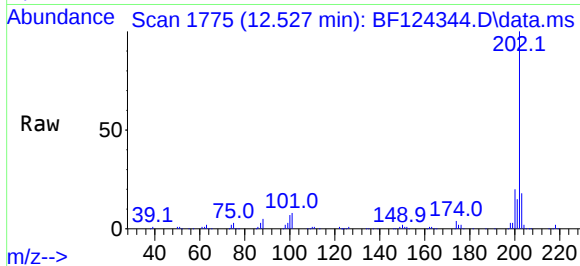
Tgt Ion:178 Resp: 24120
Ion Ratio Lower Upper
178 100
176 20.3 15.4 23.0
179 18.3 12.6 18.8





#75
Fluoranthene
Concen: 17.053 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00

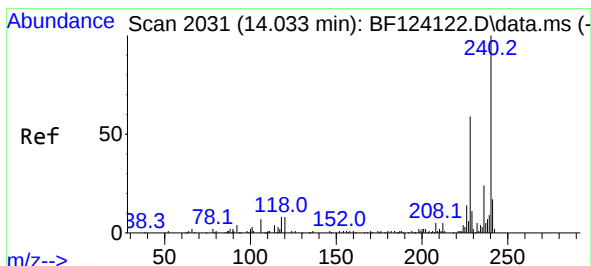
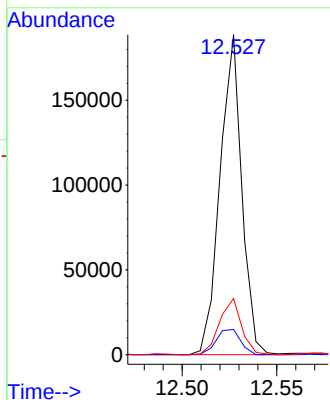
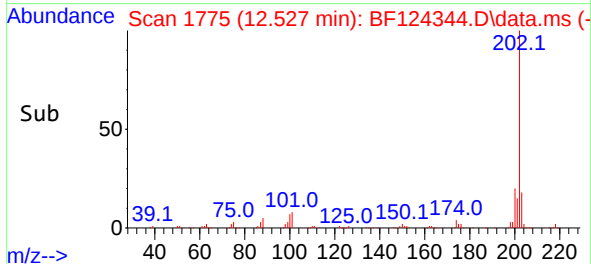
Instrument :
BNA_F
ClientSampleId :
RO-VNJ-208



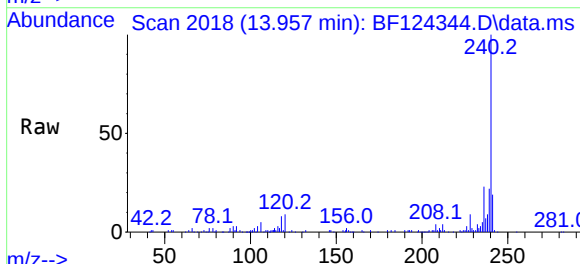
Tgt Ion:202 Resp: 150630
Ion Ratio Lower Upper
202 100
101 7.9 0.0 30.9
203 17.5 0.0 37.5

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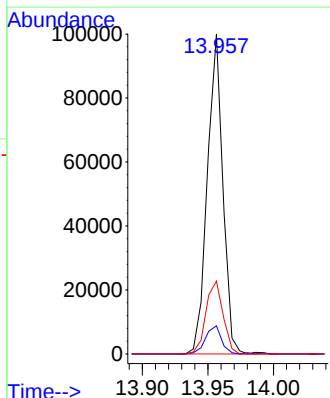
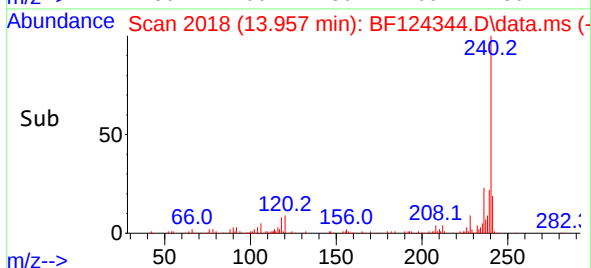
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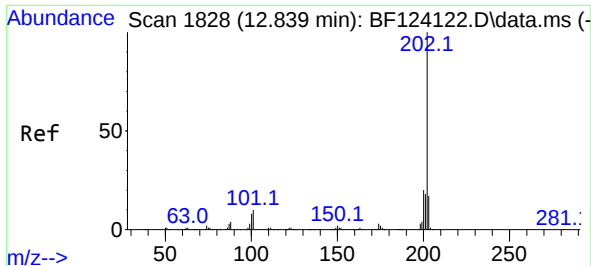


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00

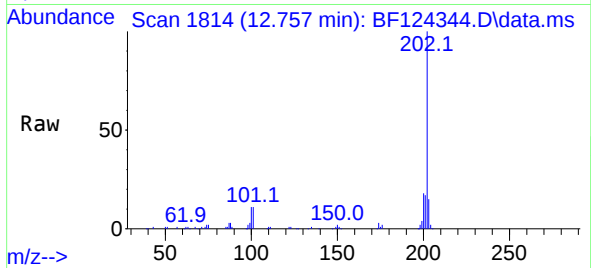


Tgt Ion:240 Resp: 82531
Ion Ratio Lower Upper
240 100
120 8.8 7.2 10.8
236 22.8 19.0 28.4

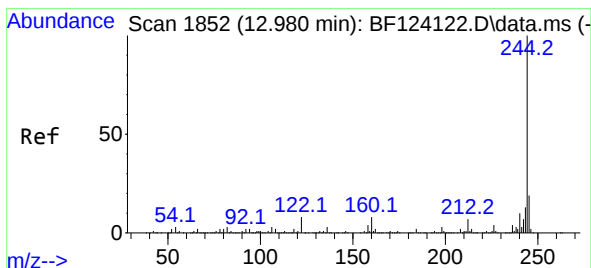
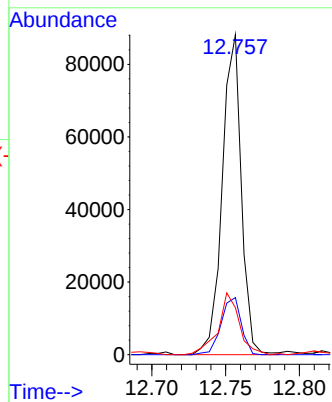
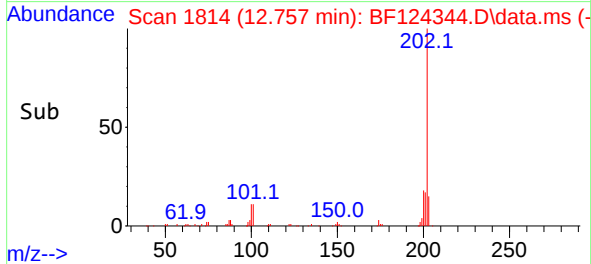




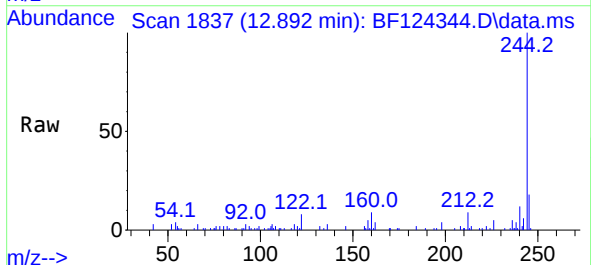
#78
Pyrene
Concen: 10.040 ng m
RT: 12.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00



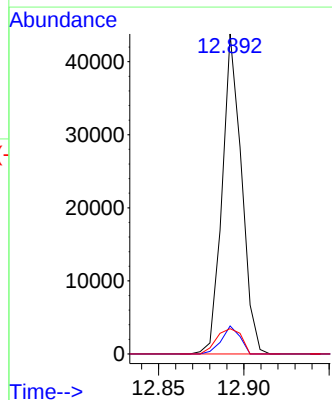
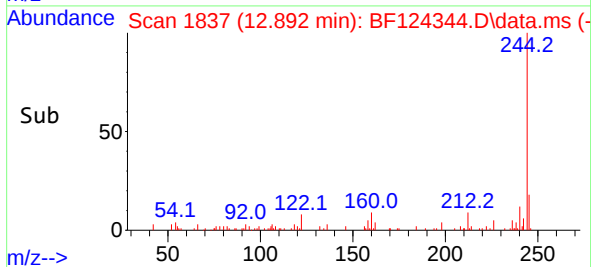
Tgt Ion:202 Resp: 79564
Ion Ratio Lower Upper
202 100
200 17.8 16.1 24.1
203 14.7 14.8 22.2#



#79
Terphenyl-d14
Concen: 5.761 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.012 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00



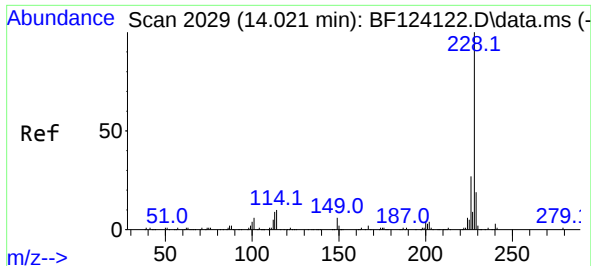
Tgt Ion:244 Resp: 34628
Ion Ratio Lower Upper
244 100
212 8.7 5.7 8.5#
122 7.9 9.7 14.5#



Instrument :
BNA_F
ClientSampled :
RO-VNJ-208

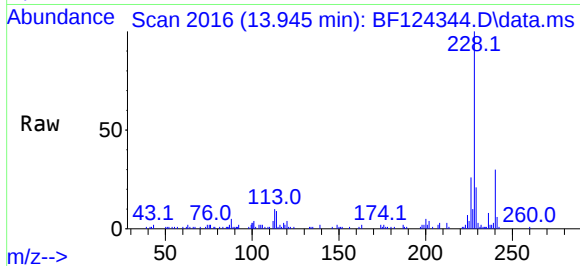
Manual Integrations
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#81
Benzo(a)anthracene
Concen: 8.746 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00

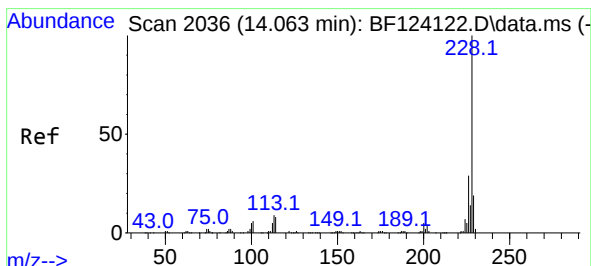
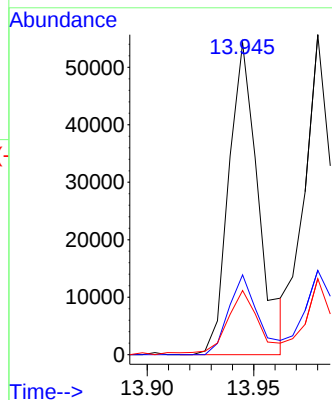
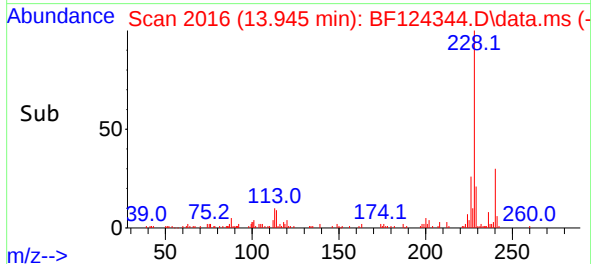
Instrument :
BNA_F
ClientSampled :
RO-VNJ-208



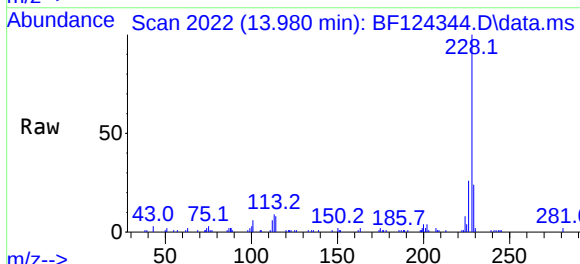
Tgt Ion:228 Resp: 52583
Ion Ratio Lower Upper
228 100
226 25.6 22.4 33.6
229 20.6 16.0 24.0

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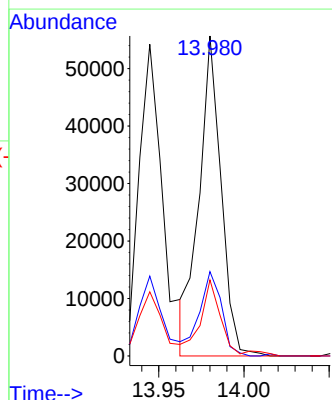
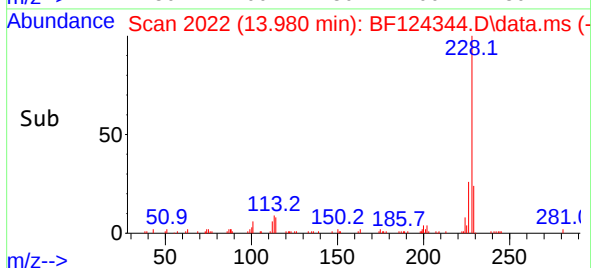
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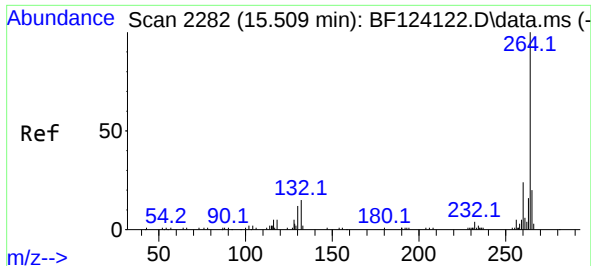


#83
Chrysene
Concen: 8.642 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00



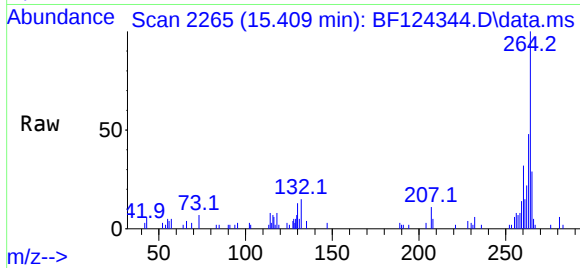
Tgt Ion:228 Resp: 50128
Ion Ratio Lower Upper
228 100
226 26.3 24.3 36.5
229 23.8 16.2 24.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00

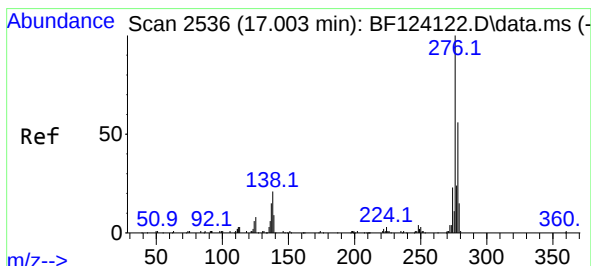
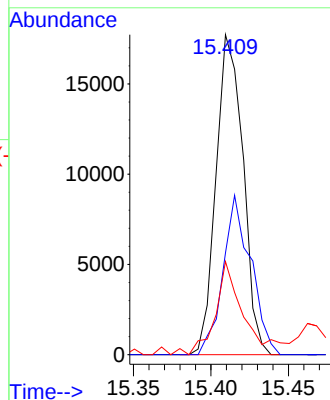
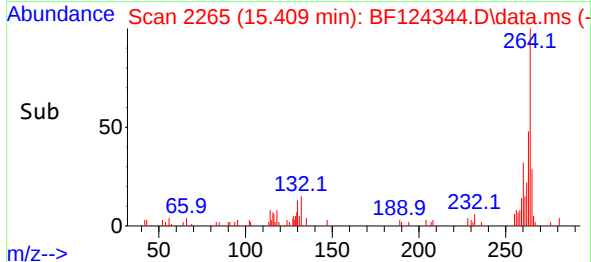
Instrument :
BNA_F
ClientSampled :
RO-VNJ-208



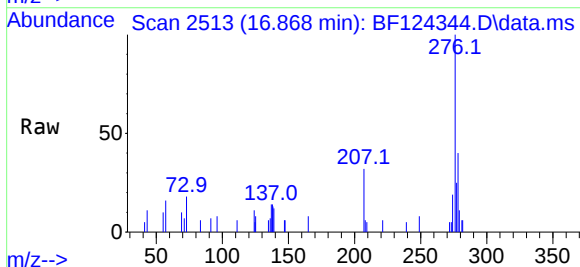
Tgt Ion:264 Resp: 21461
Ion Ratio Lower Upper
264 100
260 31.8 18.7 28.1#
265 29.1 17.8 26.8#

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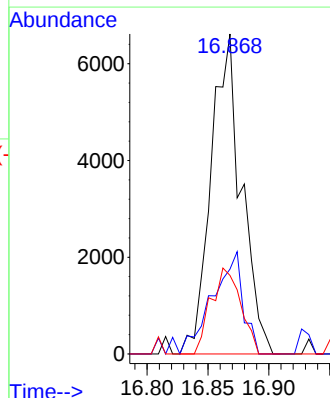
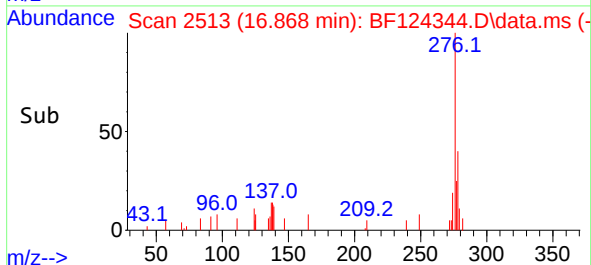
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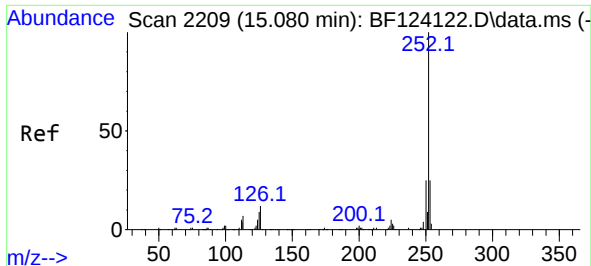


#87
Indeno(1,2,3-cd)pyrene
Concen: 10.215 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.006 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00



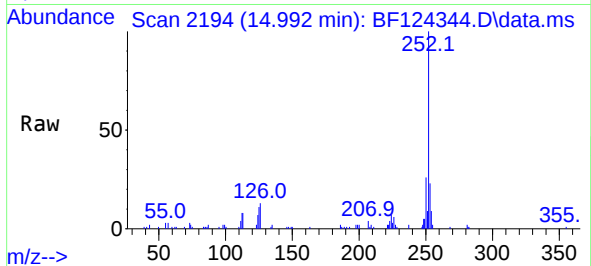
Tgt Ion:276 Resp: 11546
Ion Ratio Lower Upper
276 100
138 32.9 16.2 24.2#
277 26.2 20.1 30.1





#88
Benzo(b)fluoranthene
Concen: 29.615 ng m
RT: 14.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00

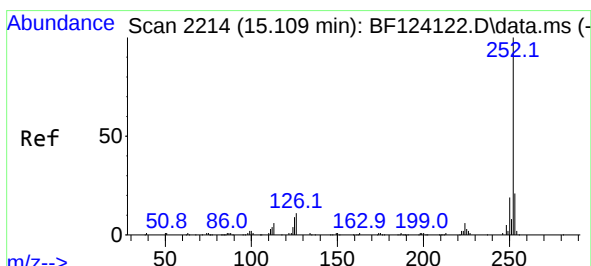
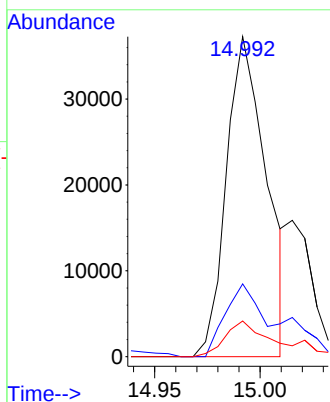
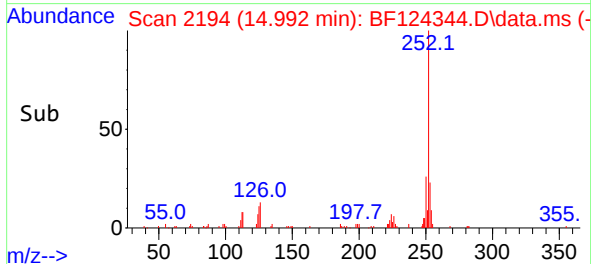
Instrument :
BNA_F
ClientSampleId :
RO-VNJ-208



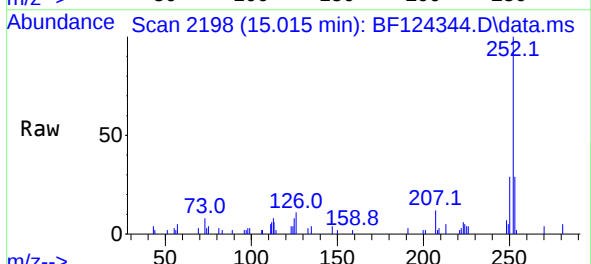
Tgt Ion:252 Resp: 49372
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 11.2 6.2 9.4#

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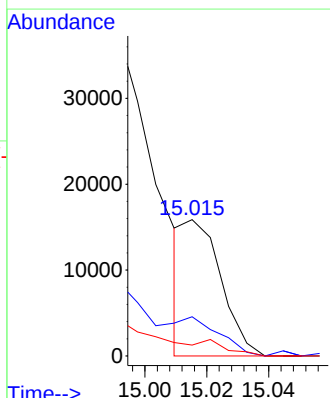
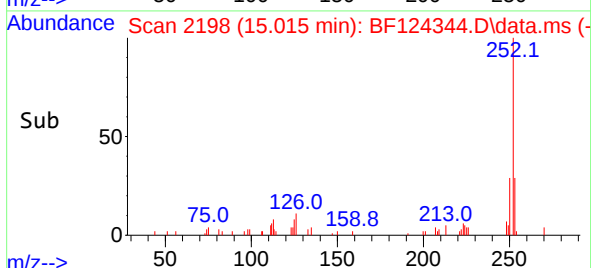
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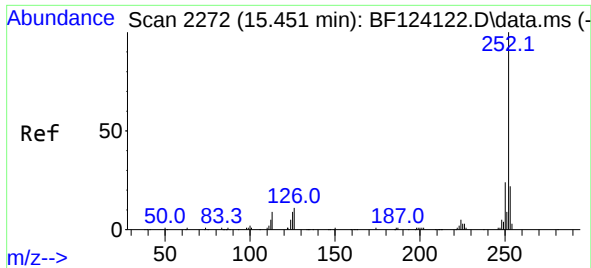


#89
Benzo(k)fluoranthene
Concen: 8.260 ng m
RT: 15.015 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00



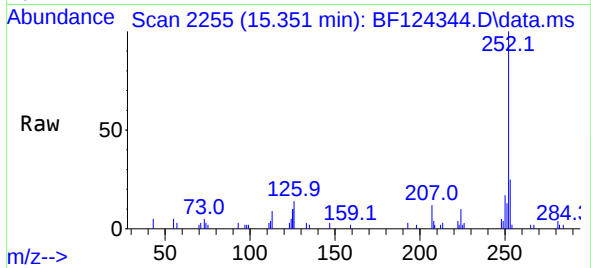
Tgt Ion:252 Resp: 13036
Ion Ratio Lower Upper
252 100
253 28.8 17.9 26.9#
125 8.0 7.0 10.6





#90
Benzo(a)pyrene
Concen: 13.476 ng
RT: 15.351 min Scan# 2255
Delta R.T. -0.006 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00

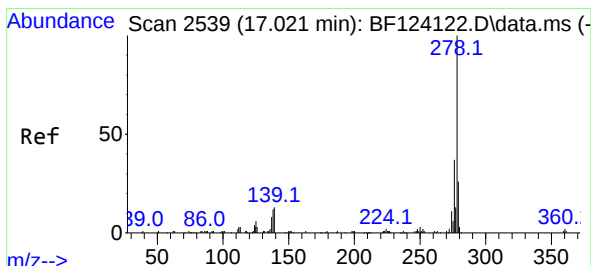
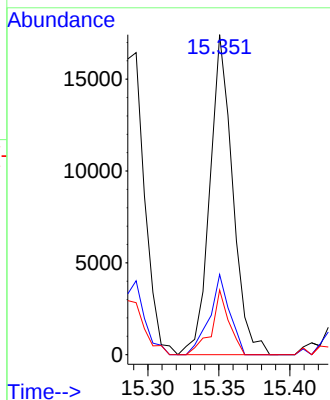
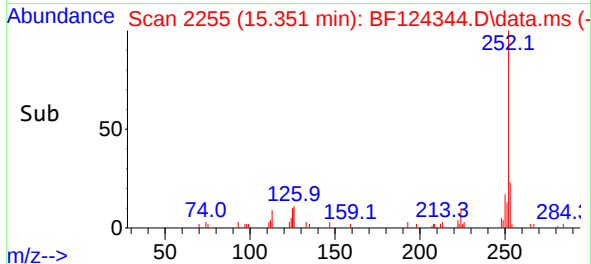
Instrument :
BNA_F
ClientSampleId :
RO-VNJ-208



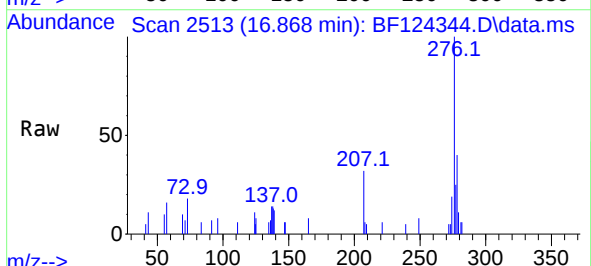
Tgt Ion:252 Resp: 19513
Ion Ratio Lower Upper
252 100
253 25.1 18.4 27.6
125 20.2 8.0 12.0#

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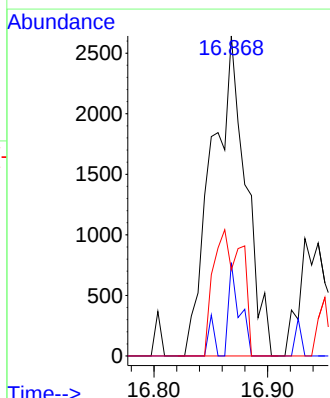
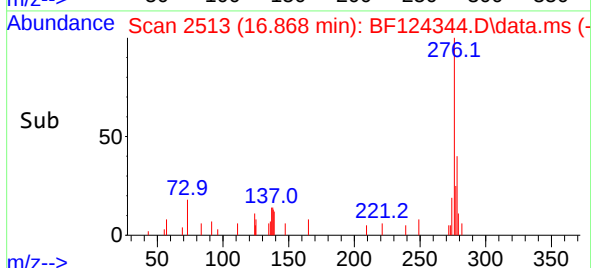
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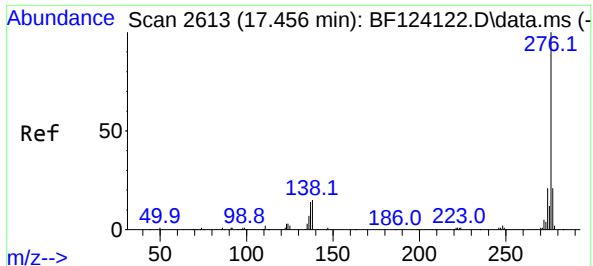


#91
Dibenzo(a,h)anthracene
Concen: 7.488 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.018 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00



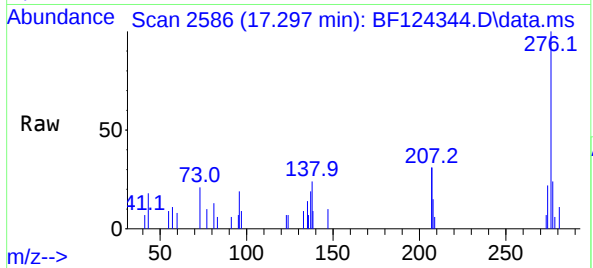
Tgt Ion:278 Resp: 5532
Ion Ratio Lower Upper
278 100
139 29.2 10.2 15.2#
279 26.9 19.4 29.0





#92
Benzo(g,h,i)perylene
Concen: 9.252 ng
RT: 17.297 min Scan# 2586
Delta R.T. -0.018 min
Lab File: BF124344.D
Acq: 16 Jun 2021 14:00

Instrument :
BNA_F
ClientSampleId :
RO-VNJ-208



Tgt Ion: 276 Resp: 8897
Ion Ratio Lower Upper
276 100
277 23.6 18.2 27.2
138 33.2 13.8 20.6#

Manual Integrations
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