

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
 Data File : BF124242.D
 Acq On : 10 Jun 2021 20:22
 Operator : JU/CG
 Sample : M2643-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11934

Manual Integrations
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Quant Time: Jun 11 01:25:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 10 01:53:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	31633	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	116205	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	68501	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	115970	20.000	ng	# 0.00
76) Chrysene-d12	14.016	240	79977	20.000	ng	0.00
86) Perylene-d12	15.492	264	86604	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	138480	65.899	ng	0.00
7) Phenol-d6	6.487	99	177262	62.757	ng	-0.01
23) Nitrobenzene-d5	7.410	82	142272	48.558	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	59508	61.317	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	275067	50.530	ng	0.00
79) Terphenyl-d14	12.957	244	245799	42.196	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.598	163	31230	5.510	ng	100
71) Phenanthrene	11.392	178	28067	3.874	ng	# 90
75) Fluoranthene	12.586	202	41307	5.432	ng	97
78) Pyrene	12.816	202	35859	4.669	ng	98
81) Benzo(a)anthracene	14.004	228	15432	2.649	ng	97
83) Chrysene	14.039	228	17183m	3.057	ng	
87) Indeno(1,2,3-cd)pyrene	16.974	276	9995	5.597	ng	95
88) Benzo(b)fluoranthene	15.057	252	25908m	3.851	ng	
90) Benzo(a)pyrene	15.427	252	15595	2.669	ng	# 98
91) Dibenzo(a,h)anthracene	16.980	278	2928	4.609	ng	# 55
92) Benzo(g,h,i)perylene	17.409	276	9499	5.248	ng	# 72

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

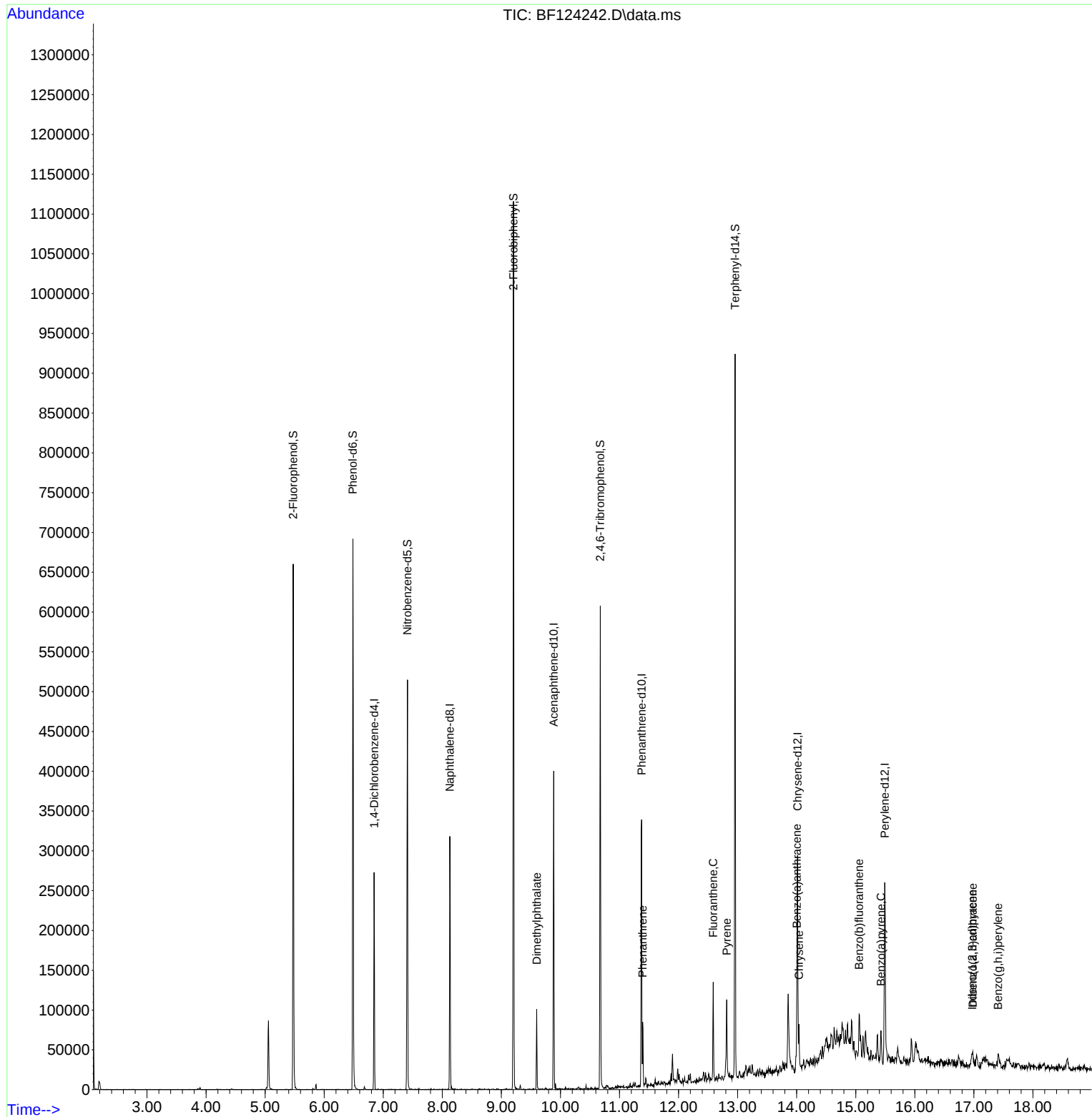
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Data File : BF124242.D
Acq On : 10 Jun 2021 20:22
Operator : JU/CG
Sample : M2643-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

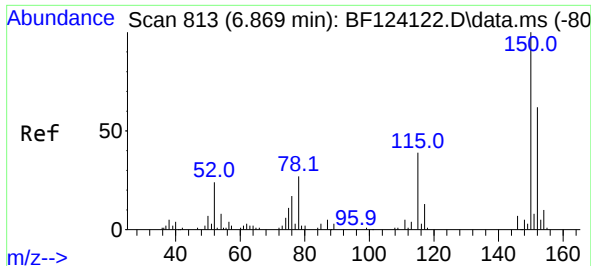
Instrument :
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ClientSampleId :
11934

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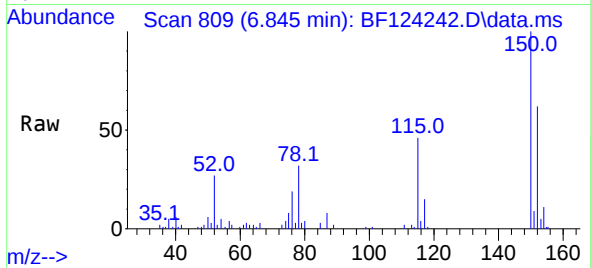
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Quant Time: Jun 11 01:25:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 10 01:53:56 2021
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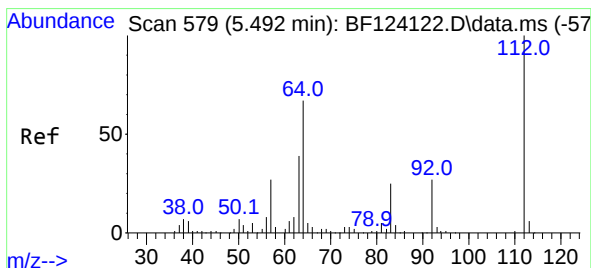
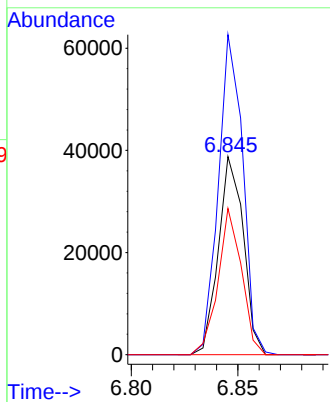
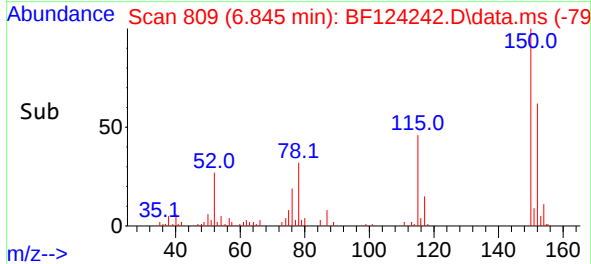




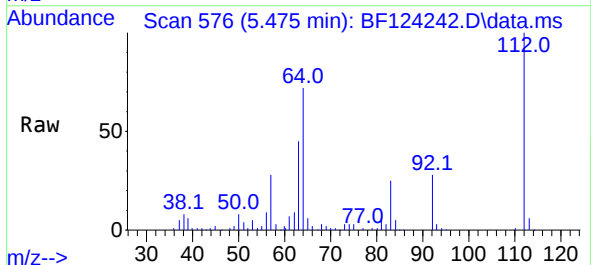
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF124242.D
Acq: 10 Jun 2021 20:22



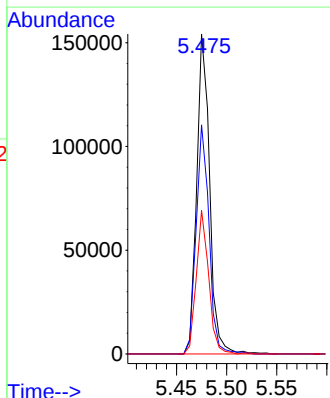
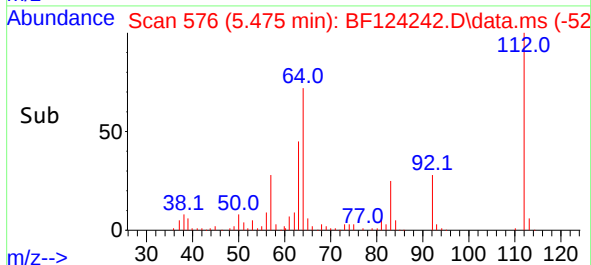
Tgt Ion:152 Resp: 31633
Ion Ratio Lower Upper
152 100
150 161.6 127.0 190.6
115 73.9 54.3 81.5



#5
2-Fluorophenol
Concen: 65.899 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124242.D
Acq: 10 Jun 2021 20:22



Tgt Ion:112 Resp: 138480
Ion Ratio Lower Upper
112 100
64 71.6 61.4 92.0
63 44.9 33.0 49.4



Instrument :
BNA_F
ClientSampled :
11934

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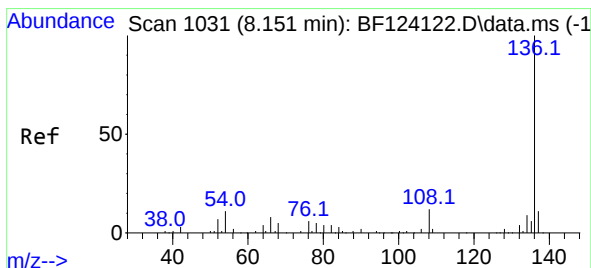
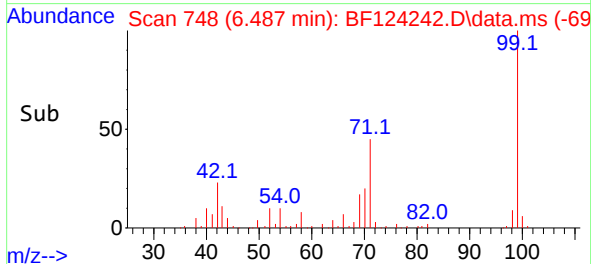
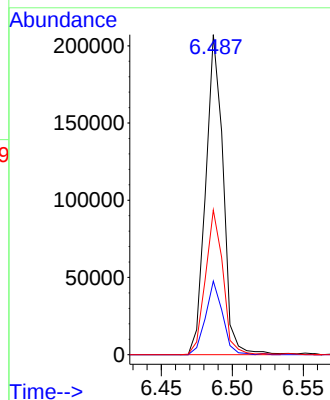
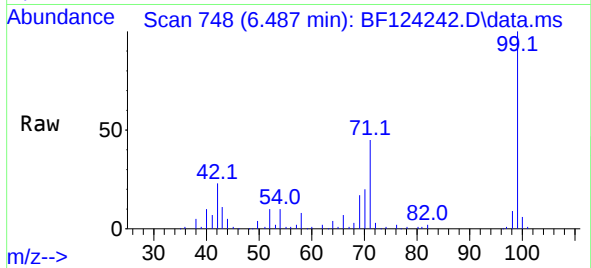
#7
Phenol-d6
Concen: 62.757 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF124242.D
Acq: 10 Jun 2021 20:22

Tgt Ion:	99	Resp:	177262
Ion	Ratio	Lower	Upper
99	100		
42	23.0	19.8	29.8
71	45.2	31.1	46.7

Instrument :
BNA_F
ClientSampleId :
11934

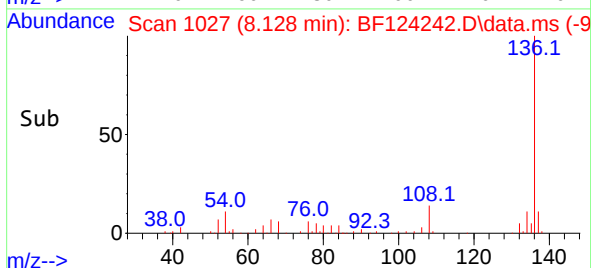
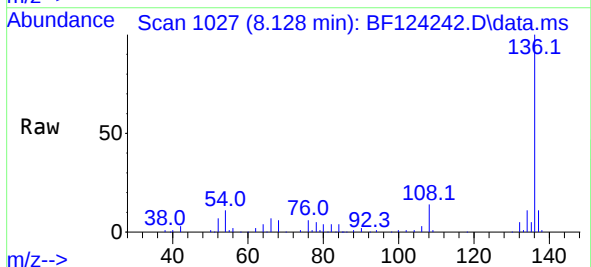
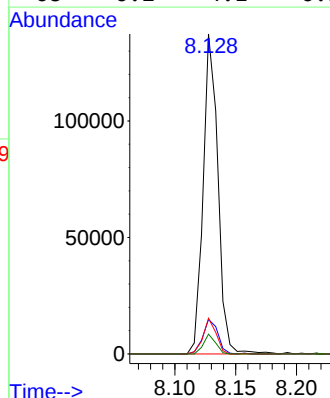
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF124242.D
Acq: 10 Jun 2021 20:22

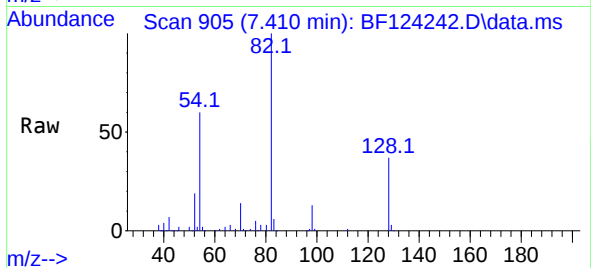
Tgt Ion:	136	Resp:	116205
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	11.2	9.8	14.6
68	6.2	4.1	6.1





#23
Nitrobenzene-d5
Concen: 48.558 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF124242.D
Acq: 10 Jun 2021 20:22

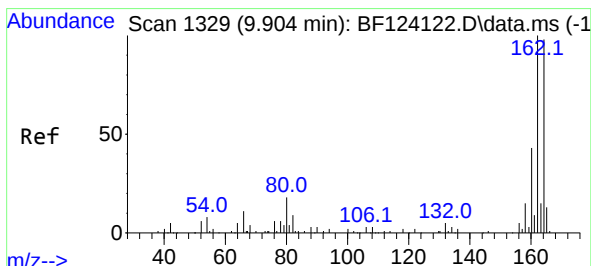
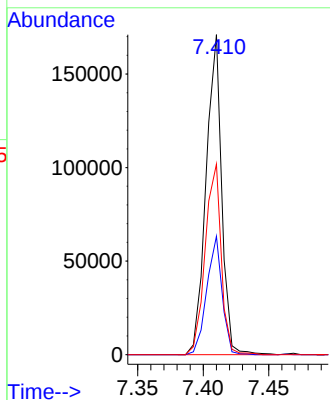
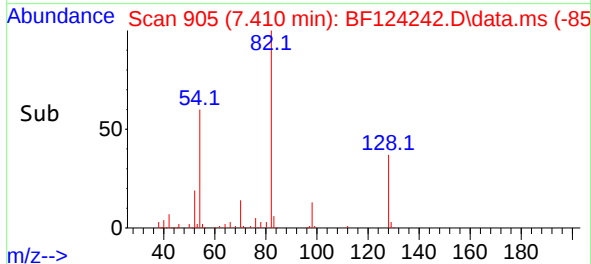
Instrument :
BNA_F
ClientSampled :
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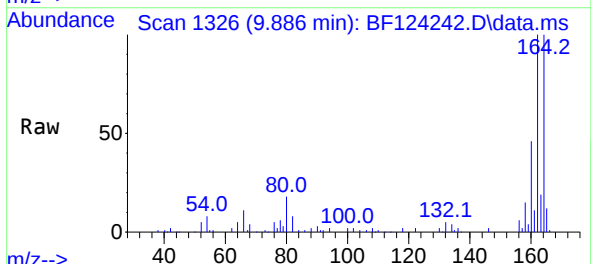
Tgt Ion: 82 Resp: 142272
Ion Ratio Lower Upper
82 100
128 37.0 29.4 44.2
54 59.5 54.1 81.1

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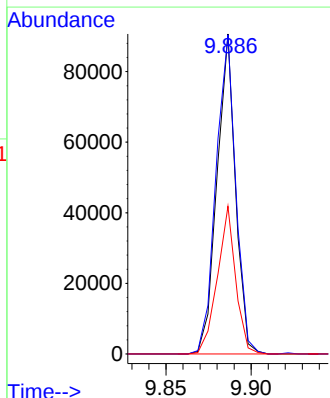
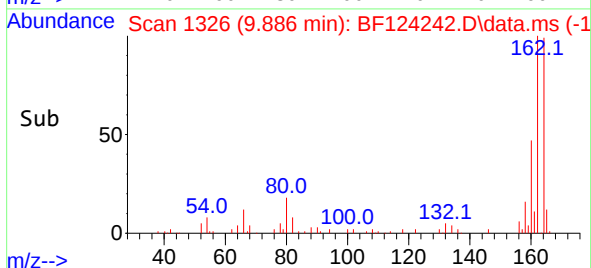
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF124242.D
Acq: 10 Jun 2021 20:22



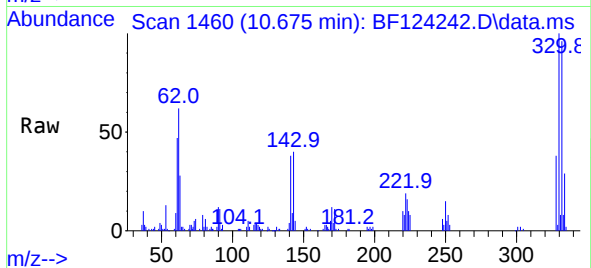
Tgt Ion: 164 Resp: 68501
Ion Ratio Lower Upper
164 100
162 99.7 80.7 121.1
160 46.2 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 61.317 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124242.D
Acq: 10 Jun 2021 20:22

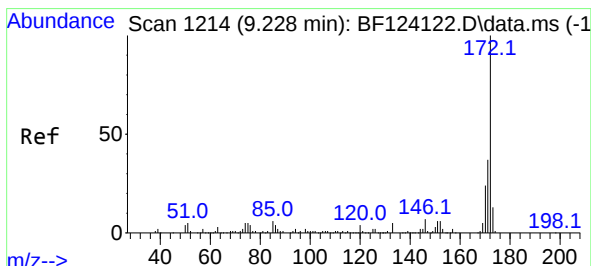
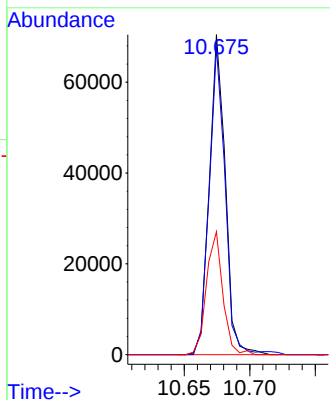
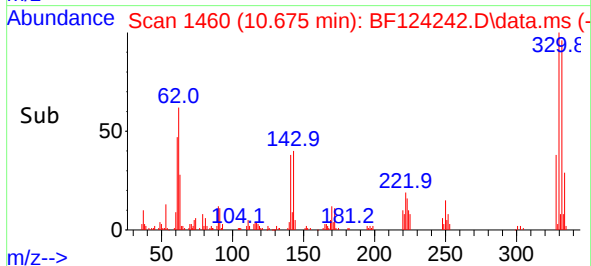
Instrument :
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ClientSampled :
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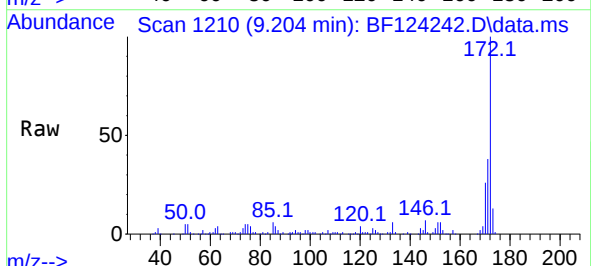
Tgt Ion: 330 Resp: 59508
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 39.6 27.9 41.9

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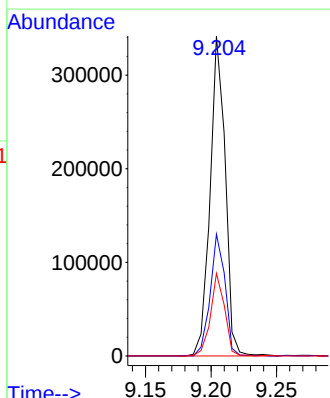
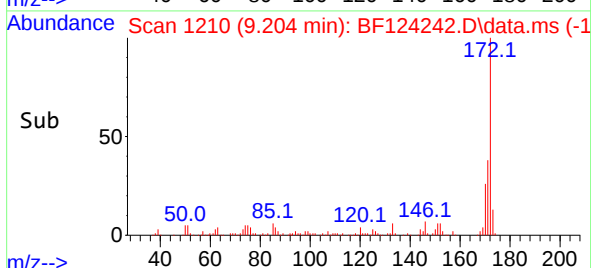
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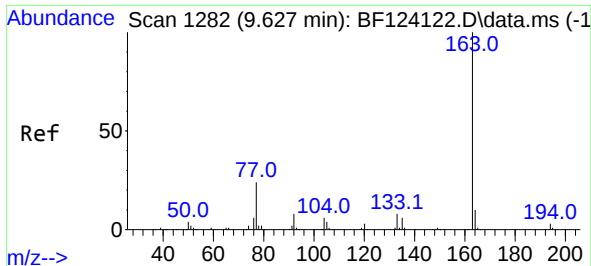


#45
2-Fluorobiphenyl
Concen: 50.530 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF124242.D
Acq: 10 Jun 2021 20:22

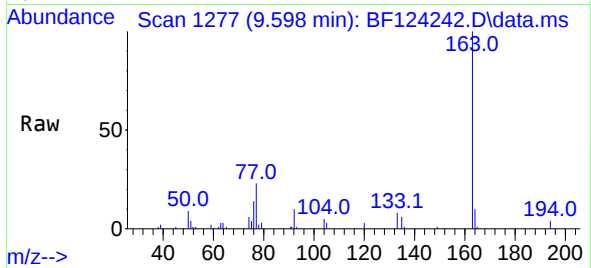


Tgt Ion: 172 Resp: 275067
Ion Ratio Lower Upper
172 100
171 38.1 28.1 42.1
170 25.8 19.2 28.8

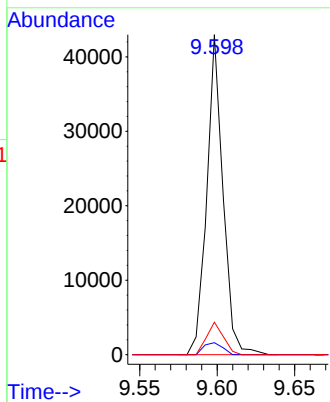




#50
Dimethylphthalate
Concen: 5.510 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.017 min
Lab File: BF124242.D
Acq: 10 Jun 2021 20:22



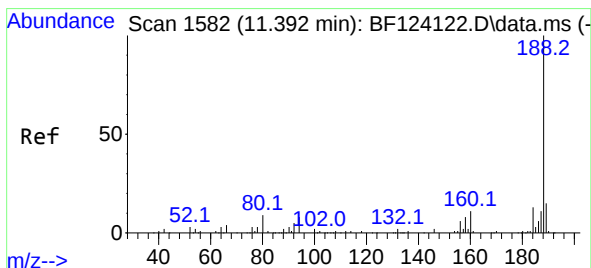
Tgt Ion:163 Resp: 31230
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.2 8.2 12.2



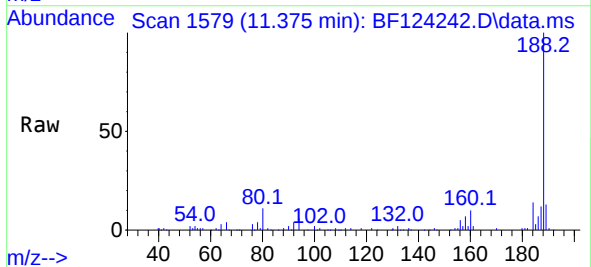
Instrument :
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11934

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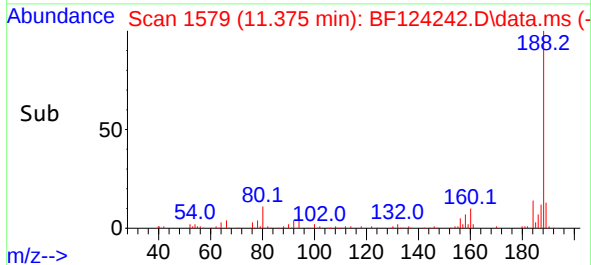
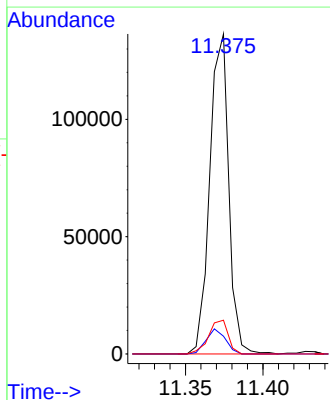
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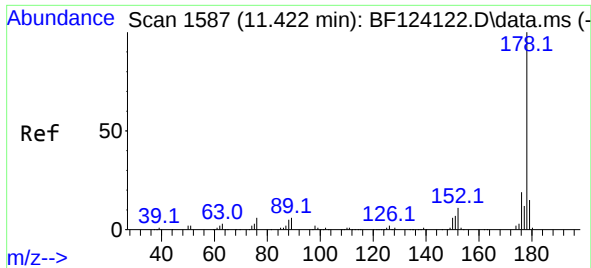


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF124242.D
Acq: 10 Jun 2021 20:22



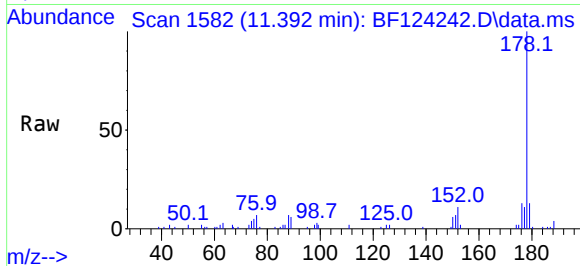
Tgt Ion:188 Resp: 115970
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 10.5 8.2 12.2





#71
Phenanthrene
Concen: 3.874 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF124242.D
Acq: 10 Jun 2021 20:22

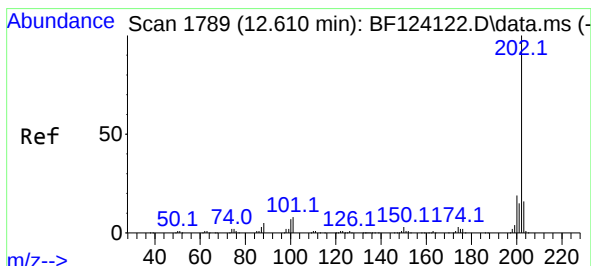
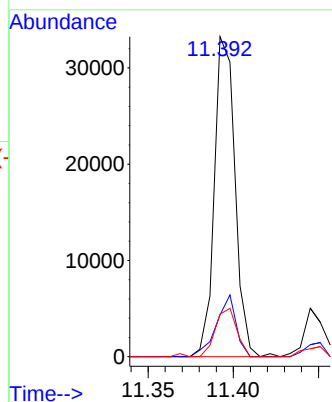
Instrument :
BNA_F
ClientSampled :
11934



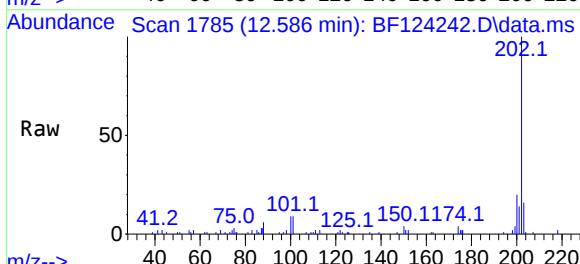
Tgt Ion:178 Resp: 28067
Ion Ratio Lower Upper
178 100
176 13.1 15.6 23.4#
179 13.3 12.5 18.7

Manual Integrations
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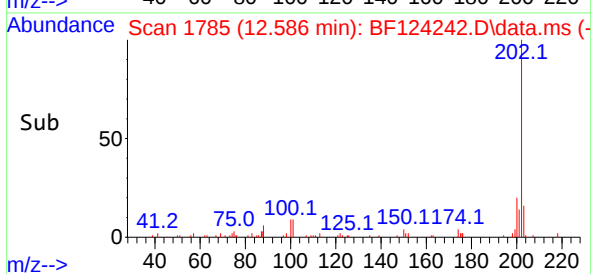
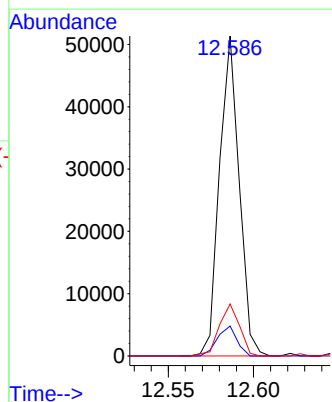
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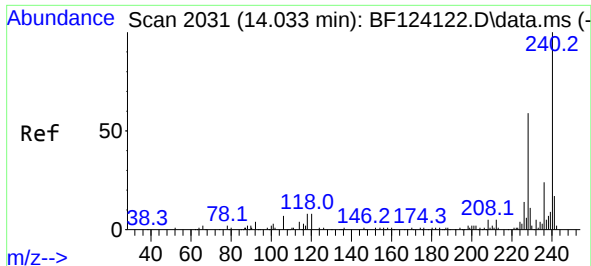


#75
Fluoranthene
Concen: 5.432 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF124242.D
Acq: 10 Jun 2021 20:22



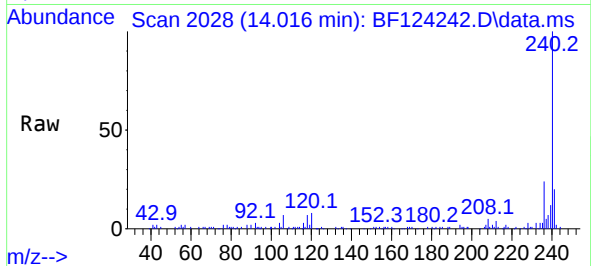
Tgt Ion:202 Resp: 41307
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.9
203 16.2 0.0 37.5





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124242.D
Acq: 10 Jun 2021 20:22

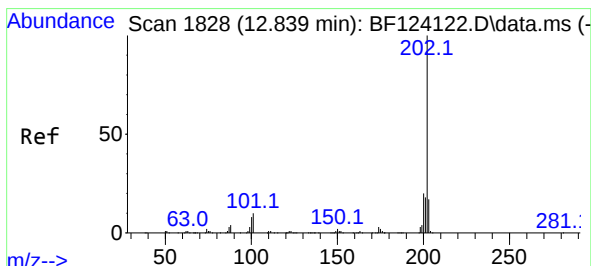
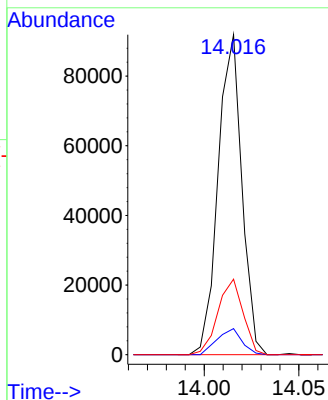
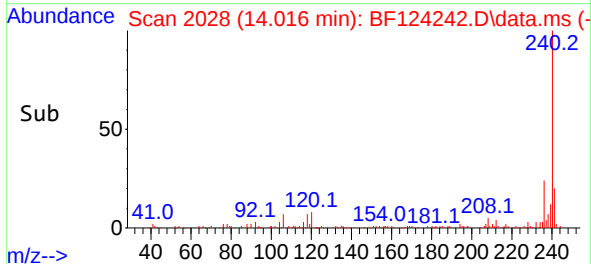
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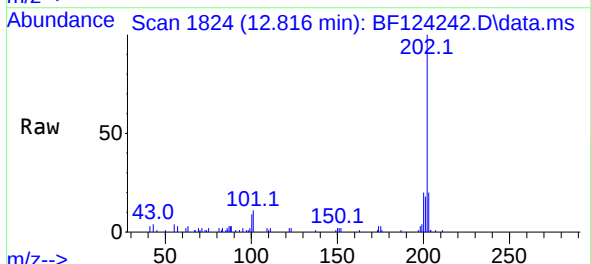
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Ion Ratio Lower Upper
240 100
120 8.2 7.2 10.8
236 23.6 19.0 28.4

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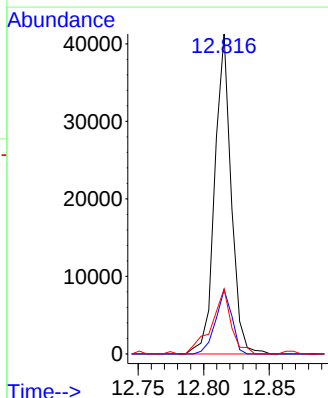
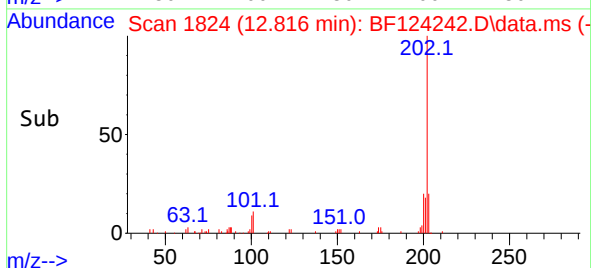
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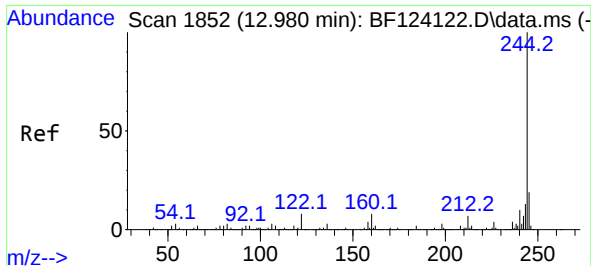


#78
Pyrene
Concen: 4.669 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF124242.D
Acq: 10 Jun 2021 20:22



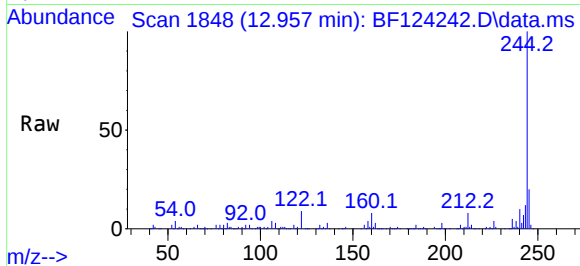
Tgt Ion:202 Resp: 35859
Ion Ratio Lower Upper
202 100
200 20.1 16.1 24.1
203 20.3 14.8 22.2





#79
Terphenyl-d14
Concen: 42.196 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124242.D
Acq: 10 Jun 2021 20:22

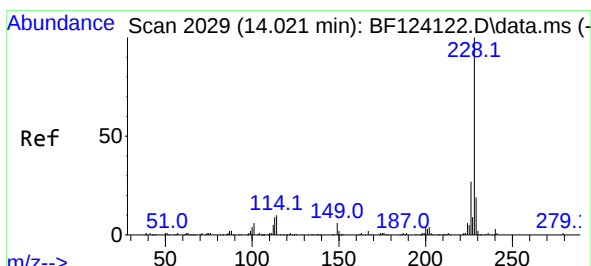
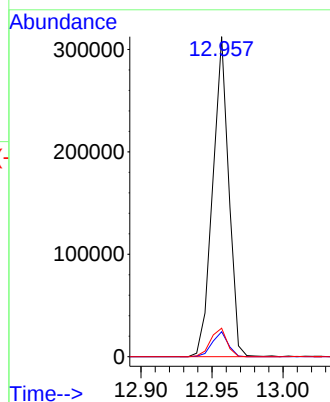
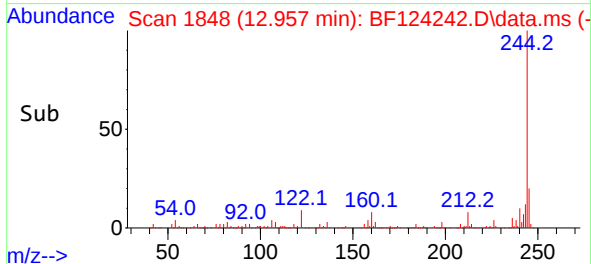
Instrument :
BNA_F
ClientSampled :
11934



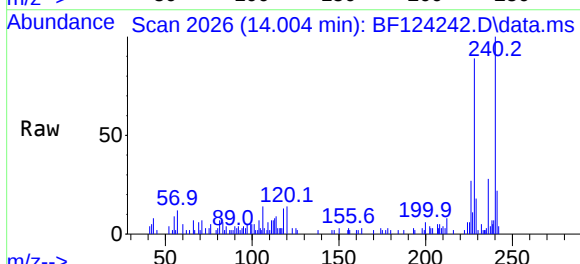
Tgt Ion:244 Resp: 245799
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 8.9 9.7 14.5#

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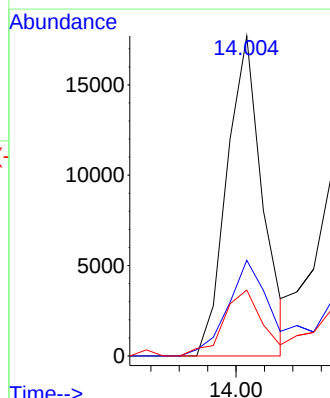
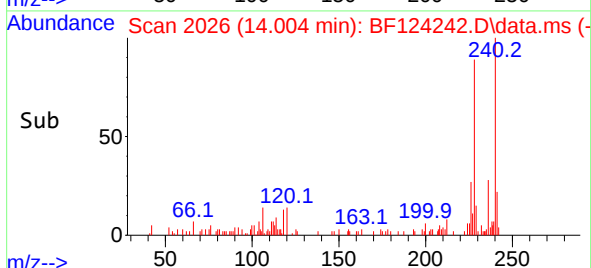
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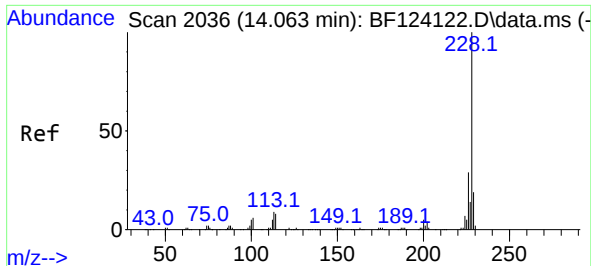


#81
Benzo(a)anthracene
Concen: 2.649 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF124242.D
Acq: 10 Jun 2021 20:22



Tgt Ion:228 Resp: 15432
Ion Ratio Lower Upper
228 100
226 29.9 22.4 33.6
229 20.6 16.0 24.0





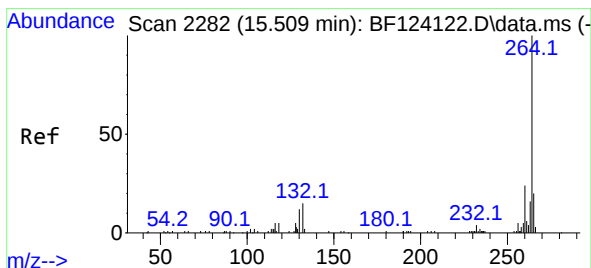
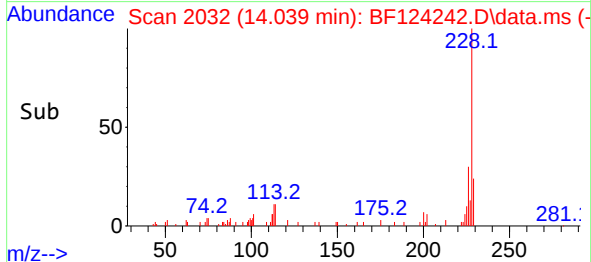
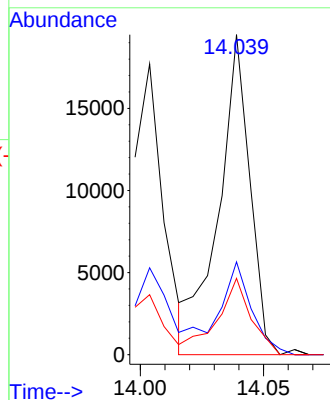
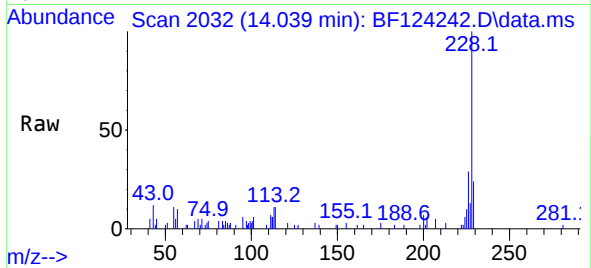
#83
Chrysene
Concen: 3.057 ng m
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF124242.D
Acq: 10 Jun 2021 20:22

Tgt Ion:228	Resp:	17183
Ion Ratio	Lower	Upper
228	100	
226	29.0	24.3 36.5
229	23.8	16.2 24.2

Instrument :
BNA_F
ClientSampled :
11934

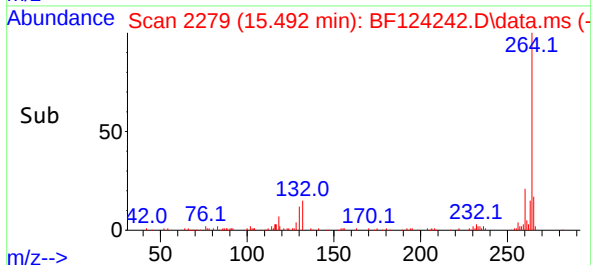
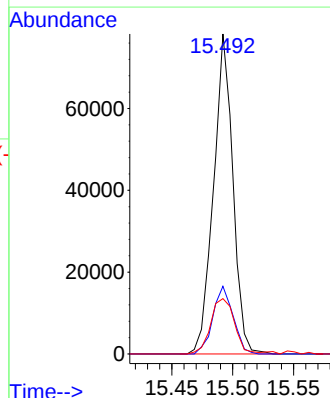
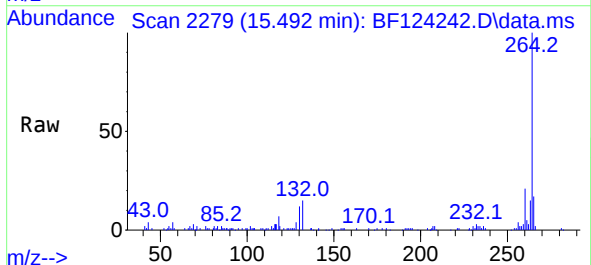
Manual Integrations
APPROVED

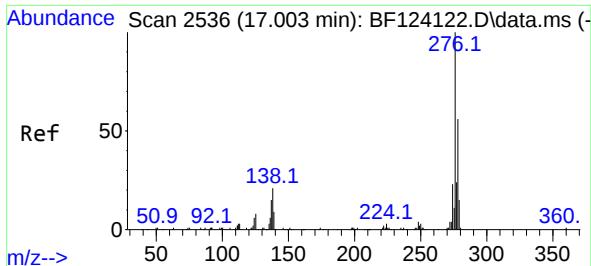
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF124242.D
Acq: 10 Jun 2021 20:22

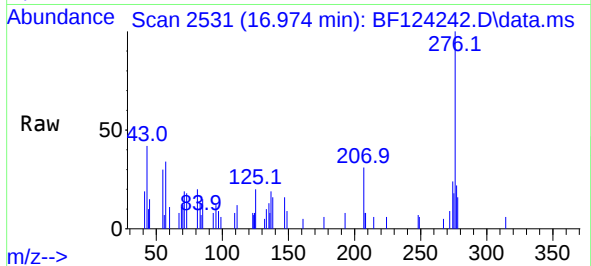
Tgt Ion:264	Resp:	86604
Ion Ratio	Lower	Upper
264	100	
260	21.1	18.7 28.1
265	17.3	17.8 26.8#





#87
Indeno(1,2,3-cd)pyrene
Concen: 5.597 ng
RT: 16.974 min Scan# 2531
Delta R.T. -0.006 min
Lab File: BF124242.D
Acq: 10 Jun 2021 20:22

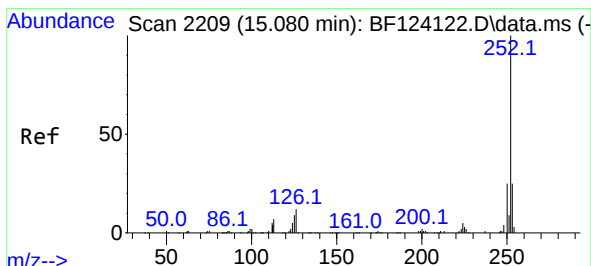
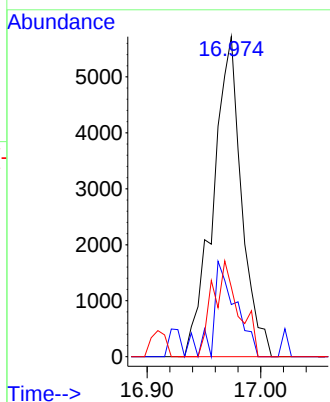
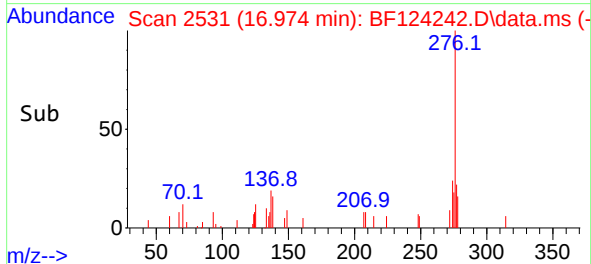
Instrument :
BNA_F
ClientSampled :
11934



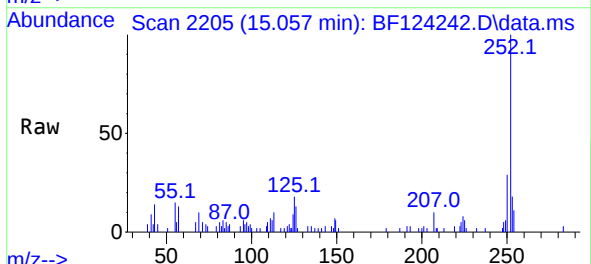
Tgt Ion: 276 Resp: 9995
Ion Ratio Lower Upper
276 100
138 22.6 16.2 24.2
277 27.3 20.1 30.1

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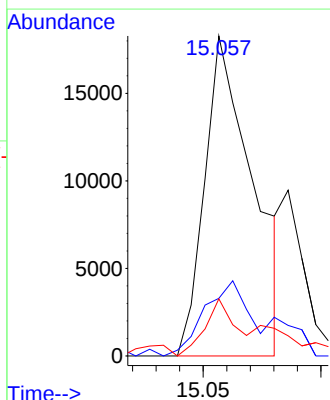
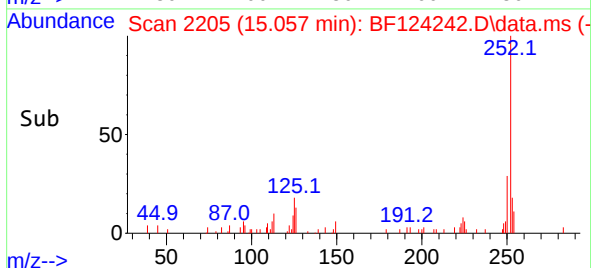
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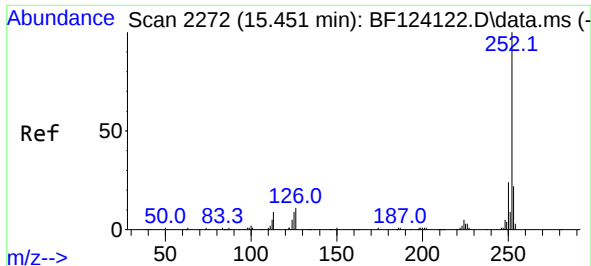


#88
Benzo(b)fluoranthene
Concen: 3.851 ng m
RT: 15.057 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BF124242.D
Acq: 10 Jun 2021 20:22



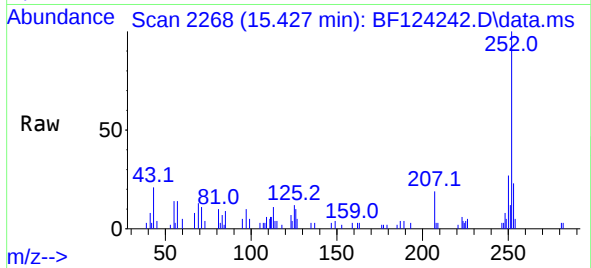
Tgt Ion: 252 Resp: 25908
Ion Ratio Lower Upper
252 100
253 18.0 18.1 27.1#
125 17.8 6.2 9.4#





#90
Benzo(a)pyrene
Concen: 2.669 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.006 min
Lab File: BF124242.D
Acq: 10 Jun 2021 20:22

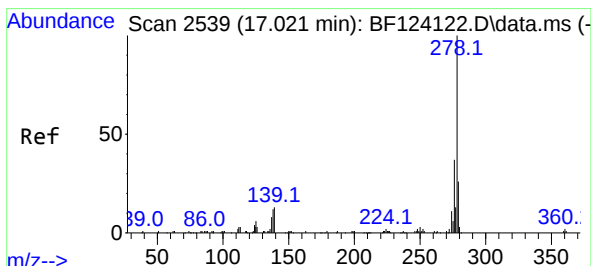
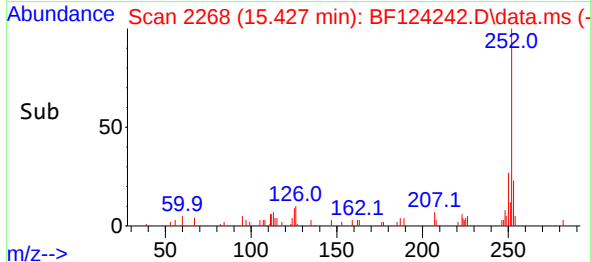
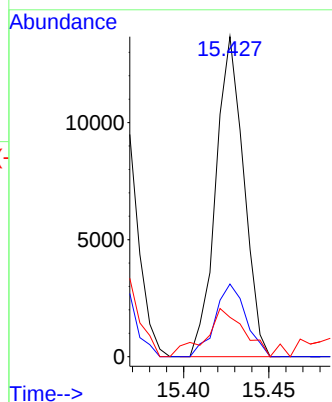
Instrument :
BNA_F
ClientSampled :
11934



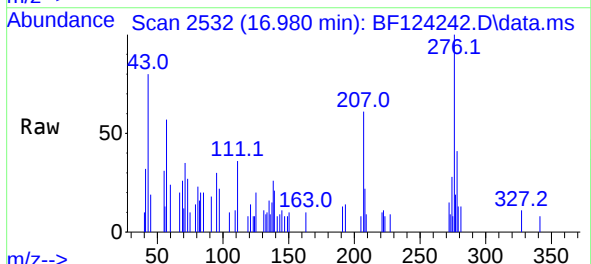
Tgt Ion:252 Resp: 15595
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 12.3 8.0 12.0#

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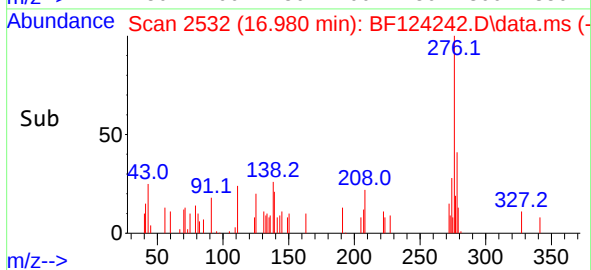
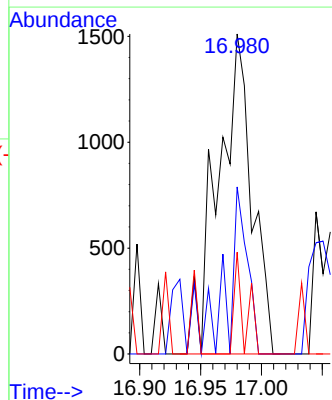
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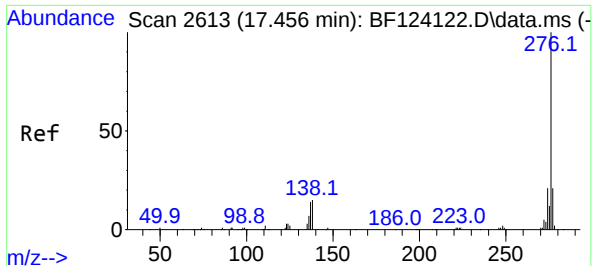


#91
Dibenzo(a,h)anthracene
Concen: 4.609 ng
RT: 16.980 min Scan# 2532
Delta R.T. -0.012 min
Lab File: BF124242.D
Acq: 10 Jun 2021 20:22



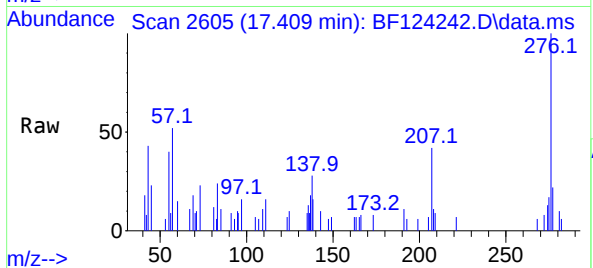
Tgt Ion:278 Resp: 2928
Ion Ratio Lower Upper
278 100
139 52.2 10.2 15.2#
279 31.8 19.4 29.0#





#92
Benzo(g,h,i)perylene
Concen: 5.248 ng
RT: 17.409 min Scan# 2605
Delta R.T. -0.023 min
Lab File: BF124242.D
Acq: 10 Jun 2021 20:22

Instrument :
BNA_F
ClientSampleId :
11934



Tgt Ion: 276 Resp: 9499
Ion Ratio Lower Upper
276 100
277 21.8 18.2 27.2
138 44.3 13.8 20.6#

Manual Integrations
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