

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061221\
 Data File : BF124294.D
 Acq On : 12 Jun 2021 19:23
 Operator : JU/CG
 Sample : M2639-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B67

Manual Integrations
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Quant Time: Jun 14 04:27:46 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	6.839	152	34917	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	110772	20.000	ng	# 0.00
39) Acenaphthene-d10	9.880	164	53981	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	83144	20.000	ng	0.00
76) Chrysene-d12	14.015	240	71037	20.000	ng	0.00
86) Perylene-d12	15.498	264	43585	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	103668	44.693	ng	0.00
7) Phenol-d6	6.492	99	125055	40.110	ng	0.00
23) Nitrobenzene-d5	7.404	82	102459	36.685	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	30608	40.022	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	180561	42.091	ng	-0.01
79) Terphenyl-d14	12.957	244	172730	33.384	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.392	178	29069	5.597	ng	94
75) Fluoranthene	12.586	202	55549	10.189	ng	97
78) Pyrene	12.816	202	54046	7.923	ng	96
81) Benzo(a)anthracene	14.004	228	25750	4.976	ng	# 91
83) Chrysene	14.039	228	22188	4.444	ng	# 94
84) Bis(2-ethylhexyl)phtha...	13.986	149	8183	2.486	ng	# 97
87) Indeno(1,2,3-cd)pyrene	16.992	276	11268	7.161	ng	# 63
88) Benzo(b)fluoranthene	15.068	252	23698m	6.999	ng	
89) Benzo(k)fluoranthene	15.092	252	6996m	2.183	ng	
90) Benzo(a)pyrene	15.433	252	15433	5.248	ng	# 86
92) Benzo(g,h,i)perylene	17.439	276	11760	7.351	ng	# 92

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

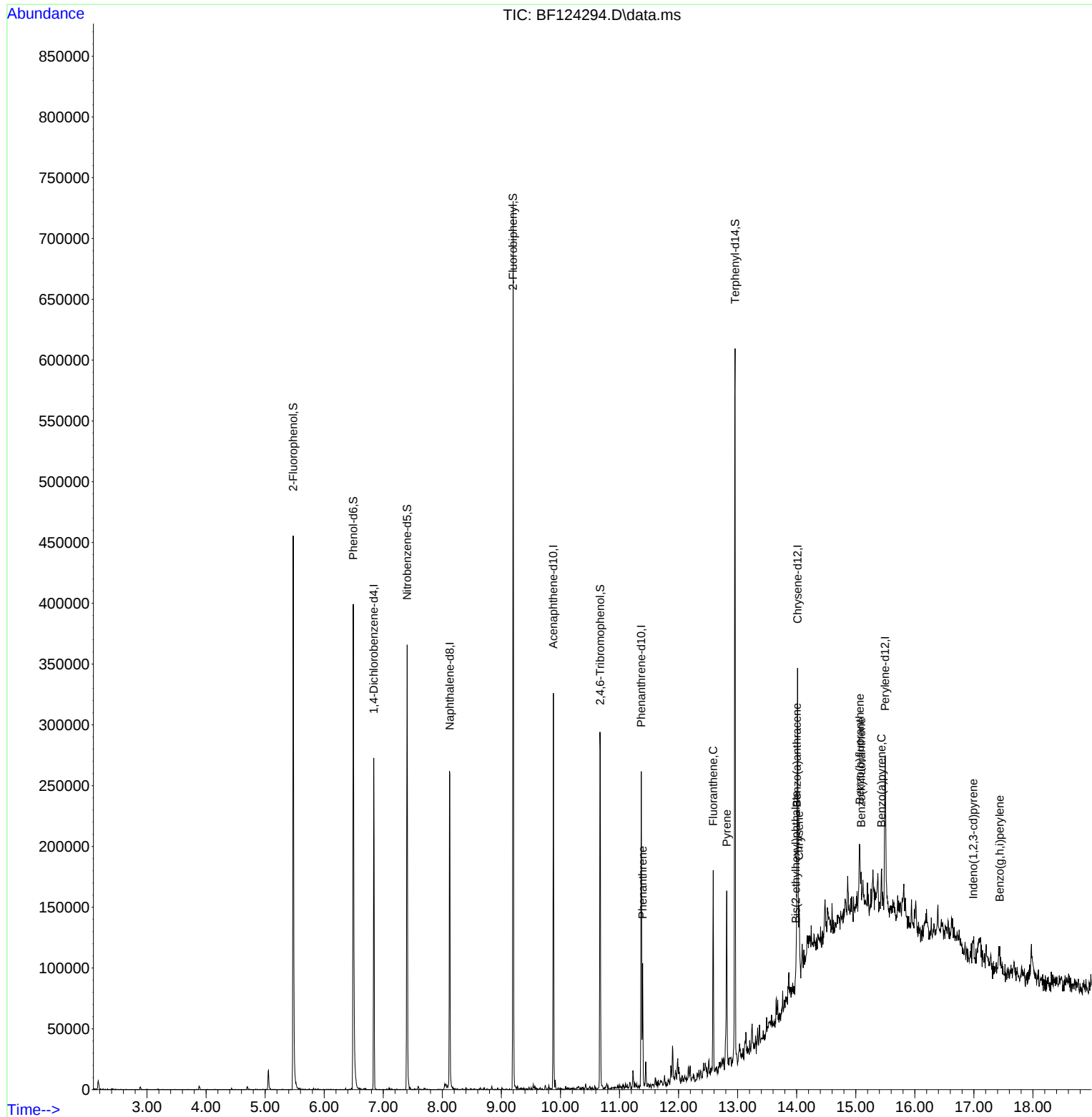
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Data File : BF124294.D
Acq On : 12 Jun 2021 19:23
Operator : JU/CG
Sample : M2639-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

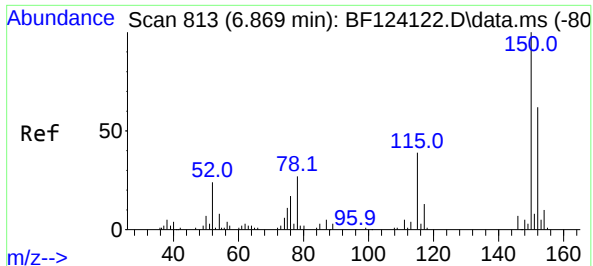
Instrument :
BNA_F
ClientSampleId :
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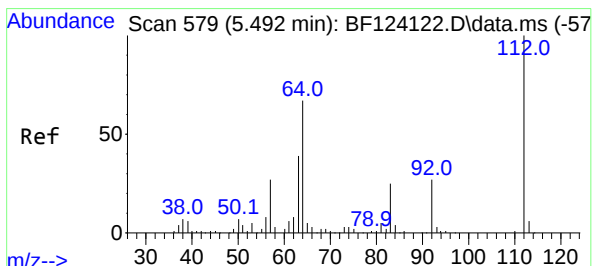
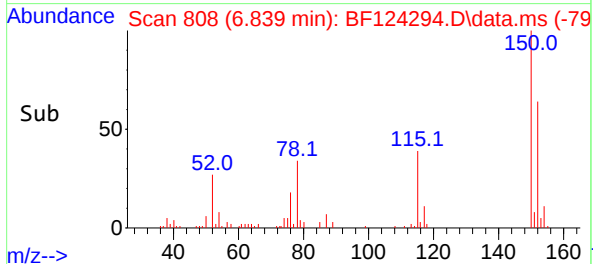
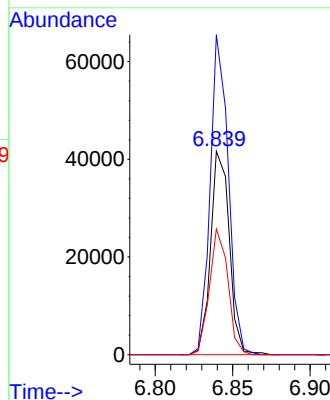
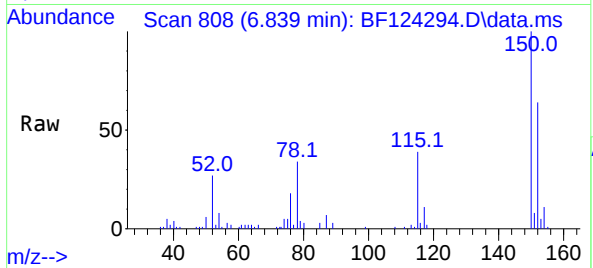
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.012 min
Lab File: BF124294.D
Acq: 12 Jun 2021 19:23

Tgt Ion:152 Resp: 34917
Ion Ratio Lower Upper
152 100
150 157.2 127.0 190.6
115 61.8 54.3 81.5

Instrument :
BNA_F
ClientSampled :
B67

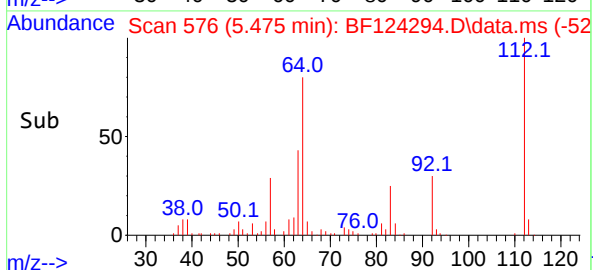
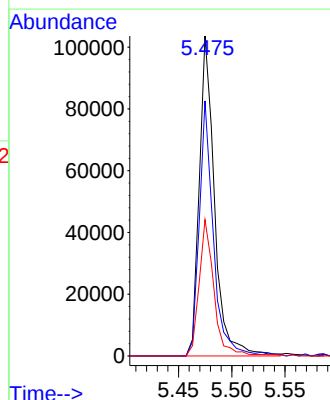
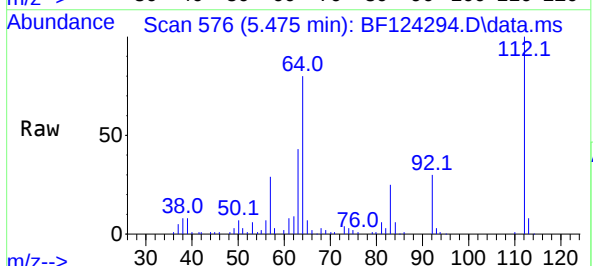
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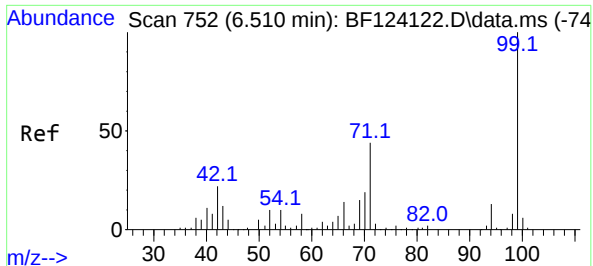
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#5
2-Fluorophenol
Concen: 44.693 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF124294.D
Acq: 12 Jun 2021 19:23

Tgt Ion:112 Resp: 103668
Ion Ratio Lower Upper
112 100
64 79.7 61.4 92.0
63 42.6 33.0 49.4





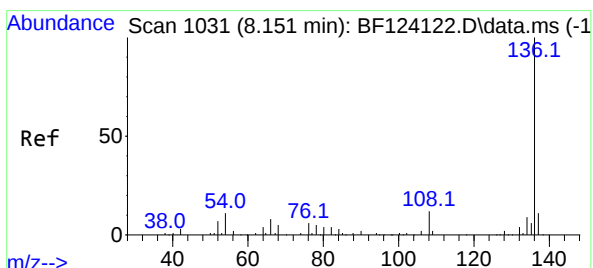
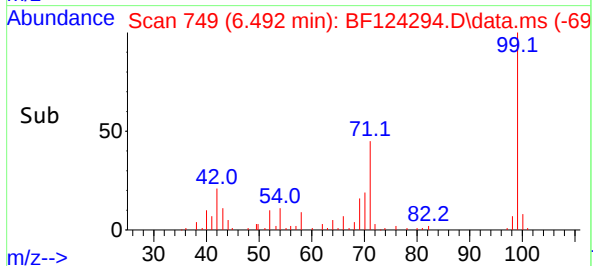
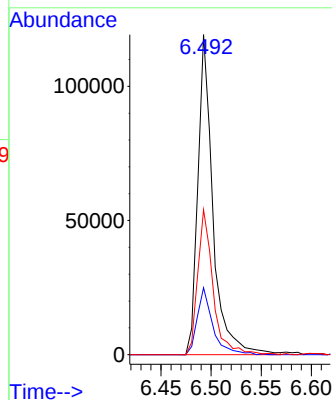
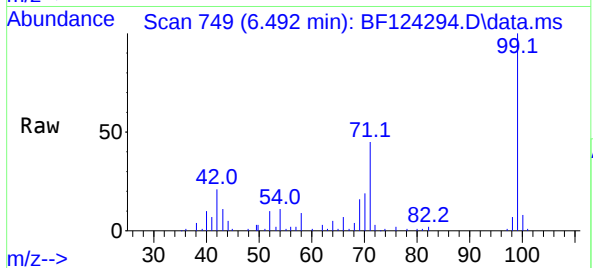
#7
Phenol-d6
Concen: 40.110 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124294.D
Acq: 12 Jun 2021 19:23

Tgt Ion: 99 Resp: 125055
Ion Ratio Lower Upper
99 100
42 20.9 19.8 29.8
71 45.3 31.1 46.7

Instrument :
BNA_F
ClientSampled :
B67

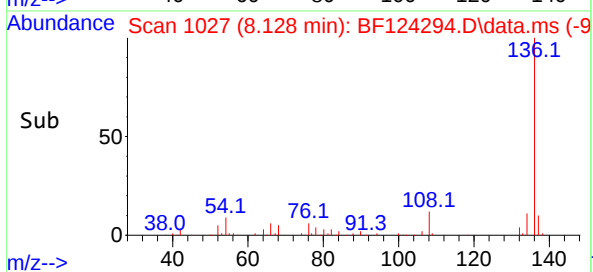
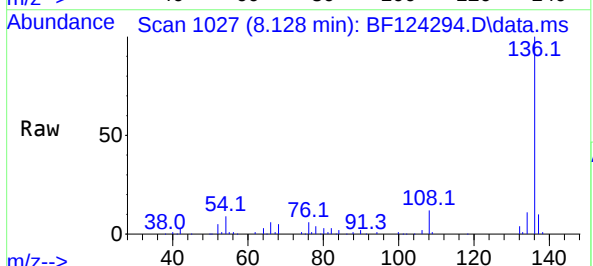
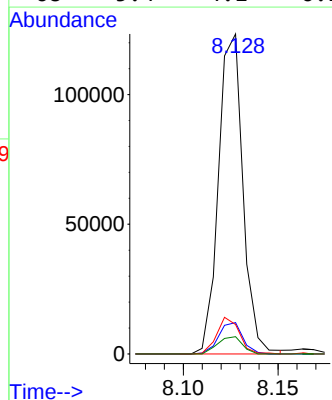
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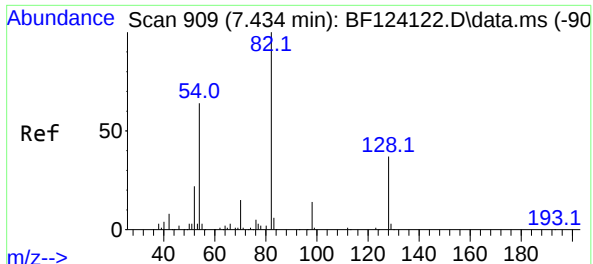
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF124294.D
Acq: 12 Jun 2021 19:23

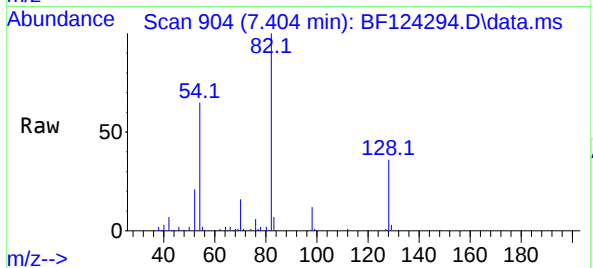
Tgt Ion: 136 Resp: 110772
Ion Ratio Lower Upper
136 100
137 9.8 8.7 13.1
54 9.2 9.8 14.6#
68 5.4 4.1 6.1





#23
Nitrobenzene-d5
Concen: 36.685 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF124294.D
Acq: 12 Jun 2021 19:23

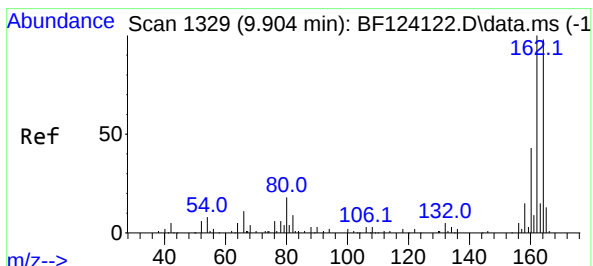
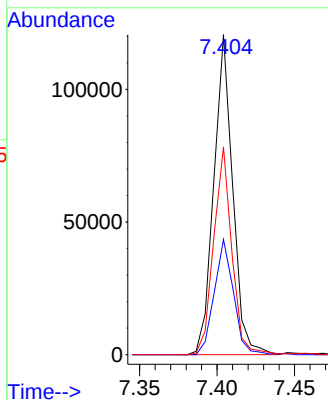
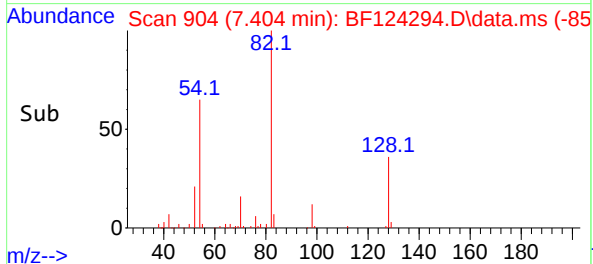
Instrument :
BNA_F
ClientSampled :
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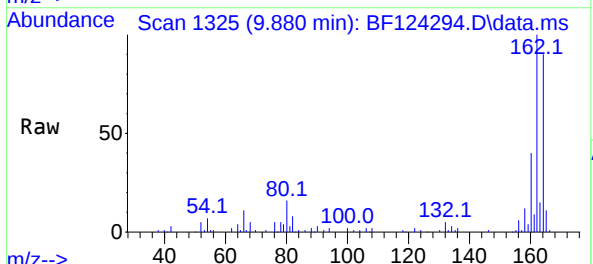
Tgt Ion: 82 Resp: 102459
Ion Ratio Lower Upper
82 100
128 36.0 29.4 44.2
54 64.9 54.1 81.1

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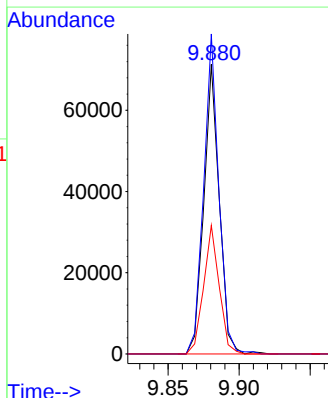
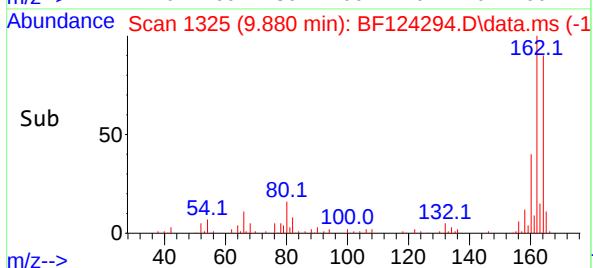
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF124294.D
Acq: 12 Jun 2021 19:23



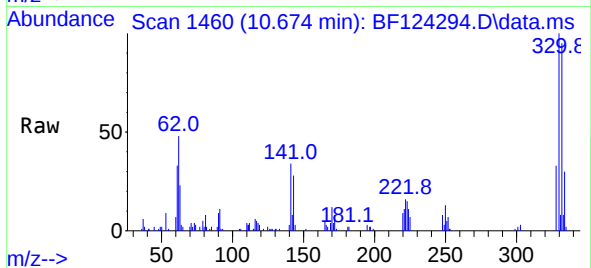
Tgt Ion: 164 Resp: 53981
Ion Ratio Lower Upper
164 100
162 110.5 80.7 121.1
160 44.4 37.3 55.9





#42
2,4,6-Tribromophenol
Concen: 40.022 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF124294.D
Acq: 12 Jun 2021 19:23

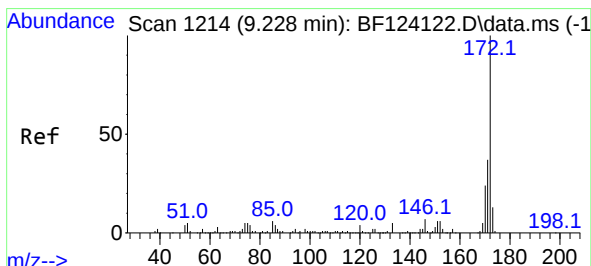
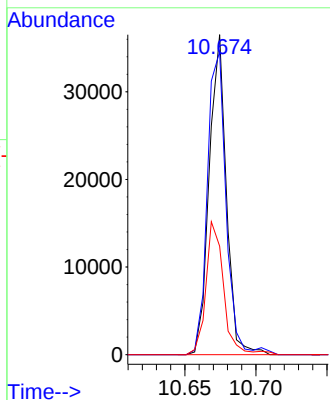
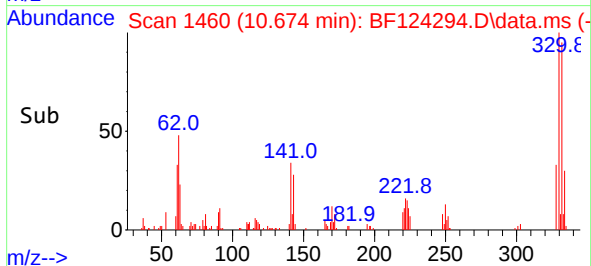
Instrument :
BNA_F
ClientSampled :
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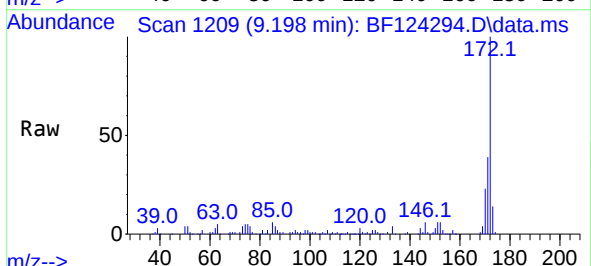
Tgt Ion:330 Resp: 30608
Ion Ratio Lower Upper
330 100
332 103.6 77.1 115.7
141 43.0 27.9 41.9#

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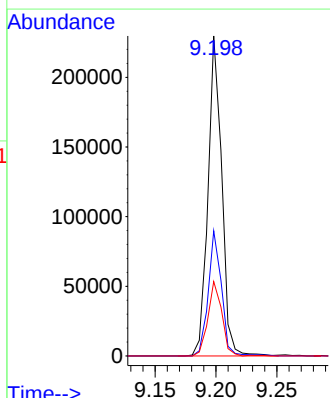
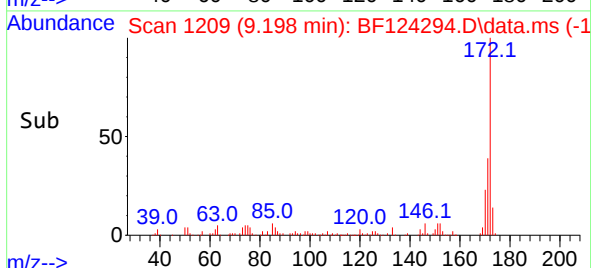
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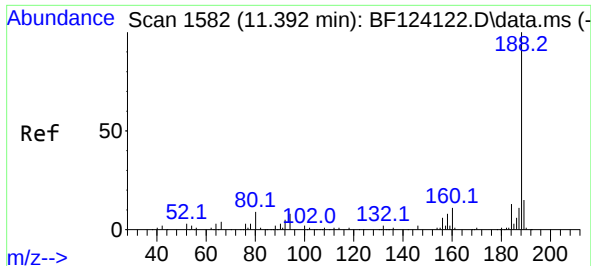


#45
2-Fluorobiphenyl
Concen: 42.091 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.012 min
Lab File: BF124294.D
Acq: 12 Jun 2021 19:23



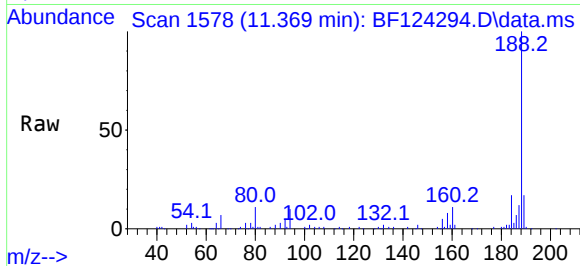
Tgt Ion:172 Resp: 180561
Ion Ratio Lower Upper
172 100
171 39.1 28.1 42.1
170 23.3 19.2 28.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF124294.D
Acq: 12 Jun 2021 19:23

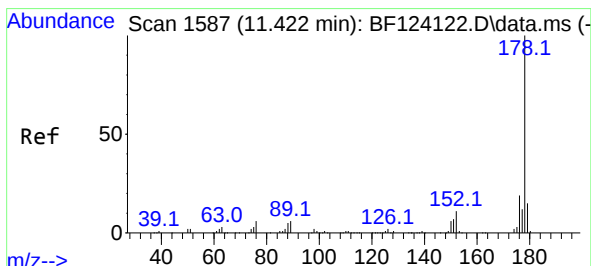
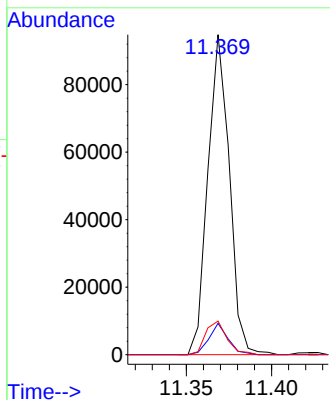
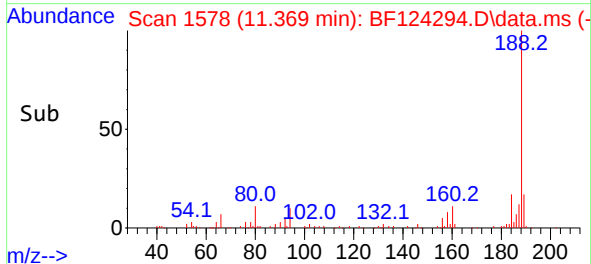
Instrument :
BNA_F
ClientSampled :
B67



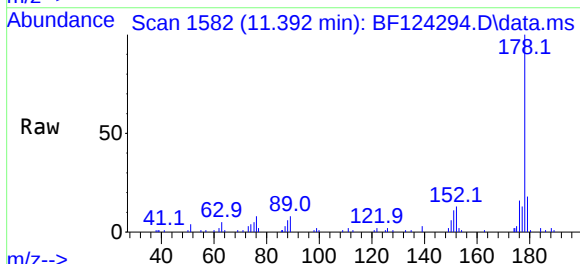
Tgt Ion:188 Resp: 83144
Ion Ratio Lower Upper
188 100
94 9.8 6.9 10.3
80 10.5 8.2 12.2

Manual Integrations
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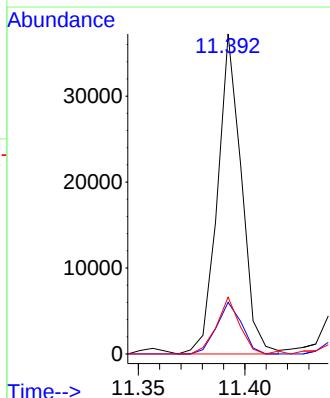
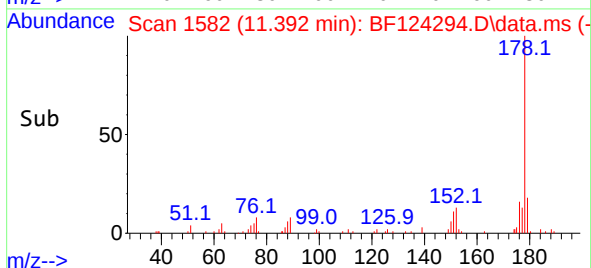
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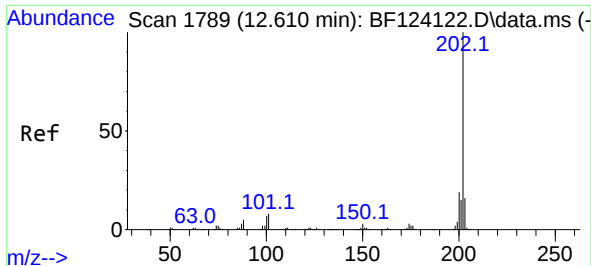


#71
Phenanthrene
Concen: 5.597 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF124294.D
Acq: 12 Jun 2021 19:23



Tgt Ion:178 Resp: 29069
Ion Ratio Lower Upper
178 100
176 16.1 15.6 23.4
179 17.7 12.5 18.7





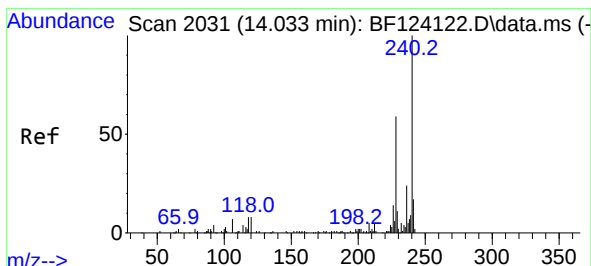
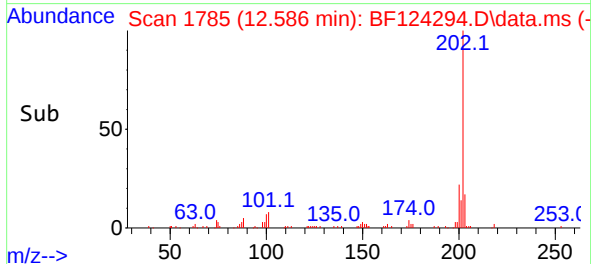
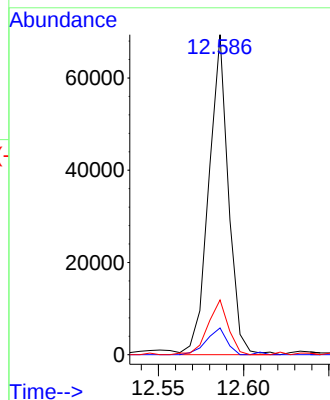
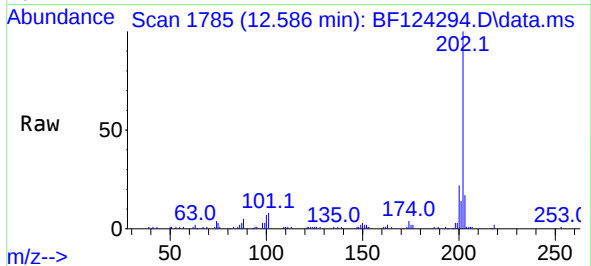
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Fluoranthene
Concen: 10.189 ng
RT: 12.586 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF124294.D
Acq: 12 Jun 2021 19:23

Tgt Ion:	202	Resp:	55549
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	30.9
203	17.1	0.0	37.5

Instrument :
BNA_F
ClientSampled :
B67

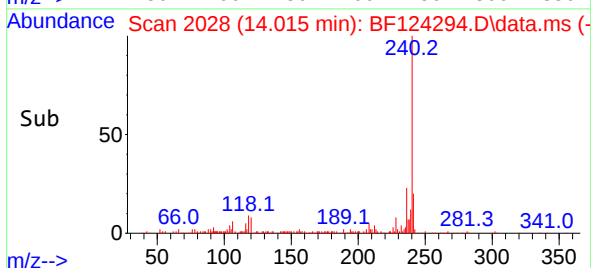
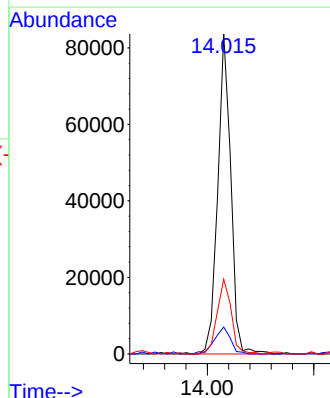
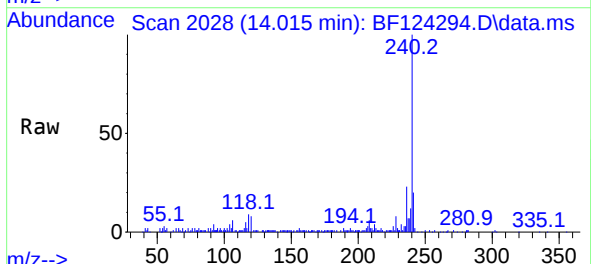
Manual Integrations
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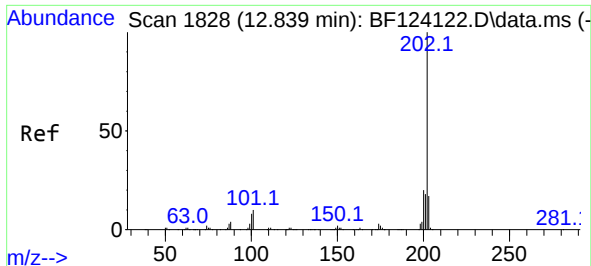
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF124294.D
Acq: 12 Jun 2021 19:23

Tgt Ion:	240	Resp:	71037
Ion Ratio	Lower	Upper	
240	100		
120	8.4	7.2	10.8
236	23.4	19.0	28.4





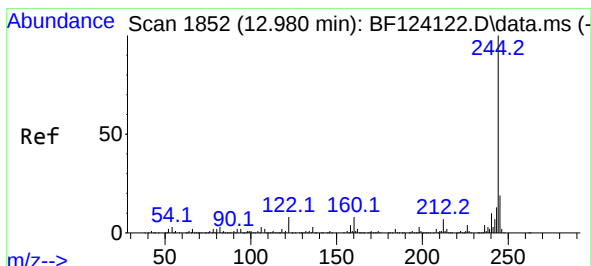
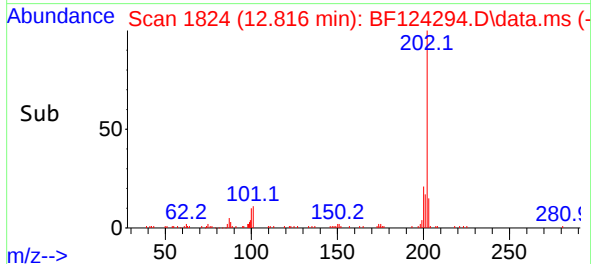
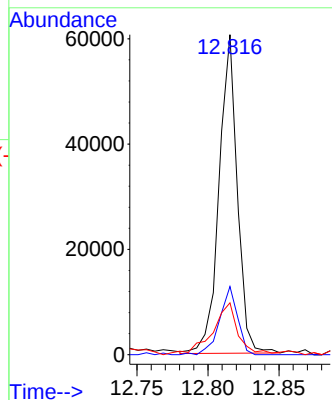
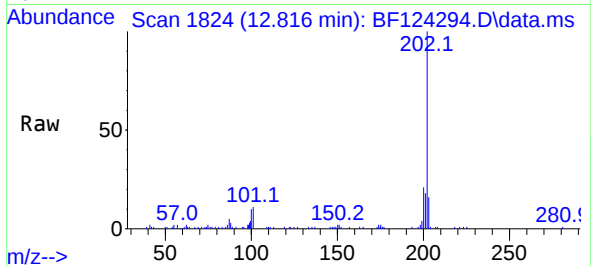
#78
Pyrene
Concen: 7.923 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF124294.D
Acq: 12 Jun 2021 19:23

Tgt Ion:	202	Resp:	54046
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.1	24.1
203	16.2	14.8	22.2

Instrument :
BNA_F
ClientSampled :
B67

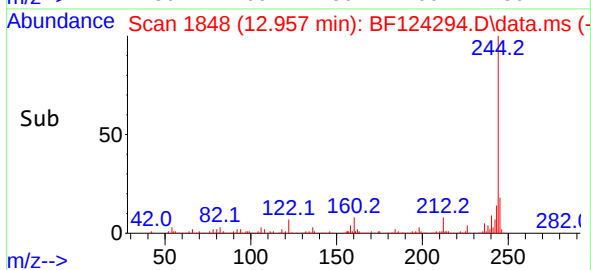
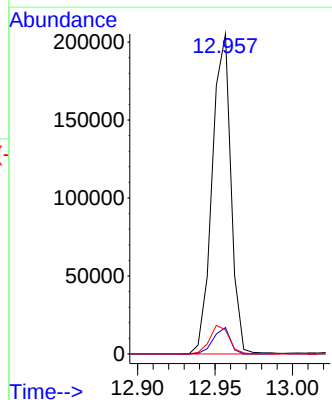
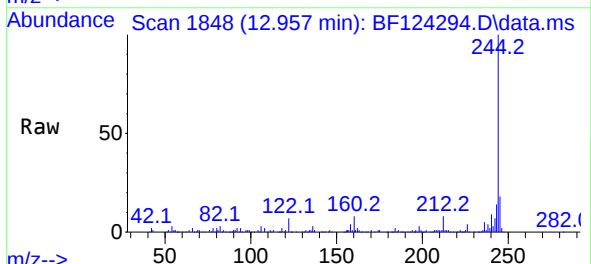
Manual Integrations
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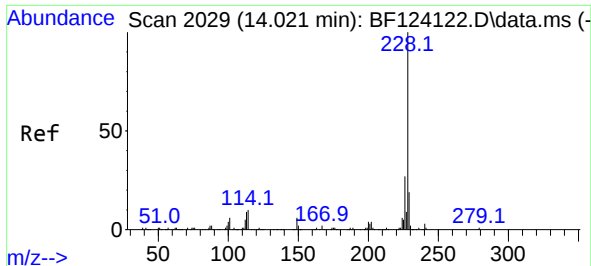
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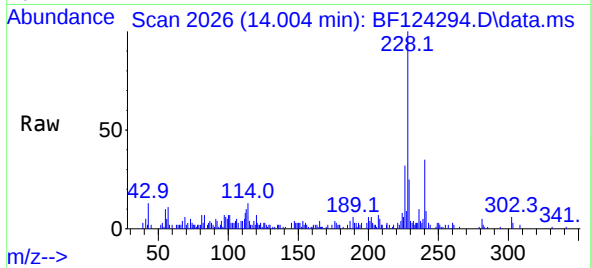
#79
Terphenyl-d14
Concen: 33.384 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF124294.D
Acq: 12 Jun 2021 19:23

Tgt Ion:	244	Resp:	172730
Ion Ratio	Lower	Upper	
244	100		
212	8.2	5.7	8.5
122	7.5	9.7	14.5





#81
Benzo(a)anthracene
Concen: 4.976 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF124294.D
Acq: 12 Jun 2021 19:23

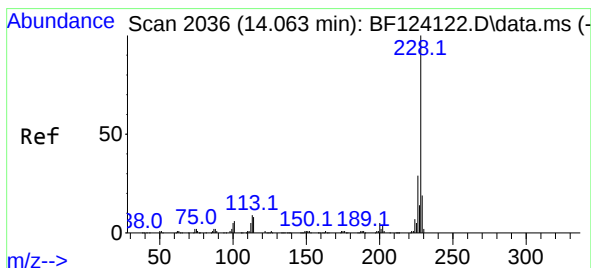
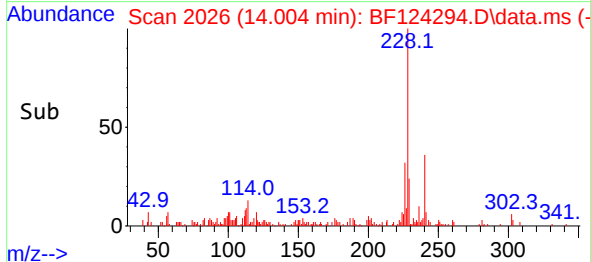
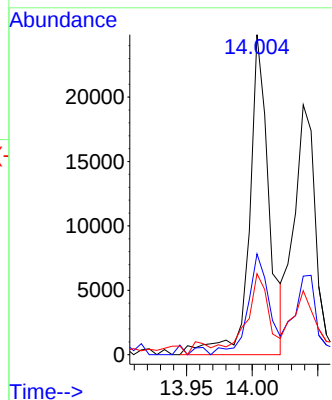


Tgt Ion:228 Resp: 25750
Ion Ratio Lower Upper
228 100
226 31.5 22.4 33.6
229 25.3 16.0 24.0#

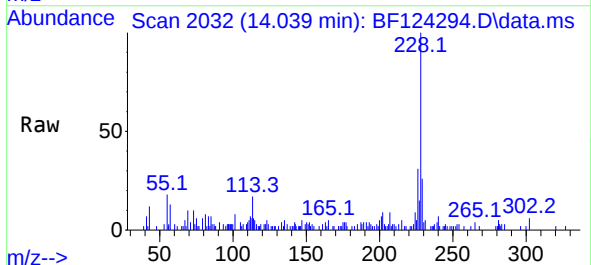
Instrument :
BNA_F
ClientSampled :
B67

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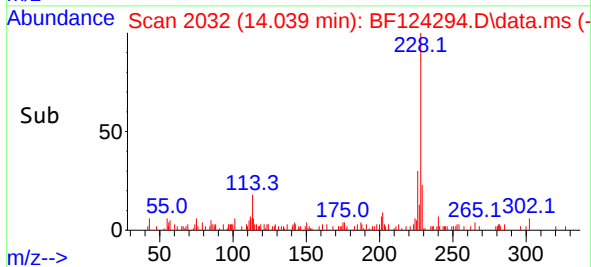
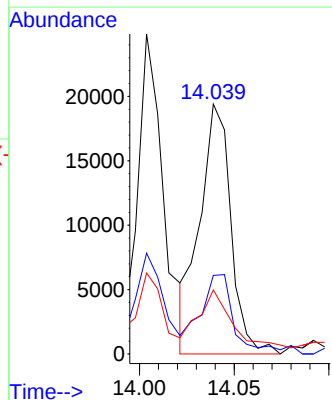
mohammad
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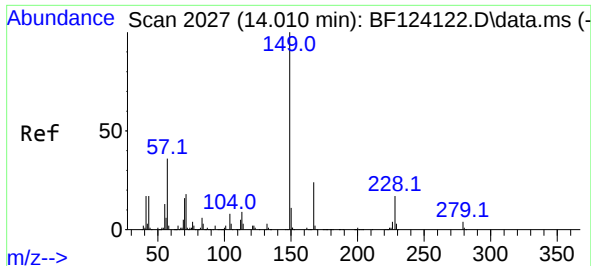


#83
Chrysene
Concen: 4.444 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF124294.D
Acq: 12 Jun 2021 19:23



Tgt Ion:228 Resp: 22188
Ion Ratio Lower Upper
228 100
226 31.4 24.3 36.5
229 25.6 16.2 24.2#





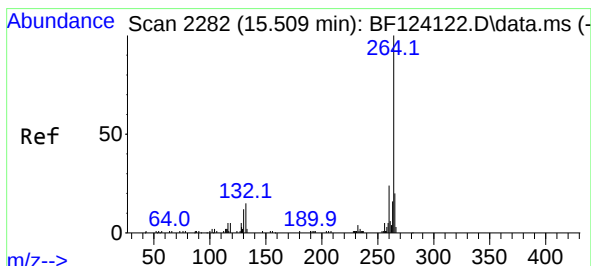
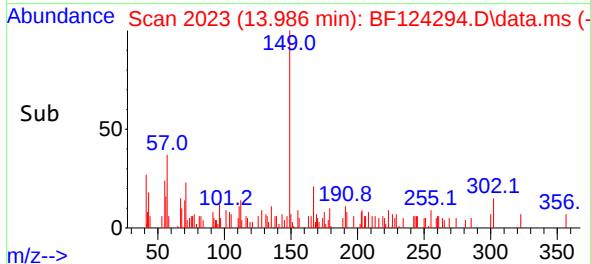
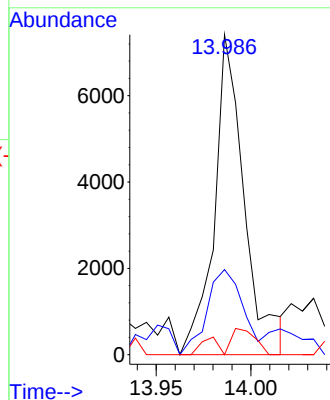
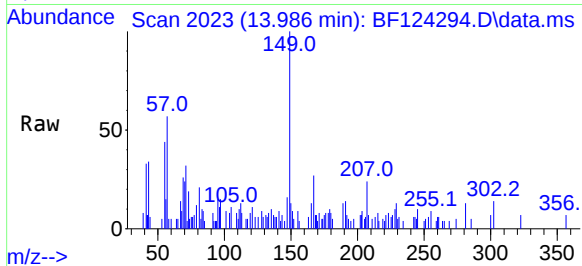
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.486 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF124294.D
Acq: 12 Jun 2021 19:23

Tgt Ion:149 Resp: 8183
Ion Ratio Lower Upper
149 100
167 26.6 21.8 32.6
279 0.0 3.3 4.9#

Instrument :
BNA_F
ClientSampled :
B67

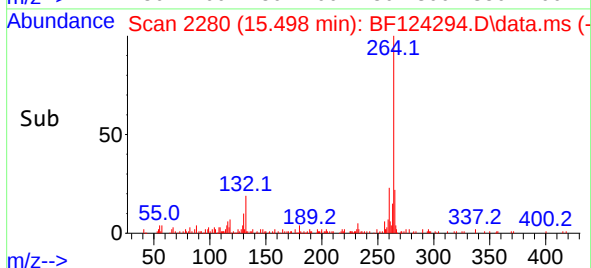
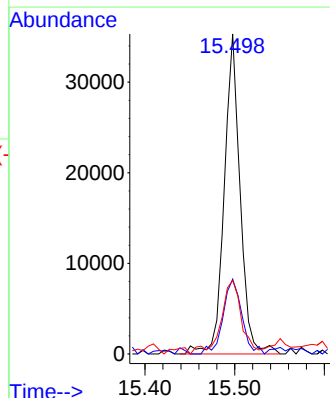
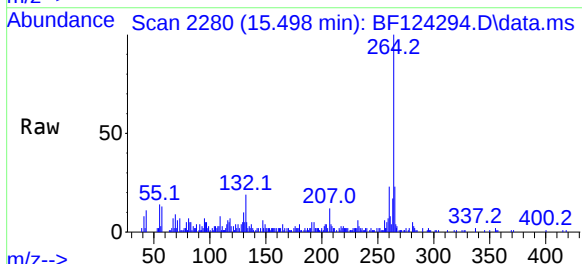
Manual Integrations
APPROVED

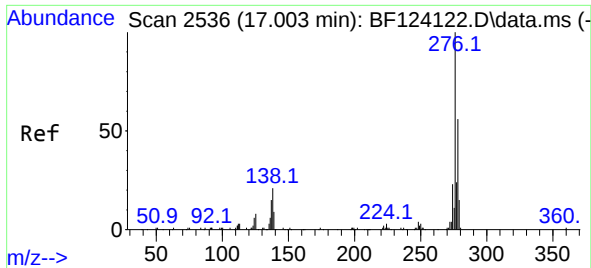
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF124294.D
Acq: 12 Jun 2021 19:23

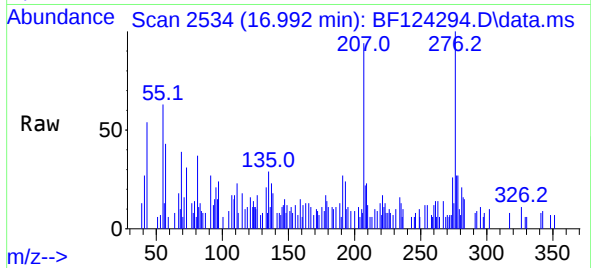
Tgt Ion:264 Resp: 43585
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 23.0 17.8 26.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 7.161 ng
RT: 16.992 min Scan# 2534
Delta R.T. 0.012 min
Lab File: BF124294.D
Acq: 12 Jun 2021 19:23

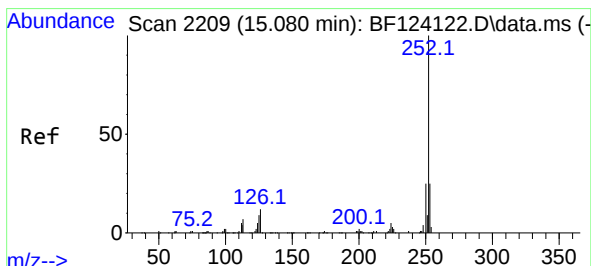
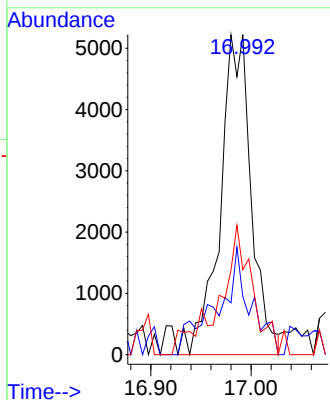
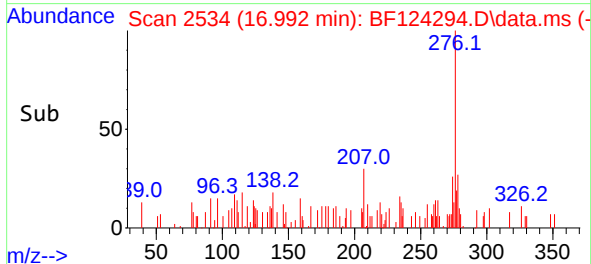
Instrument :
BNA_F
ClientSampled :
B67



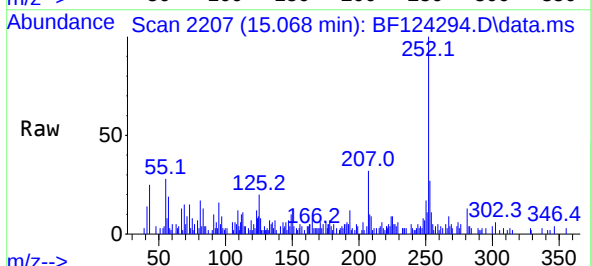
Tgt Ion: 276 Resp: 11268
Ion Ratio Lower Upper
276 100
138 36.5 16.2 24.2#
277 44.5 20.1 30.1#

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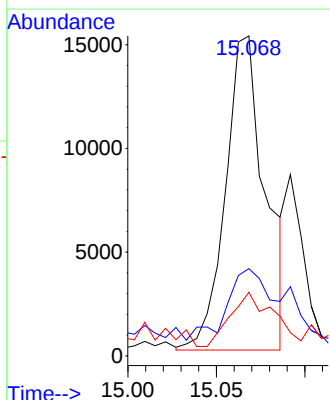
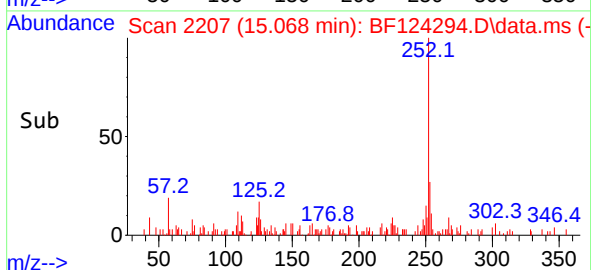
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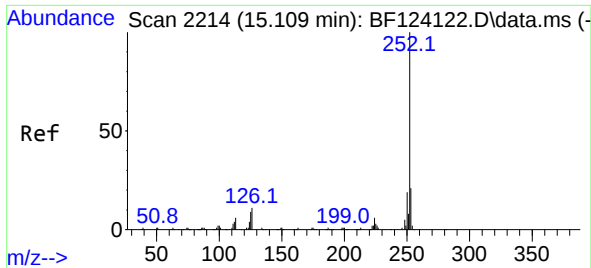


#88
Benzo(b)fluoranthene
Concen: 6.999 ng m
RT: 15.068 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF124294.D
Acq: 12 Jun 2021 19:23



Tgt Ion: 252 Resp: 23698
Ion Ratio Lower Upper
252 100
253 27.3 18.1 27.1#
125 19.9 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 2.183 ng m

RT: 15.092 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF124294.D

Acq: 12 Jun 2021 19:23

Tgt Ion:	252	Resp:	6996
Ion Ratio	Lower	Upper	
252	100		
253	38.2	17.9	26.9#
125	12.8	7.0	10.6#

Instrument :

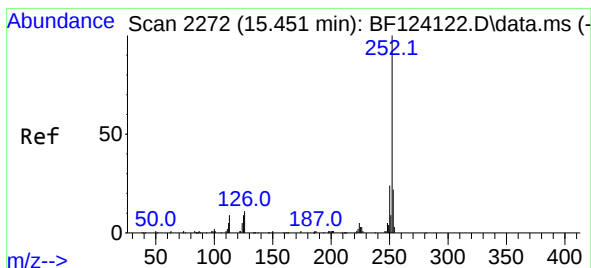
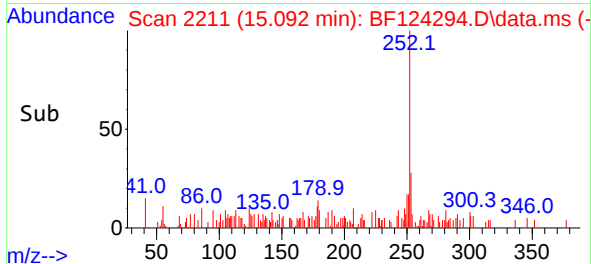
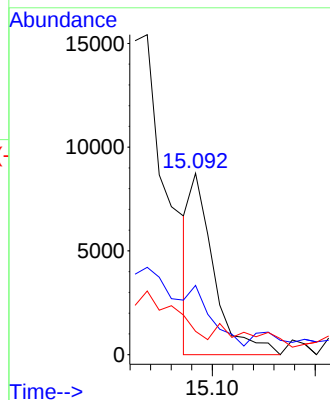
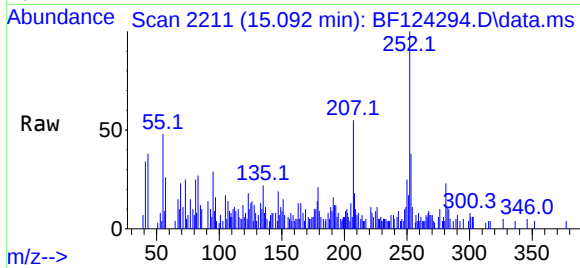
BNA_F

ClientSampled :

B67

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 5.248 ng

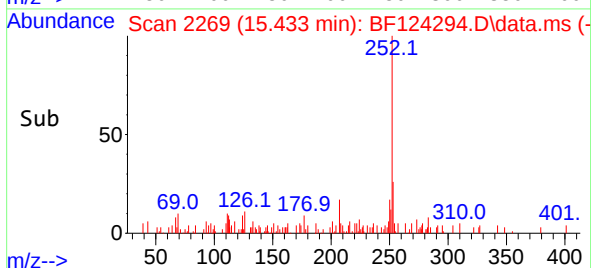
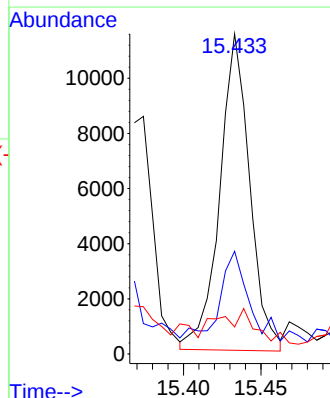
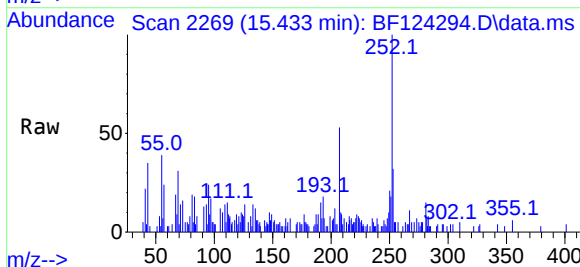
RT: 15.433 min Scan# 2269

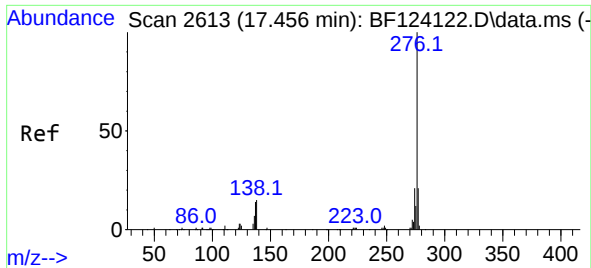
Delta R.T. 0.000 min

Lab File: BF124294.D

Acq: 12 Jun 2021 19:23

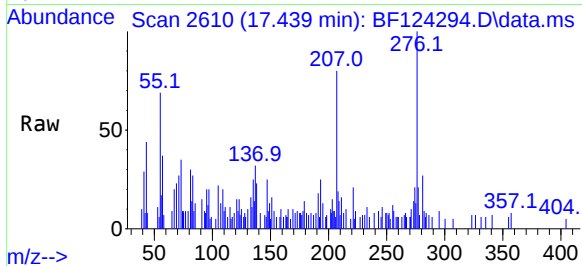
Tgt Ion:	252	Resp:	15433
Ion Ratio	Lower	Upper	
252	100		
253	32.1	18.4	27.6#
125	8.5	8.0	12.0





#92
Benzo(g,h,i)perylene
Concen: 7.351 ng
RT: 17.439 min Scan# 2610
Delta R.T. 0.006 min
Lab File: BF124294.D
Acq: 12 Jun 2021 19:23

Instrument :
BNA_F
ClientSampleId :
B67



Tgt Ion: 276 Resp: 11760
Ion Ratio Lower Upper
276 100
277 20.5 18.2 27.2
138 22.6 13.8 20.6#

Manual Integrations
APPROVED

mohammad
6/14/2021 5:50:57 PM

