

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102020\
 Data File : BF122039.D
 Acq On : 20 Oct 2020 20:11
 Operator : JU/CG
 Sample : L4461-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-OH-F1-5.0-10.0

Manual Integrations
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Quant Time: Oct 21 00:37:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 12:55:05 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	100876	20.00	ng	-0.02
21) Naphthalene-d8	8.010	136	382337	20.00	ng	-0.02
39) Acenaphthene-d10	9.763	164	175723	20.00	ng	-0.02
64) Phenanthrene-d10	11.251	188	282798	20.00	ng	-0.01
76) Chrysene-d12	13.892	240	248659	20.00	ng	-0.02
86) Perylene-d12	15.327	264	269411	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	751183	109.91	ng	-0.01
7) Phenol-d6	6.386	99	940914	106.94	ng	0.00
23) Nitrobenzene-d5	7.298	82	625847	83.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.557	330	206458	94.98	ng	-0.02
45) 2-Fluorobiphenyl	9.086	172	964226	80.74	ng	-0.02
79) Terphenyl-d14	12.833	244	784437	60.12	ng	-0.02
Target Compounds						Qvalue
49) Acenaphthylene	9.627	152	39871	2.34	ng	98
50) Dimethylphthalate	9.486	163	141174	10.99	ng	100
71) Phenanthrene	11.274	178	124131	8.01	ng	99
75) Fluoranthene	12.463	202	105107	6.32	ng	99
78) Pyrene	12.692	202	157772	8.33	ng	97
81) Benzo(a)anthracene	13.880	228	80889	4.96	ng	96
83) Chrysene	13.915	228	82400	5.15	ng	98
88) Benzo(b)fluoranthene	14.921	252	84000m	4.61	ng	
90) Benzo(a)pyrene	15.268	252	69994	4.45	ng	# 96
92) Benzo(g,h,i)perylene	17.168	276	40748	2.83	ng	95

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

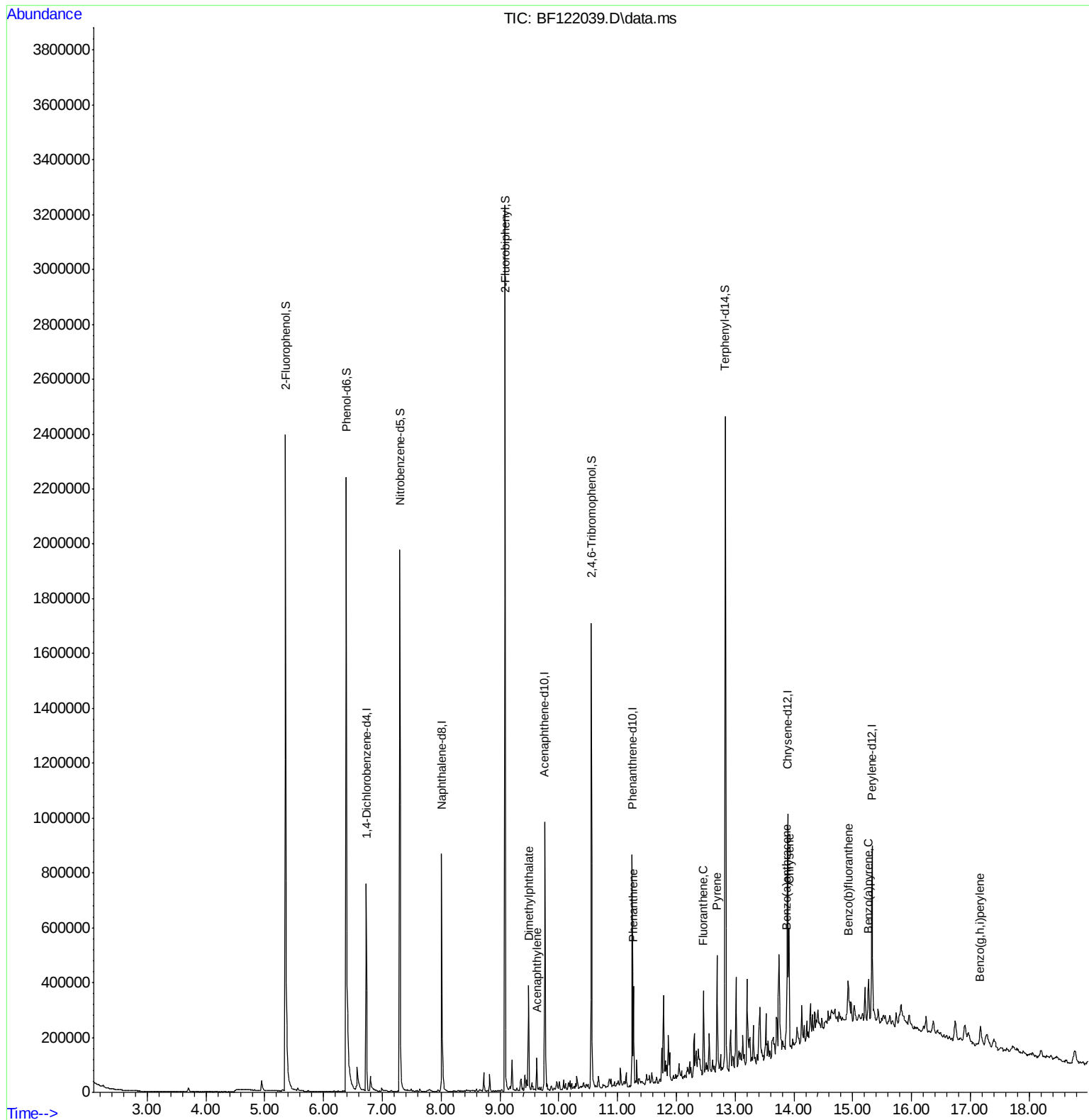
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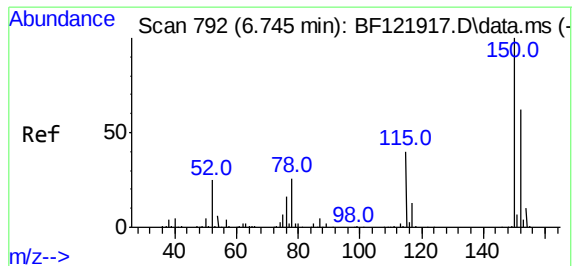
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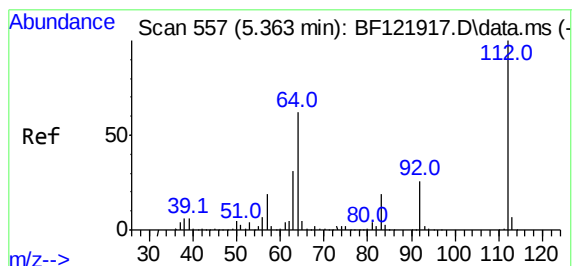
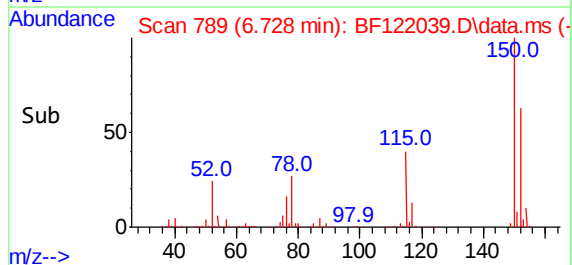
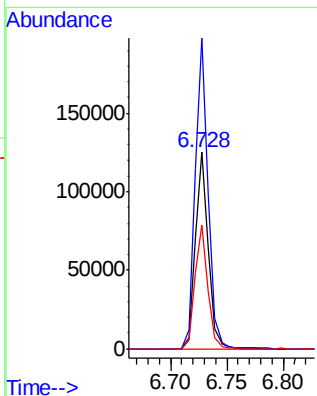
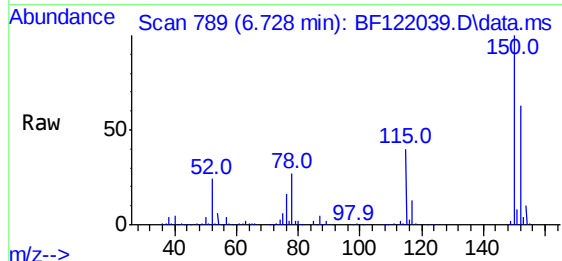
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.017 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Tgt Ion:152 Resp: 100876
Ion Ratio Lower Upper
152 100
150 158.2 125.3 187.9
115 63.2 51.9 77.9

Instrument :
BNA_F
ClientSampleId :
WCS-OH-F1-5.0-10.0

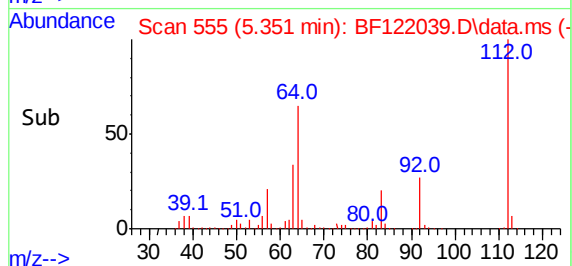
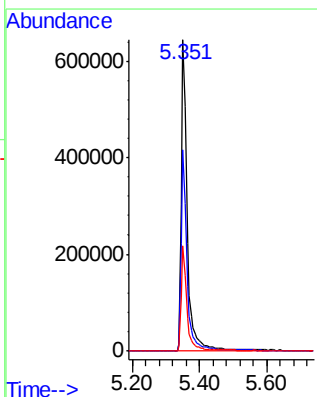
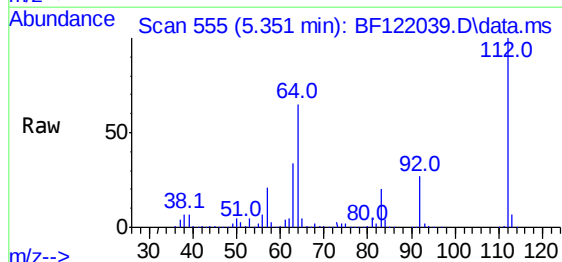
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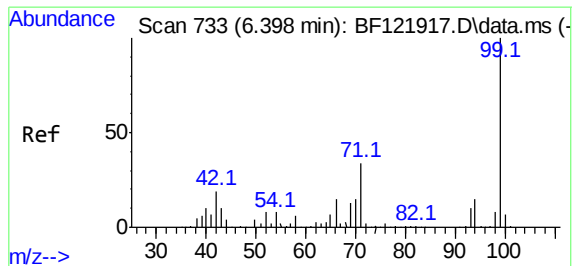
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#5
2-Fluorophenol
Concen: 109.91 ng
RT: 5.351 min Scan# 555
Delta R.T. -0.012 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Tgt Ion:112 Resp: 751183
Ion Ratio Lower Upper
112 100
64 64.6 50.4 75.6
63 33.7 25.8 38.6





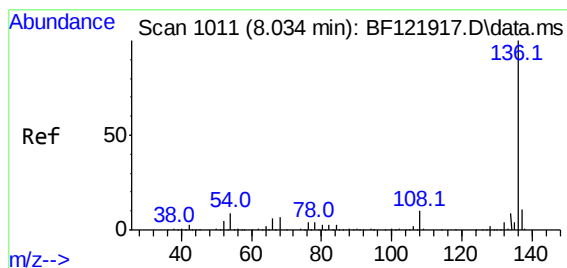
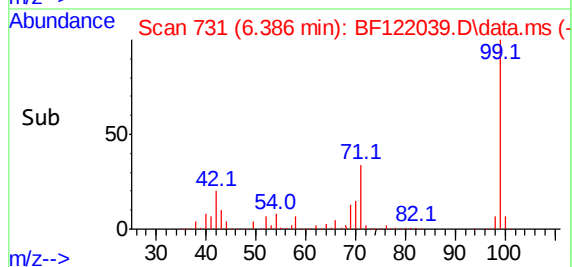
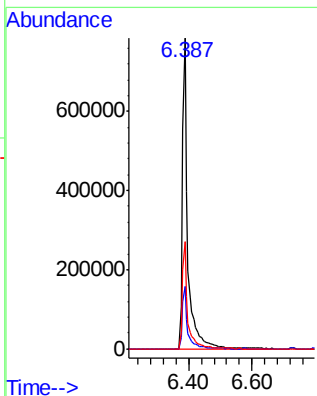
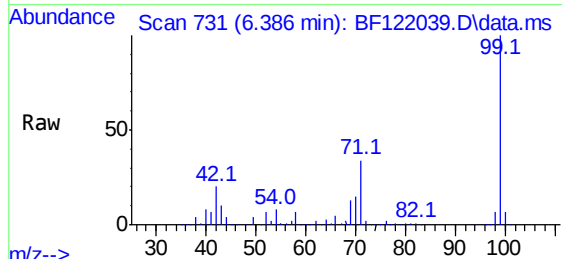
#7
Phenol-d6
Concen: 106.94 ng
RT: 6.386 min Scan# 731
Delta R.T. -0.006 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Instrument :
BNA_F
ClientSampleId :
WCS-OH-F1-5.0-10.0

Tgt Ion: 99 Resp: 940914
Ion Ratio Lower Upper
99 100
42 20.0 15.9 23.9
71 34.5 27.1 40.7

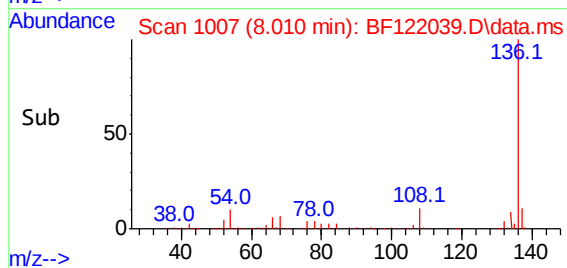
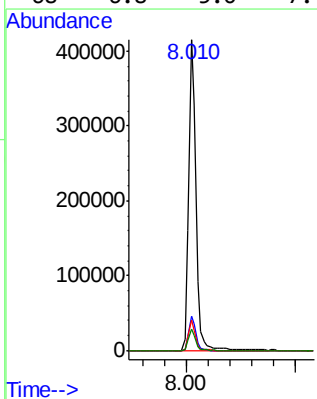
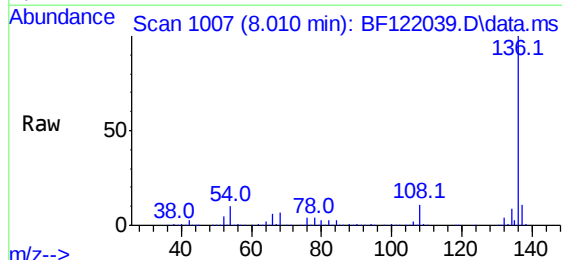
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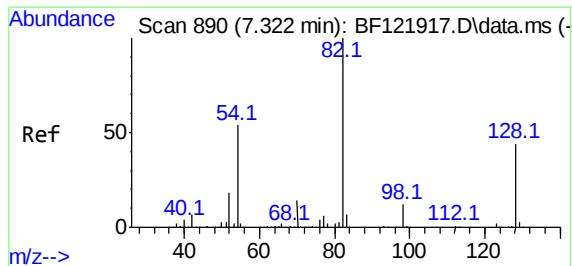
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Tgt Ion:136 Resp: 382337
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.6 7.1 10.7
68 6.8 5.0 7.4





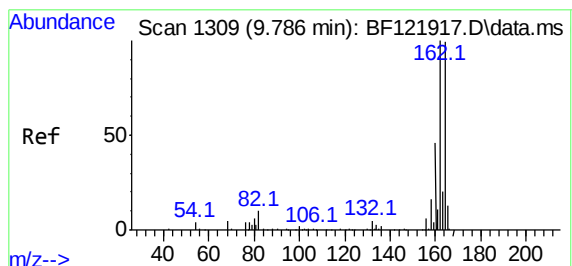
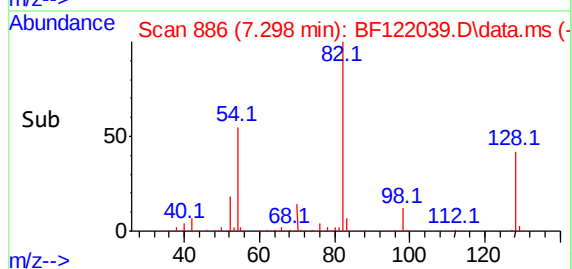
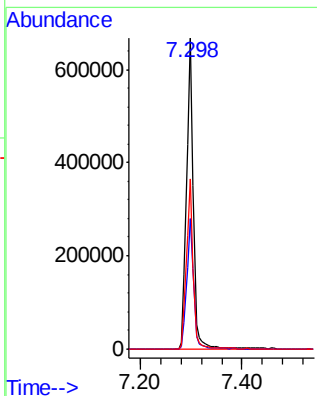
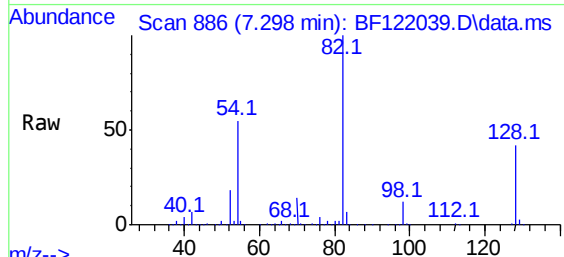
#23
Nitrobenzene-d5
Concen: 83.95 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Instrument :
BNA_F
ClientSampleId :
WCS-OH-F1-5.0-10.0

Tgt Ion: 82 Resp: 625847
Ion Ratio Lower Upper
82 100
128 42.1 35.0 52.4
54 54.6 43.9 65.9

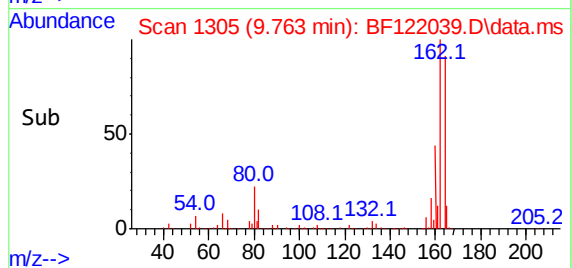
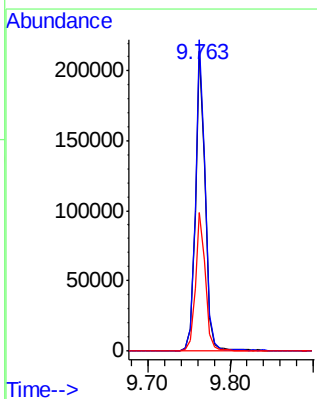
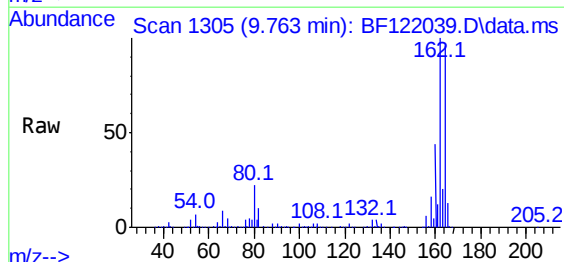
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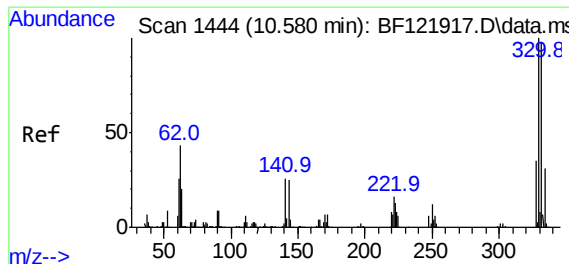
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

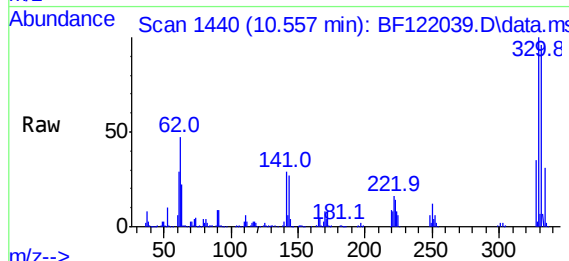
Tgt Ion: 164 Resp: 175723
Ion Ratio Lower Upper
164 100
162 103.8 83.2 124.8
160 46.0 37.5 56.3





#42
 2,4,6-Tribromophenol
 Concen: 94.98 ng
 RT: 10.557 min Scan# 1440
 Delta R.T. -0.018 min
 Lab File: BF122039.D
 Acq: 20 Oct 2020 20:11

Instrument :
 BNA_F
 ClientSampleId :
 WCS-OH-F1-5.0-10.0

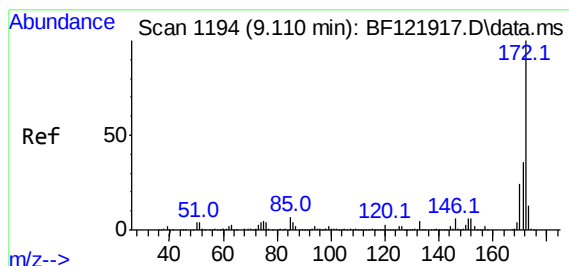
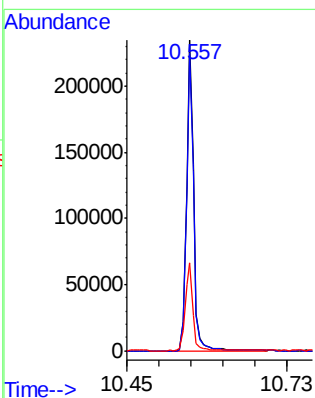
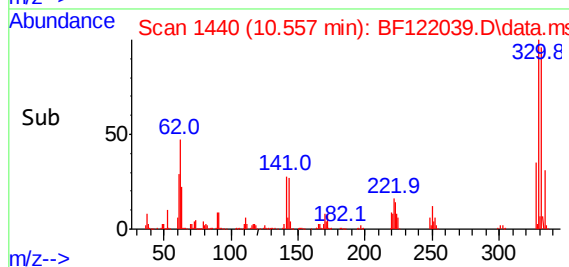


Tgt Ion:330 Resp: 206458

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	30.7	22.3	33.5

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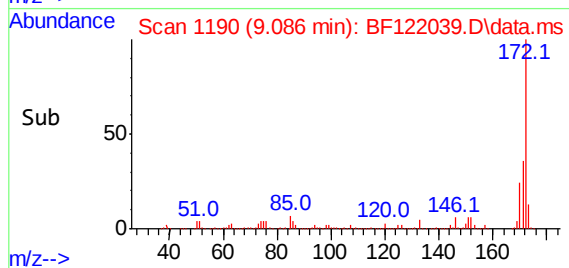
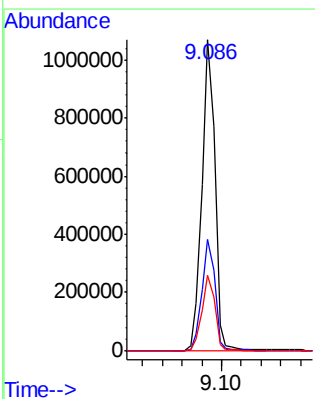
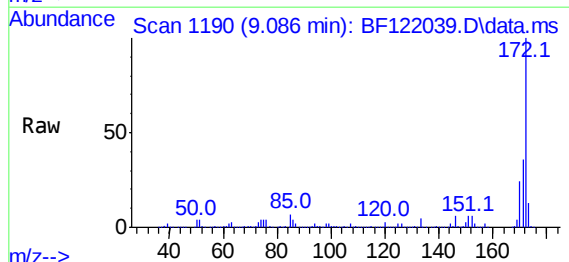
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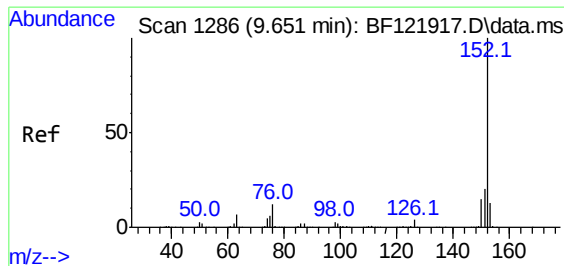


#45
 2-Fluorobiphenyl
 Concen: 80.74 ng
 RT: 9.086 min Scan# 1190
 Delta R.T. -0.018 min
 Lab File: BF122039.D
 Acq: 20 Oct 2020 20:11

Tgt Ion:172 Resp: 964226

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.1	43.7
170	24.1	19.8	29.6





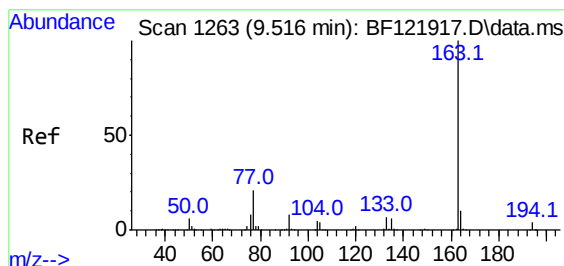
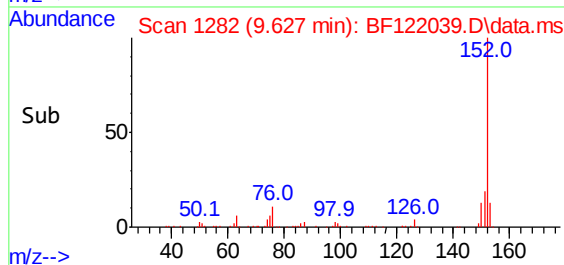
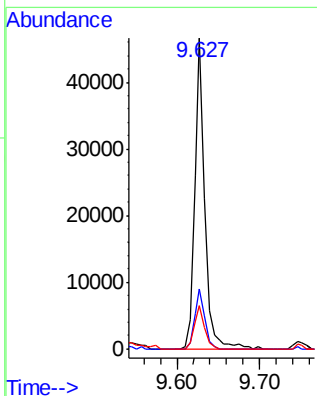
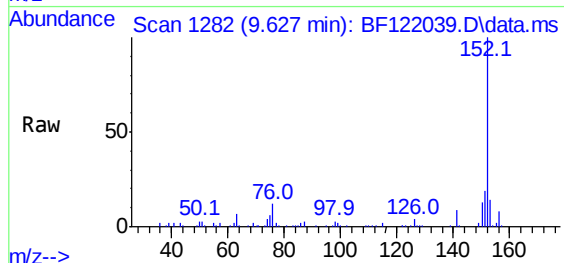
#49
Acenaphthylene
Concen: 2.34 ng
RT: 9.627 min Scan# 1282
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Tgt Ion:152 Resp: 39871
Ion Ratio Lower Upper
152 100
151 19.3 16.4 24.6
153 13.9 10.6 15.8

Instrument :
BNA_F
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WCS-OH-F1-5.0-10.0

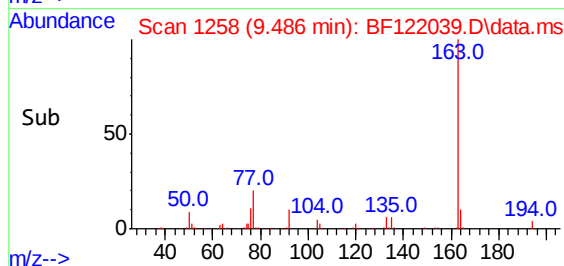
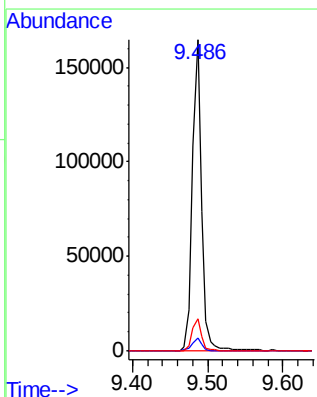
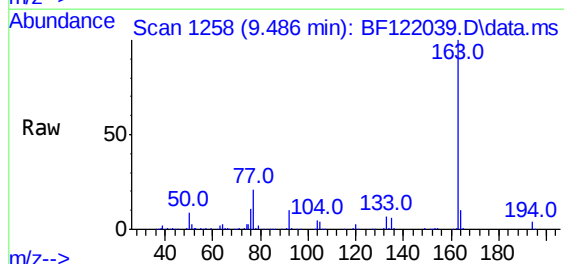
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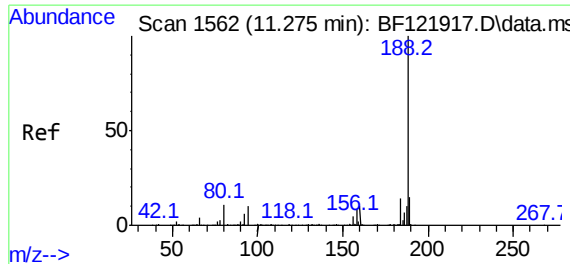
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#50
Dimethylphthalate
Concen: 10.99 ng
RT: 9.486 min Scan# 1258
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Tgt Ion:163 Resp: 141174
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 8.2 12.4





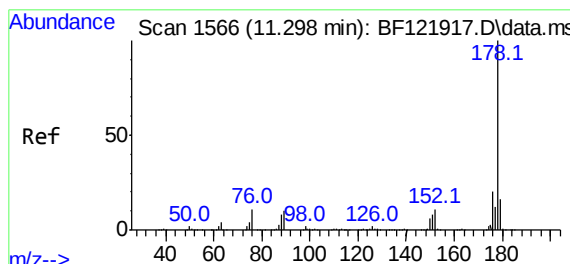
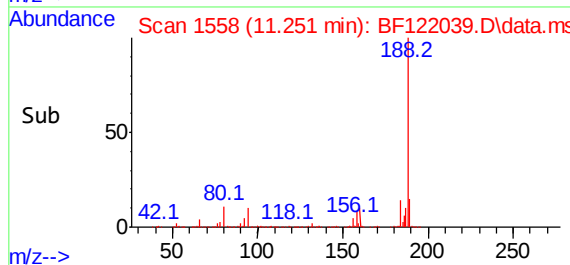
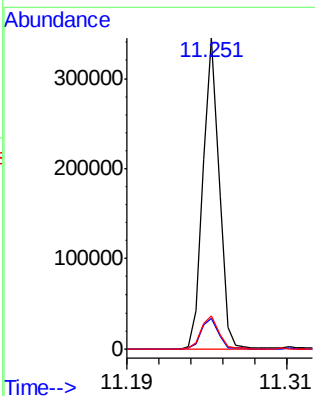
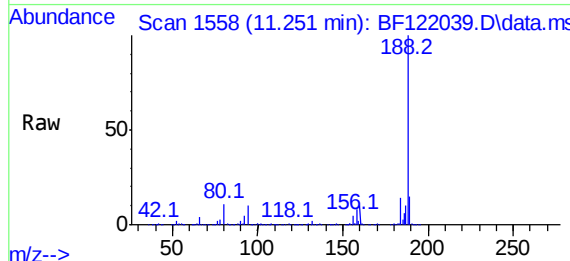
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.012 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Instrument :
BNA_F
ClientSampleId :
WCS-OH-F1-5.0-10.0

Tgt Ion:188 Resp: 282798
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.5 9.1 13.7

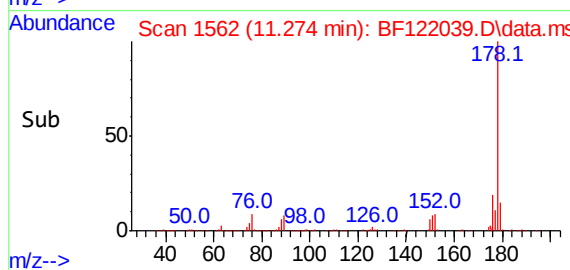
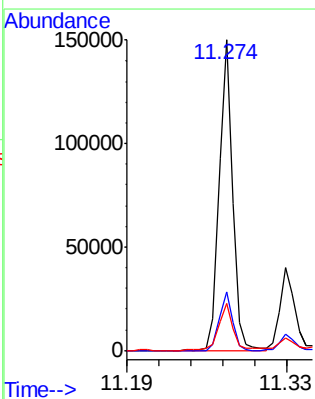
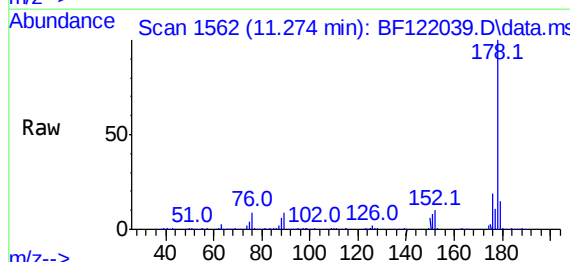
Manual Integrations
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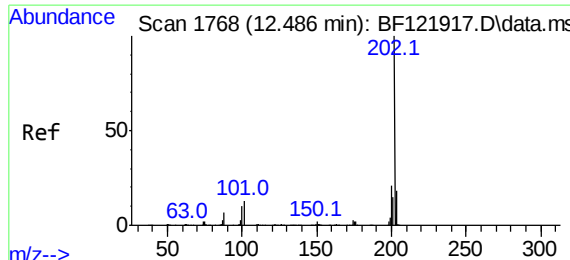
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#71
Phenanthrene
Concen: 8.01 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

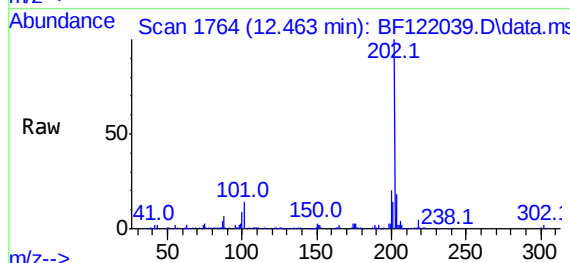
Tgt Ion:178 Resp: 124131
Ion Ratio Lower Upper
178 100
176 19.0 15.9 23.9
179 15.3 12.2 18.4





#75
Fluoranthene
Concen: 6.32 ng
RT: 12.463 min Scan# 1764
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

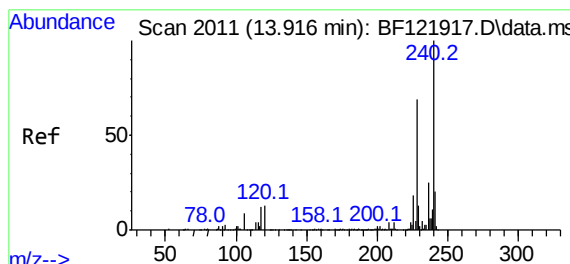
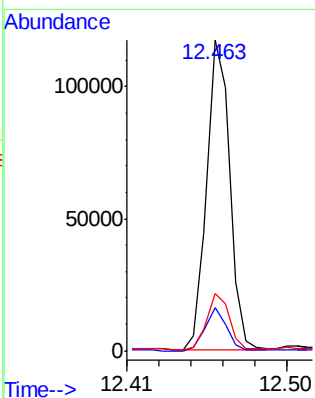
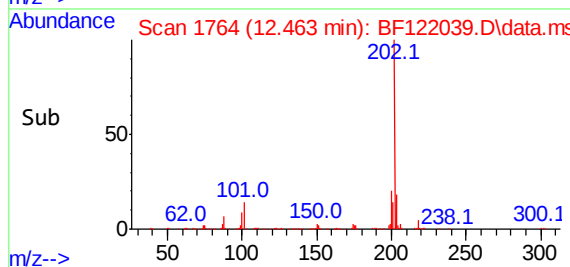
Instrument :
BNA_F
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WCS-OH-F1-5.0-10.0



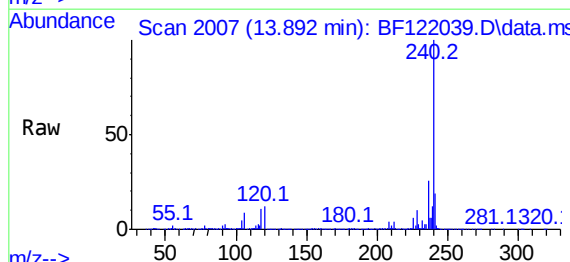
Tgt Ion:202 Resp: 105107
Ion Ratio Lower Upper
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101 13.8 0.0 33.4
203 18.2 0.0 37.9

Manual Integrations
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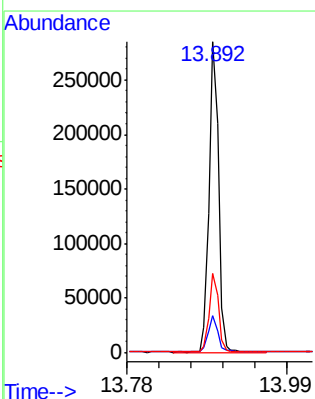
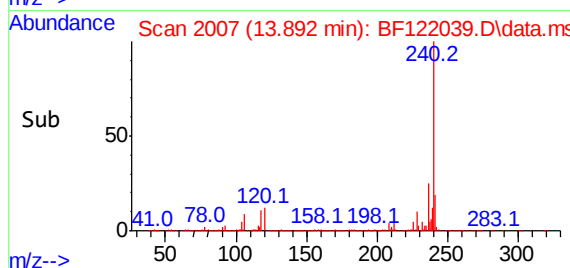
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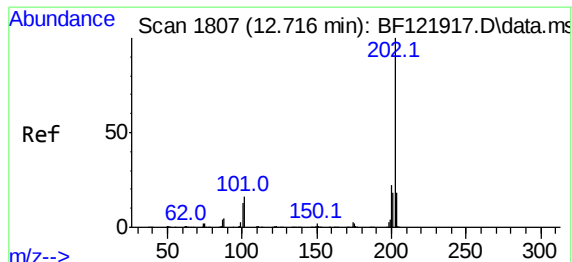


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11



Tgt Ion:240 Resp: 248659
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 25.5 20.9 31.3





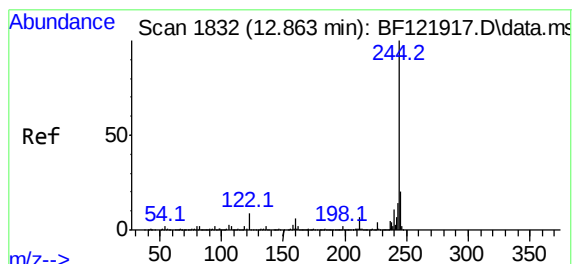
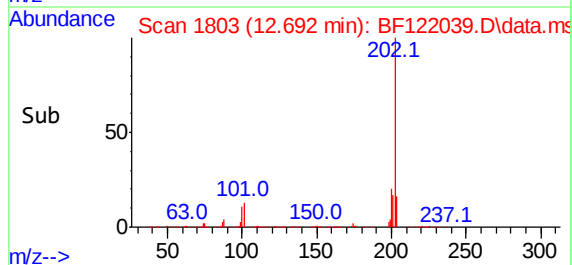
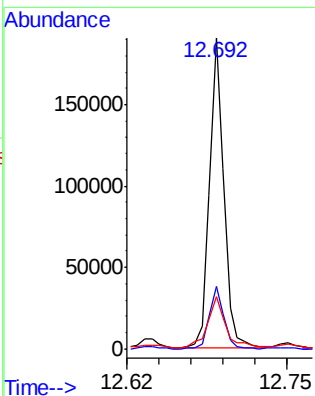
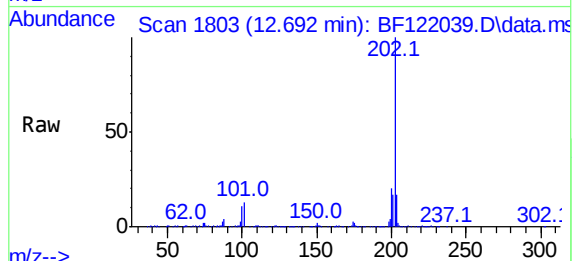
#78
Pyrene
Concen: 8.33 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Instrument :
BNA_F
ClientSampleId :
WCS-OH-F1-5.0-10.0

Tgt Ion:202 Resp: 157772
Ion Ratio Lower Upper
202 100
200 20.1 17.4 26.2
203 16.9 14.6 21.8

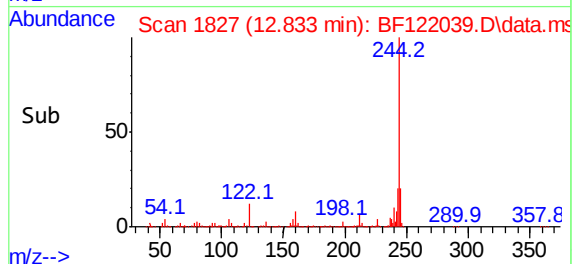
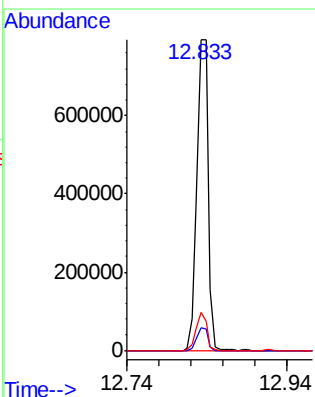
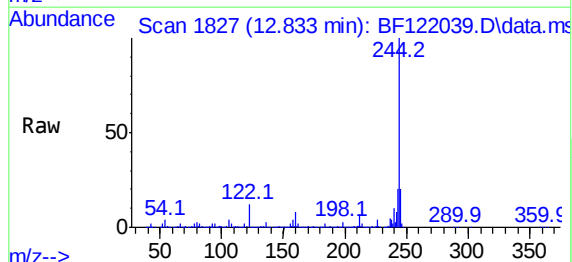
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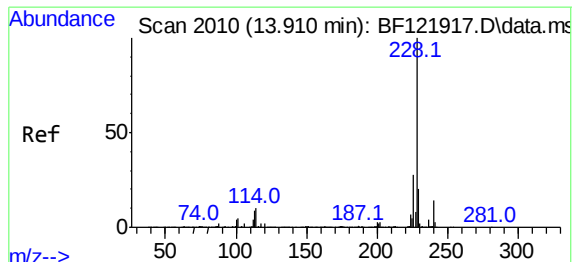
mohammad
10/21/2020 12:50:16 PM



#79
Terphenyl-d14
Concen: 60.12 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Tgt Ion:244 Resp: 784437
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 12.3 8.1 12.1#





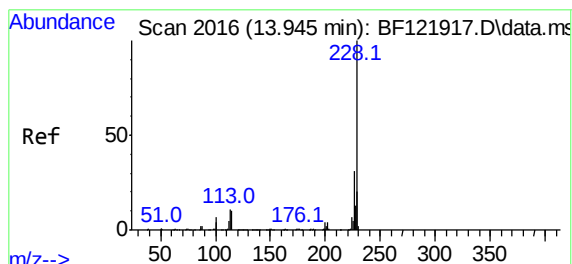
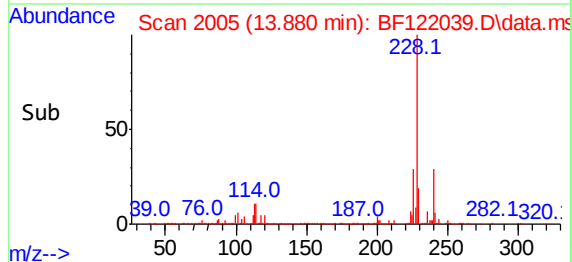
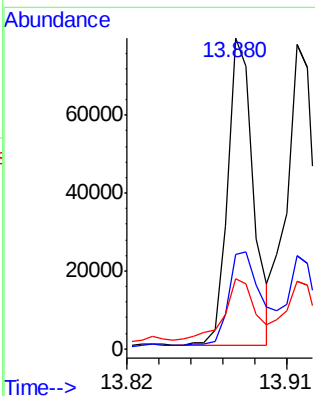
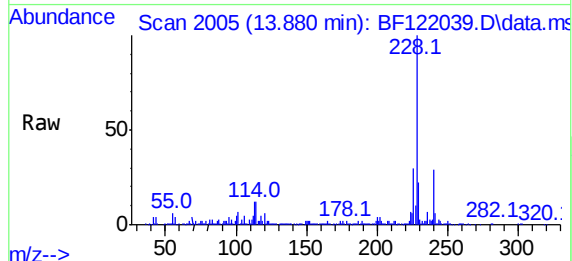
#81
Benzo(a)anthracene
Concen: 4.96 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Tgt Ion:	228	Resp:	80889
Ion Ratio	Lower	Upper	
228	100		
226	30.2	22.3	33.5
229	22.4	16.2	24.4

Instrument :
BNA_F
ClientSampleId :
WCS-OH-F1-5.0-10.0

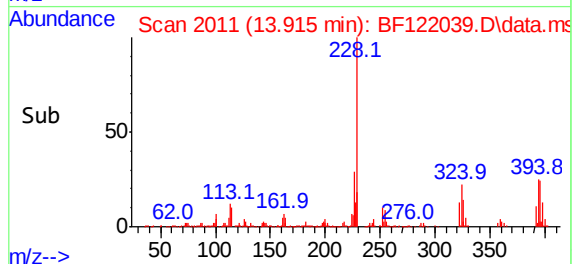
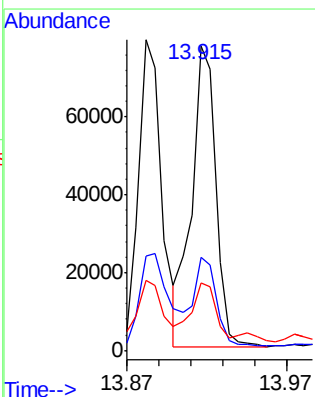
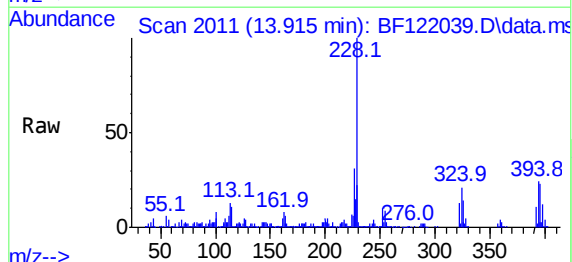
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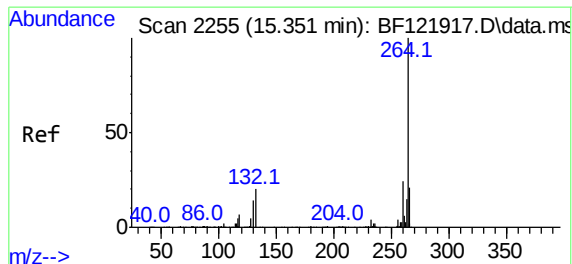
mohammad
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#83
Chrysene
Concen: 5.15 ng
RT: 13.915 min Scan# 2011
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Tgt Ion:	228	Resp:	82400
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.6	37.0
229	22.0	15.9	23.9





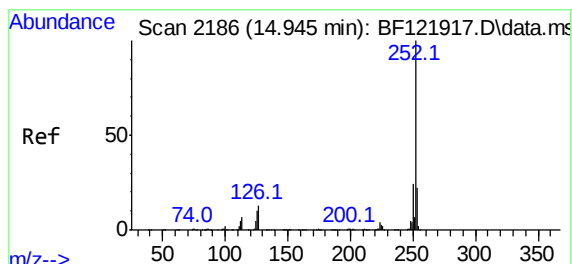
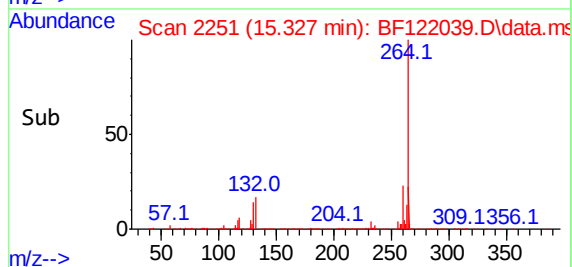
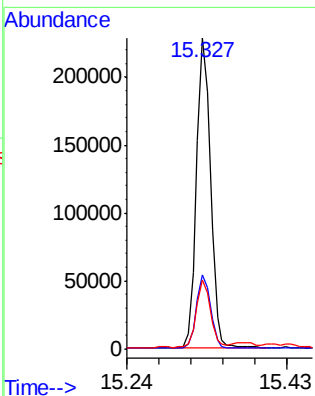
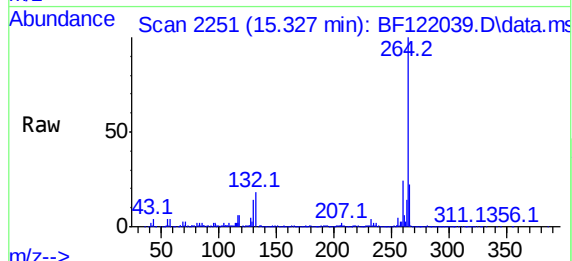
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.327 min Scan# 2251
 Delta R.T. -0.012 min
 Lab File: BF122039.D
 Acq: 20 Oct 2020 20:11

Tgt Ion:	264	Resp:	269411
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.3	17.3	25.9

Instrument :
 BNA_F
 ClientSampleId :
 WCS-OH-F1-5.0-10.0

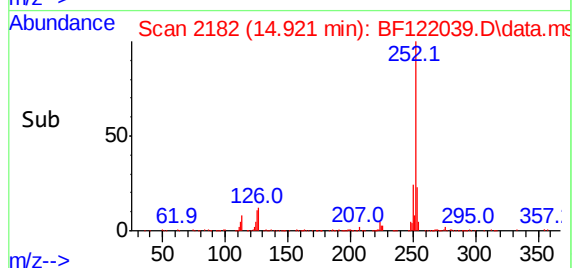
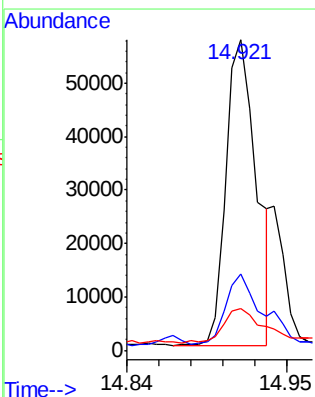
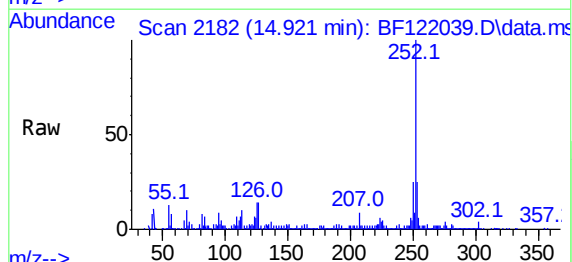
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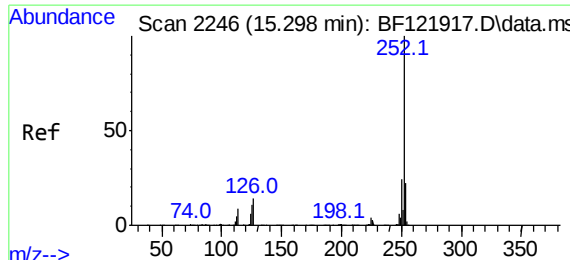
mohammad
 10/21/2020 12:50:16 PM



#88
 Benzo(b)fluoranthene
 Concen: 4.61 ng m
 RT: 14.921 min Scan# 2182
 Delta R.T. -0.012 min
 Lab File: BF122039.D
 Acq: 20 Oct 2020 20:11

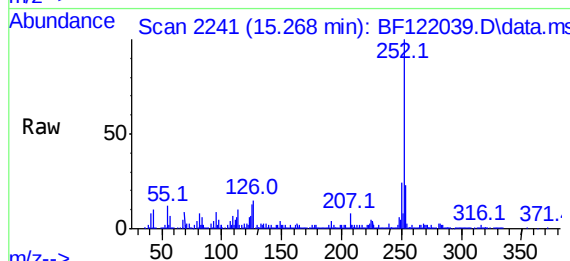
Tgt Ion:	252	Resp:	84000
Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.2
125	13.7	8.0	12.0#





#90
Benzo(a)pyrene
Concen: 4.45 ng
RT: 15.268 min Scan# 2241
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

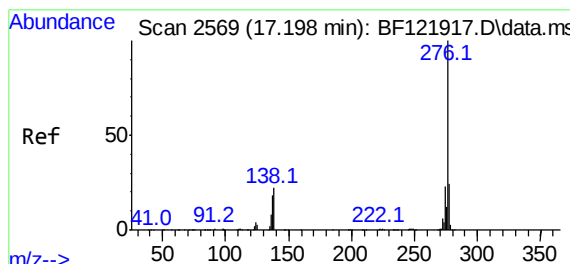
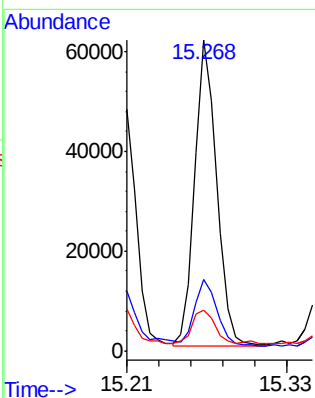
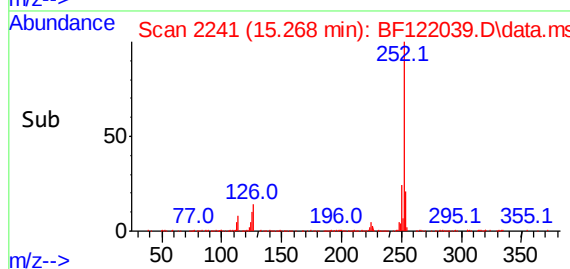
Instrument :
BNA_F
ClientSampleId :
WCS-OH-F1-5.0-10.0



Tgt Ion:252 Resp: 69994
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 13.0 8.6 13.0#

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.83 ng
RT: 17.168 min Scan# 2564
Delta R.T. -0.018 min
Lab File: BF122039.D
Acq: 20 Oct 2020 20:11

Tgt Ion:276 Resp: 40748
Ion Ratio Lower Upper
276 100
277 26.4 19.4 29.2
138 25.3 17.8 26.6

