

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
 Data File : BF123470.D
 Acq On : 25 Mar 2021 19:51
 Operator : JU/CG
 Sample : M1771-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOIL-323

Manual Integrations
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Quant Time: Mar 26 00:39:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 25 17:06:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	205136	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	733738	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	369495	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	531848	20.00	ng	0.00
76) Chrysene-d12	14.080	240	379090	20.00	ng	0.00
86) Perylene-d12	15.580	264	355191	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	752420	60.01	ng	0.00
7) Phenol-d6	6.516	99	938943	56.25	ng	-0.01
23) Nitrobenzene-d5	7.457	82	602826	44.34	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	198765	48.12	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1108864	42.87	ng	0.00
79) Terphenyl-d14	13.021	244	828829	37.05	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.645	202	212757	6.68	ng	97
78) Pyrene	12.874	202	202828	6.20	ng	97
81) Benzo(a)anthracene	14.068	228	123409	4.97	ng	97
83) Chrysene	14.104	228	133462m	5.21	ng	
87) Indeno(1,2,3-cd)pyrene	17.080	276	63613	2.88	ng	97
88) Benzo(b)fluoranthene	15.133	252	193352m	7.89	ng	
89) Benzo(k)fluoranthene	15.162	252	48700m	2.10	ng	
90) Benzo(a)pyrene	15.509	252	116289	5.50	ng	99
92) Benzo(g,h,i)perylene	17.533	276	60688	3.24	ng	97

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

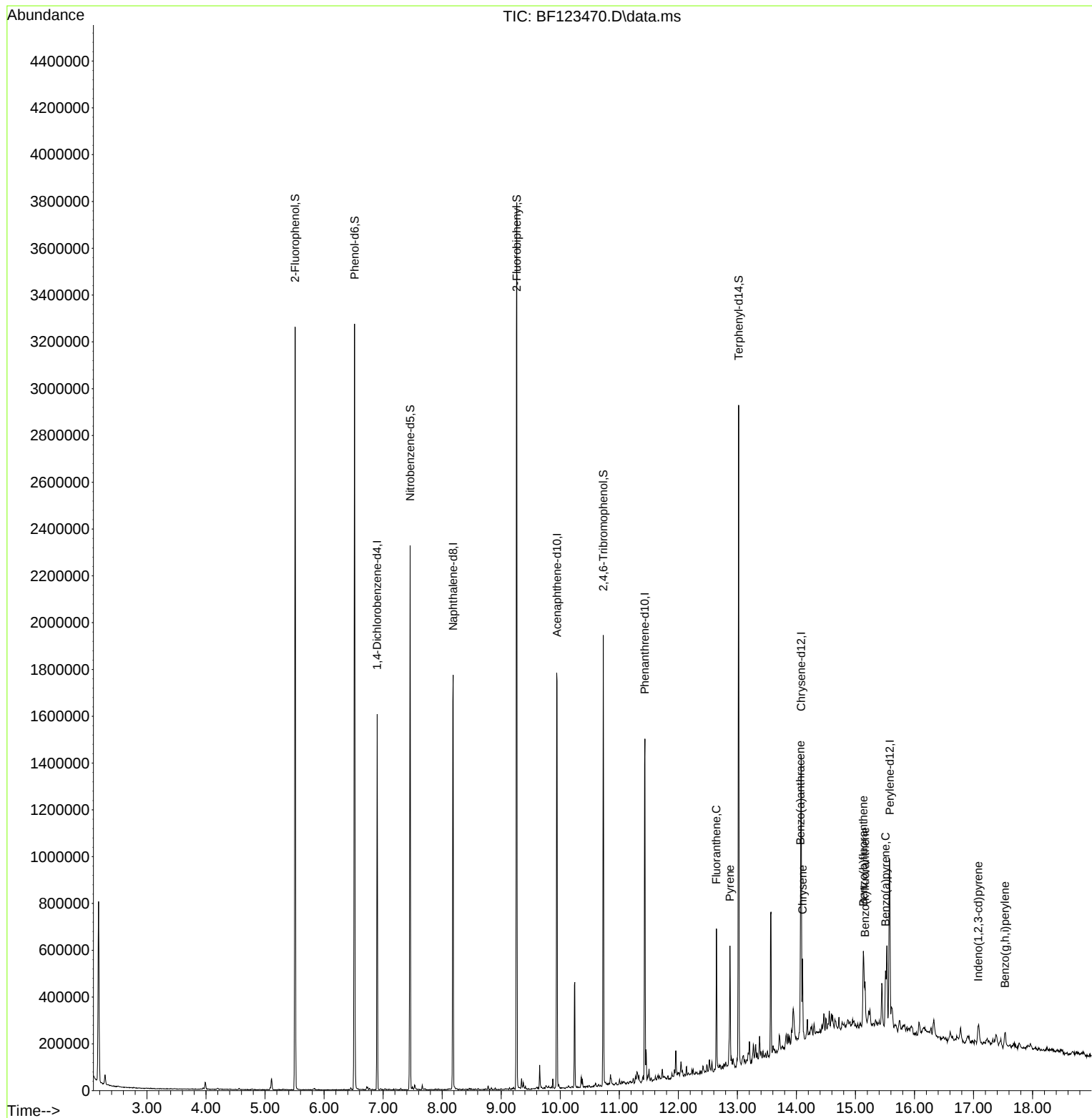
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123470.D
Acq On : 25 Mar 2021 19:51
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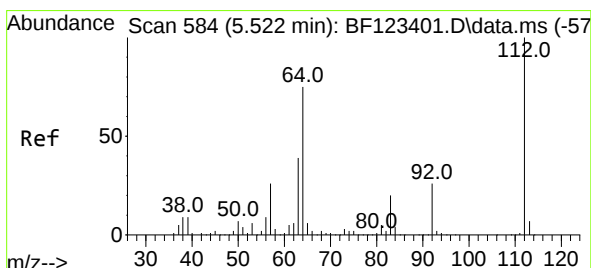
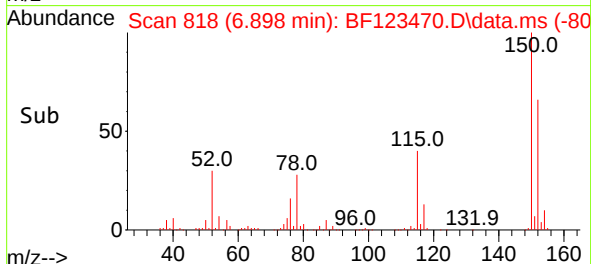
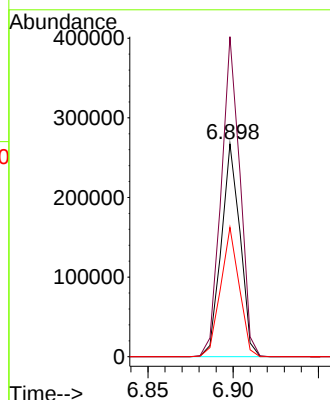
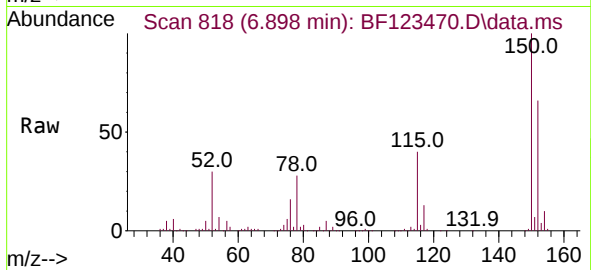
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123470.D
Acq: 25 Mar 2021 19:51

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 205136
Ion Ratio Lower Upper
152 100
150 150.4 125.8 188.6
115 60.8 49.3 73.9

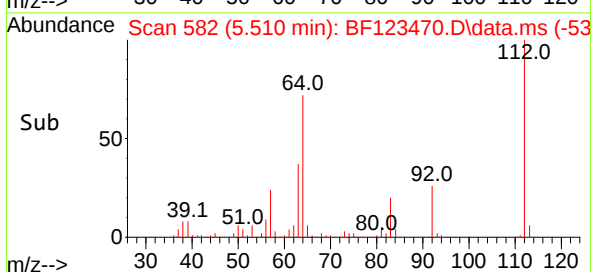
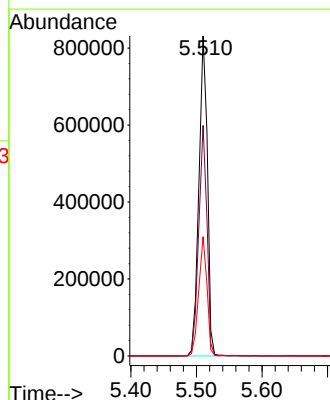
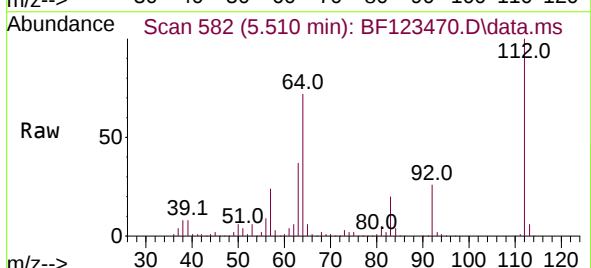
Manual Integrations
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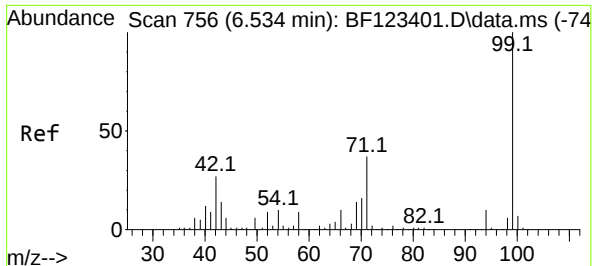
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#5
2-Fluorophenol
Concen: 60.01 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF123470.D
Acq: 25 Mar 2021 19:51

Tgt Ion:112 Resp: 752420
Ion Ratio Lower Upper
112 100
64 72.0 46.9 70.3#
63 37.3 24.5 36.7#





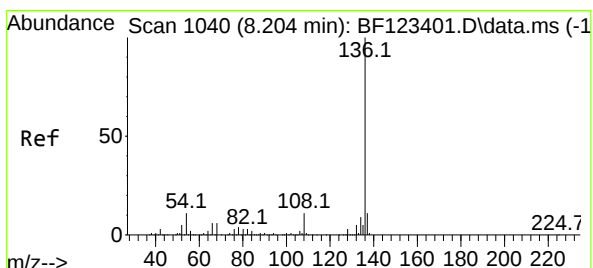
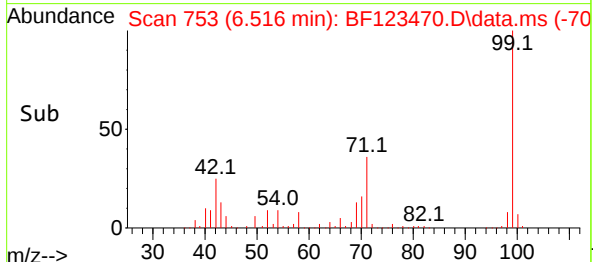
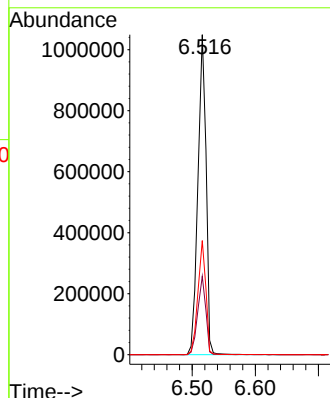
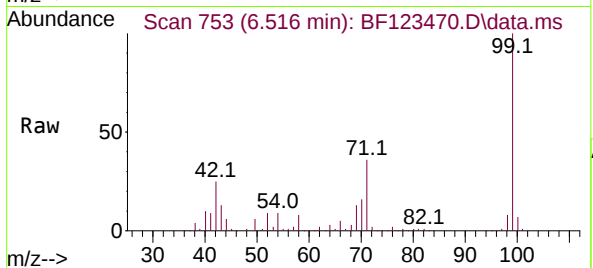
#7
Phenol-d6
Concen: 56.25 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF123470.D
Acq: 25 Mar 2021 19:51

Tgt Ion: 99 Resp: 938943
Ion Ratio Lower Upper
99 100
42 24.5 13.8 20.6#
71 35.7 26.9 40.3

Instrument :
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ClientSampleId :
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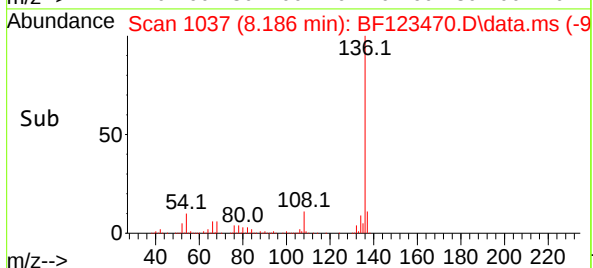
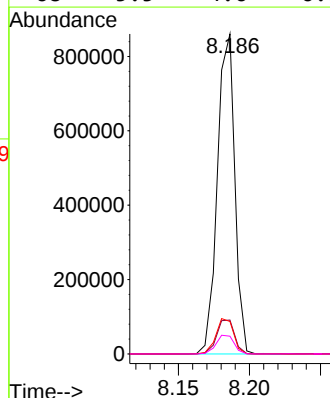
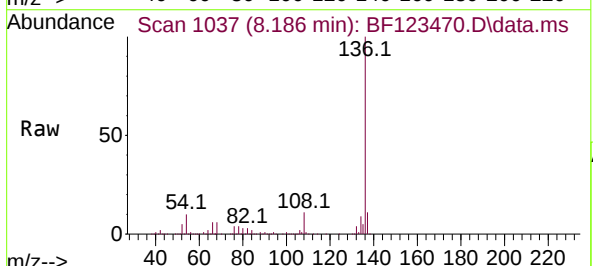
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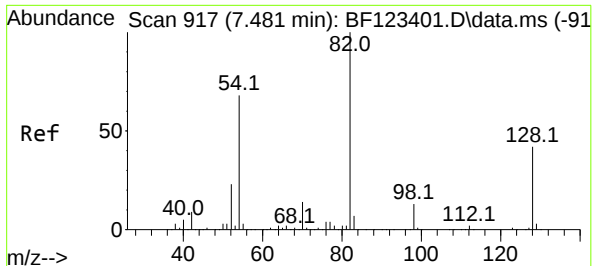
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF123470.D
Acq: 25 Mar 2021 19:51

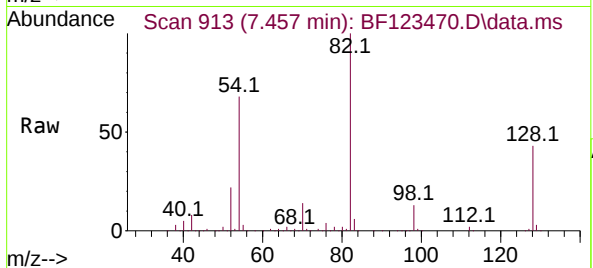
Tgt Ion: 136 Resp: 733738
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 10.1 5.5 8.3#
68 5.5 4.6 6.8





#23
Nitrobenzene-d5
Concen: 44.34 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123470.D
Acq: 25 Mar 2021 19:51

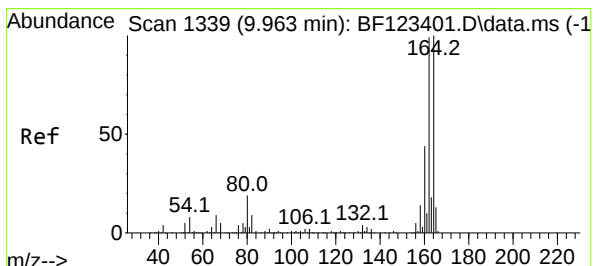
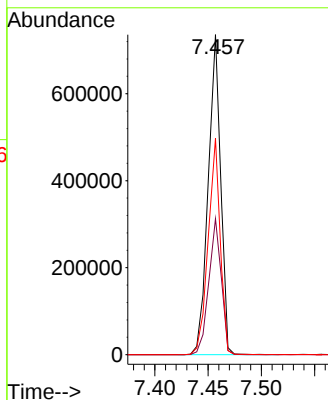
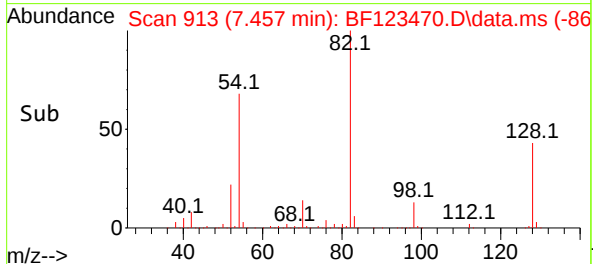
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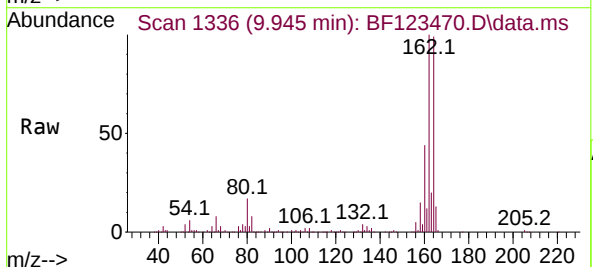
Tgt Ion: 82 Resp: 602826
Ion Ratio Lower Upper
82 100
128 42.5 37.0 55.4
54 67.6 38.4 57.6#

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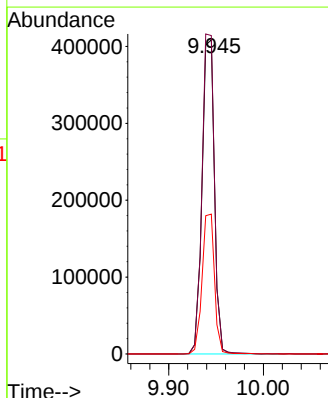
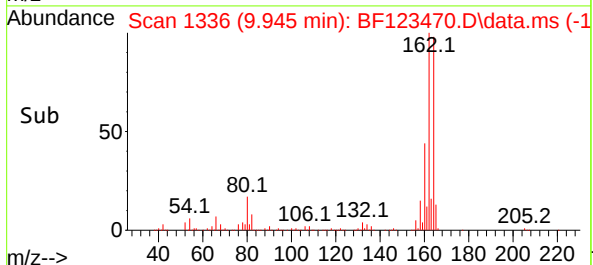
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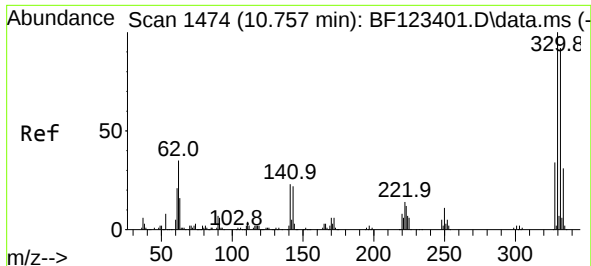


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF123470.D
Acq: 25 Mar 2021 19:51



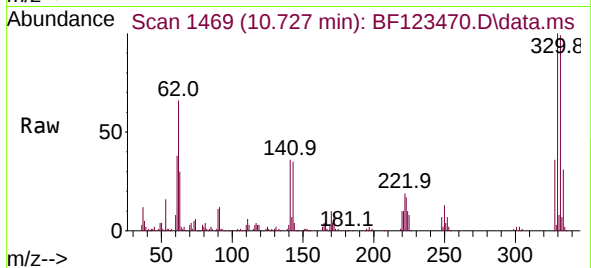
Tgt Ion: 164 Resp: 369495
Ion Ratio Lower Upper
164 100
162 101.3 80.8 121.2
160 44.5 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 48.12 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123470.D
Acq: 25 Mar 2021 19:51

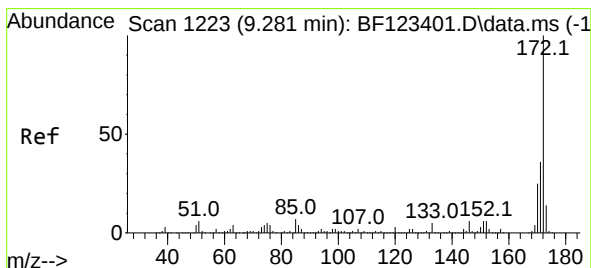
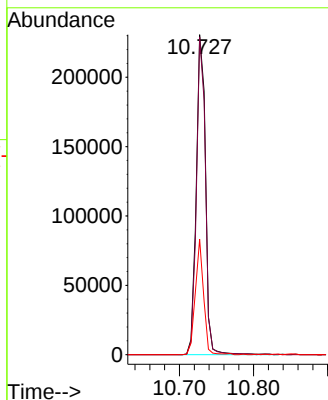
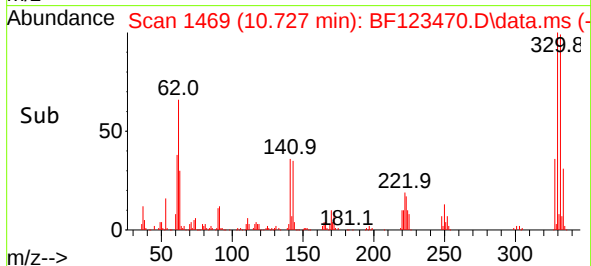
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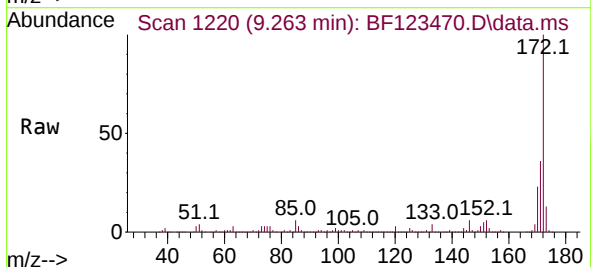
Tgt Ion: 330 Resp: 198765
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 32.5 23.8 35.8

Manual Integrations
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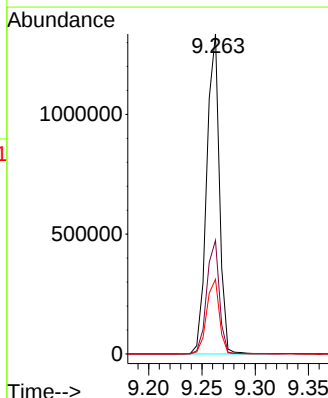
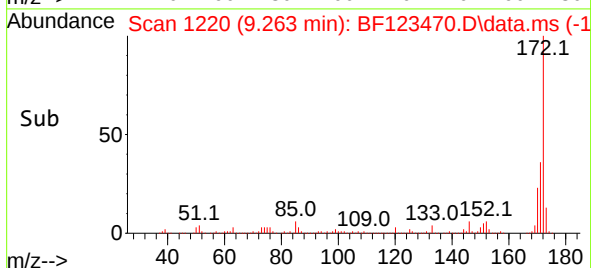
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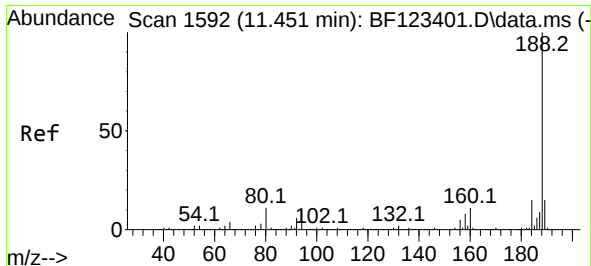


#45
2-Fluorobiphenyl
Concen: 42.87 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF123470.D
Acq: 25 Mar 2021 19:51



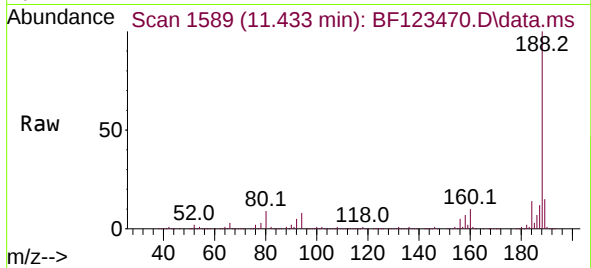
Tgt Ion: 172 Resp: 1108864
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.4 19.5 29.3





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF123470.D
Acq: 25 Mar 2021 19:51

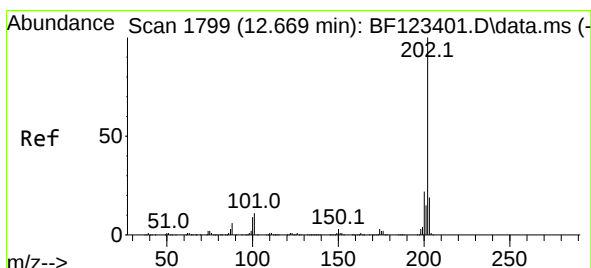
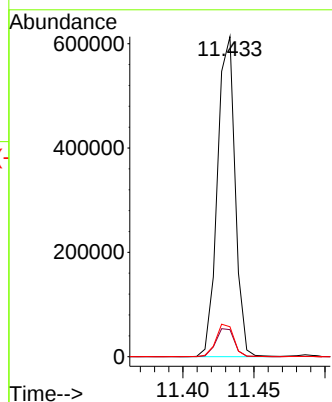
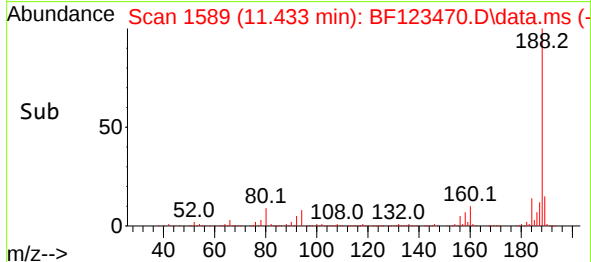
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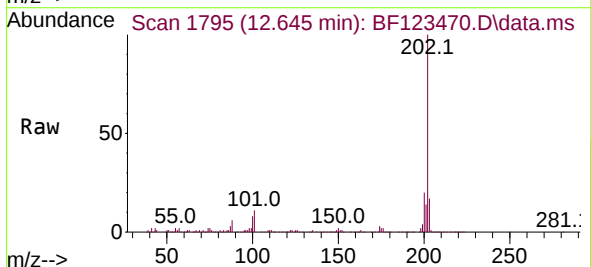
Tgt Ion:188 Resp: 531848
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 9.3 8.2 12.4

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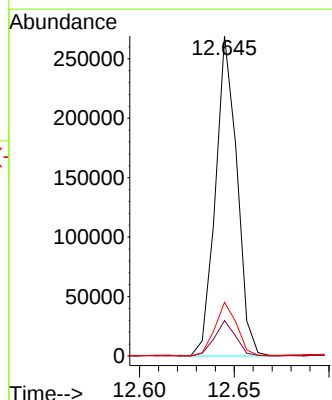
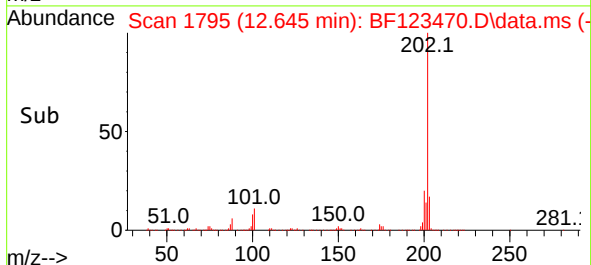
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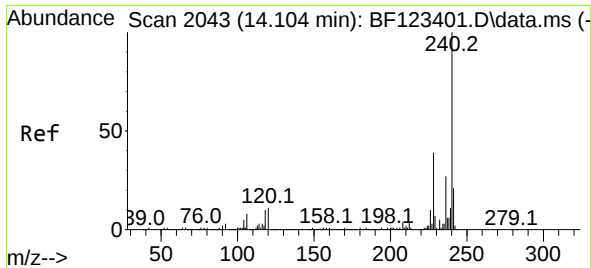


#75
Fluoranthene
Concen: 6.68 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF123470.D
Acq: 25 Mar 2021 19:51



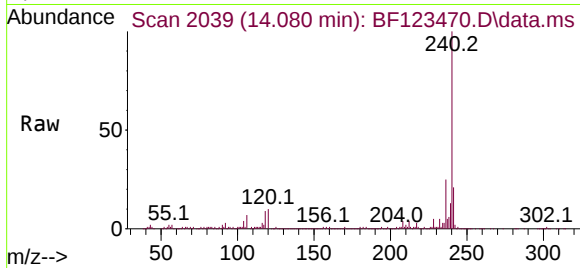
Tgt Ion:202 Resp: 212757
Ion Ratio Lower Upper
202 100
101 11.0 0.0 32.2
203 16.7 0.0 38.1





#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BF123470.D
Acq: 25 Mar 2021 19:51

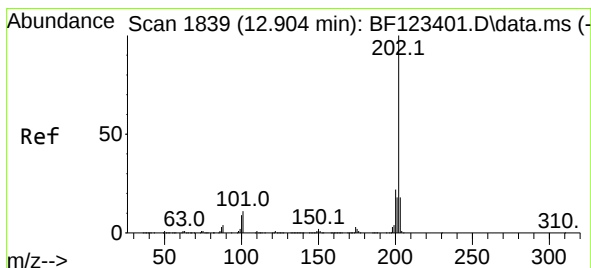
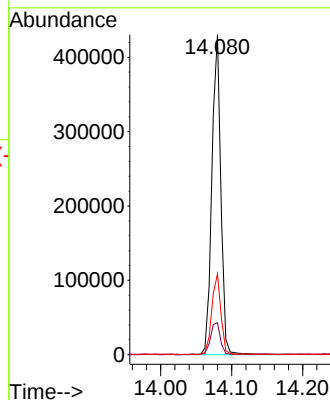
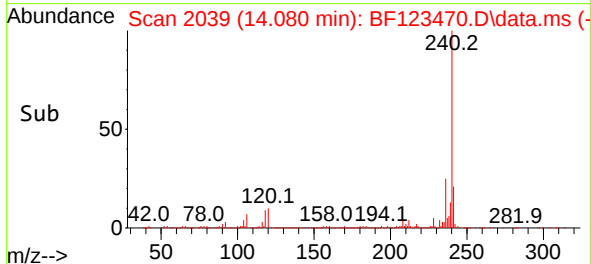
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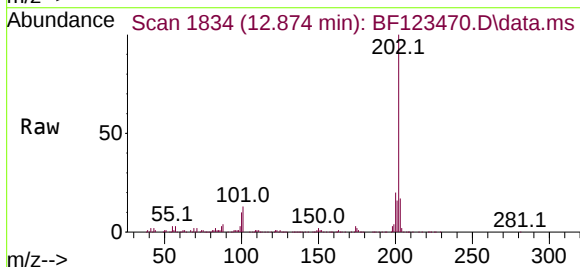
Tgt Ion:240 Resp: 379090
Ion Ratio Lower Upper
240 100
120 10.0 8.6 12.8
236 25.3 20.3 30.5

Manual Integrations
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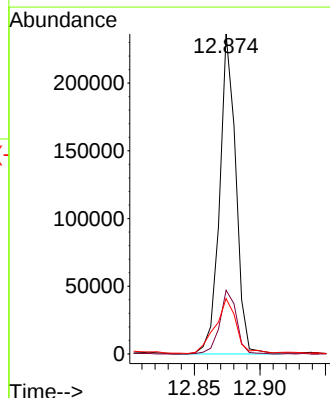
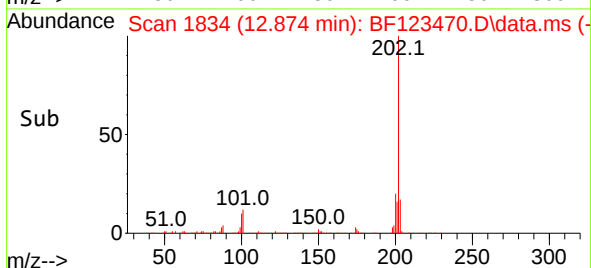
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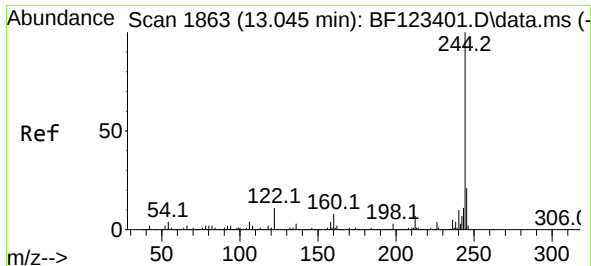


#78
Pyrene
Concen: 6.20 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF123470.D
Acq: 25 Mar 2021 19:51



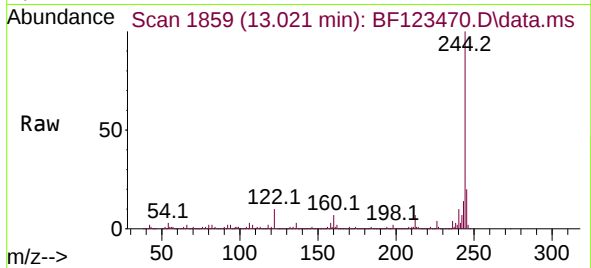
Tgt Ion:202 Resp: 202828
Ion Ratio Lower Upper
202 100
200 19.9 17.6 26.4
203 17.3 14.6 21.8





#79
Terphenyl-d14
Concen: 37.05 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF123470.D
Acq: 25 Mar 2021 19:51

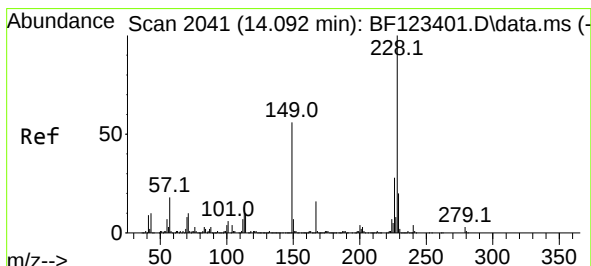
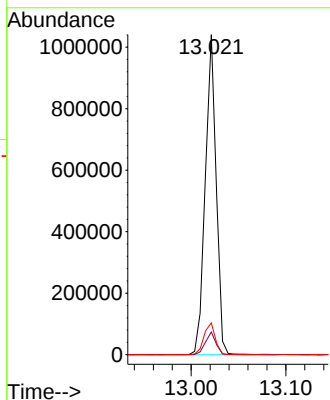
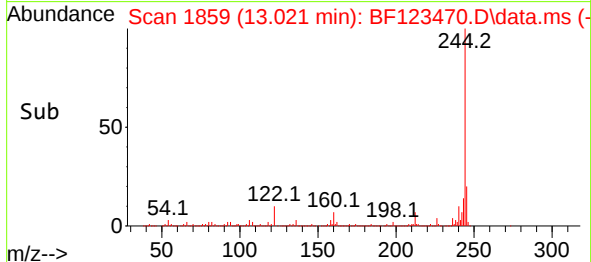
Instrument :
BNA_F
ClientSampleId :
COMP-SOIL-323



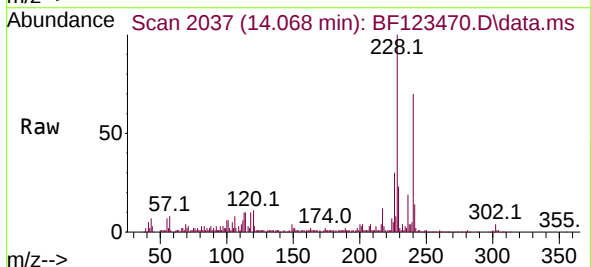
Tgt Ion:244 Resp: 828829
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.0 8.3 12.5

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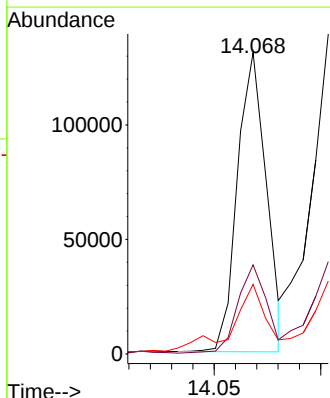
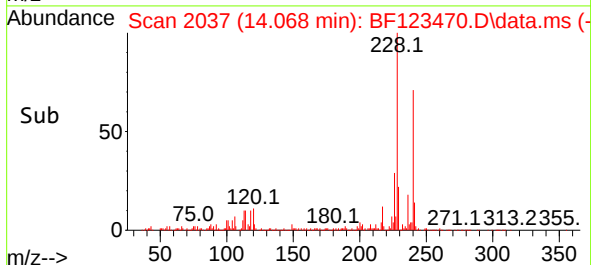
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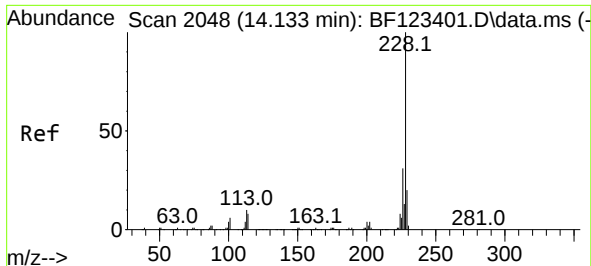


#81
Benzo(a)anthracene
Concen: 4.97 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.006 min
Lab File: BF123470.D
Acq: 25 Mar 2021 19:51

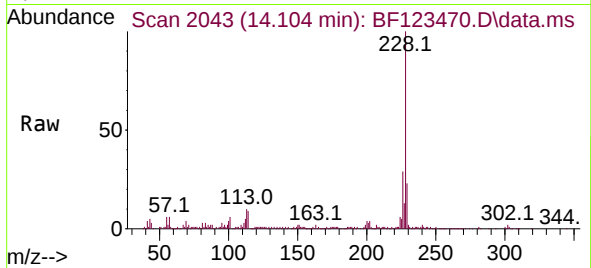


Tgt Ion:228 Resp: 123409
Ion Ratio Lower Upper
228 100
226 29.6 23.0 34.4
229 23.1 16.6 24.8

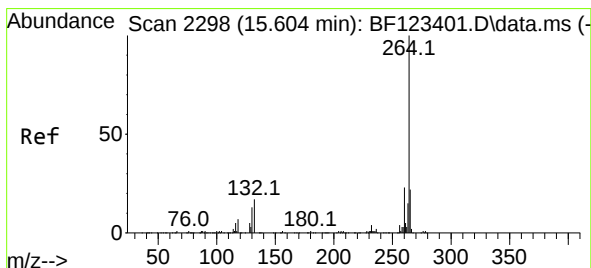
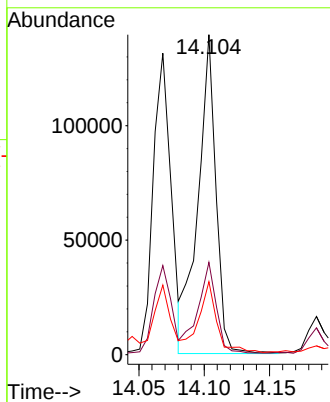
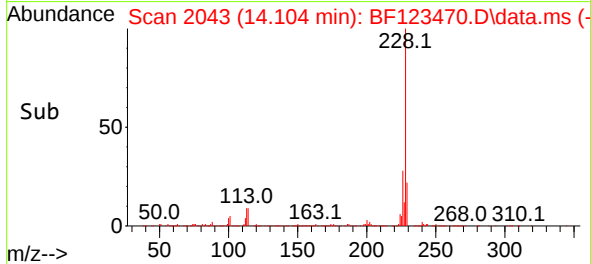




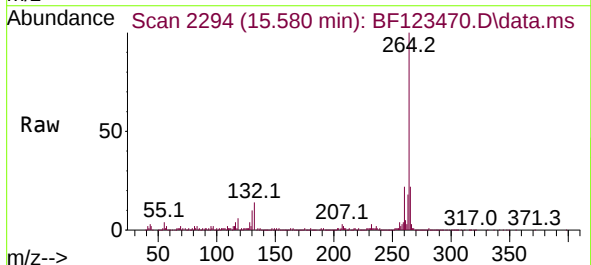
#83
Chrysene
Concen: 5.21 ng m
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF123470.D
Acq: 25 Mar 2021 19:51



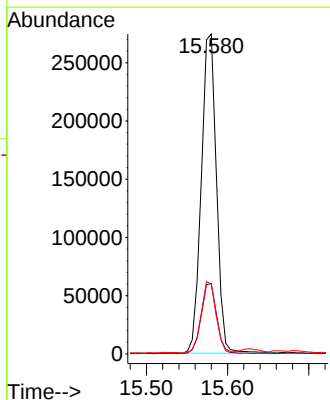
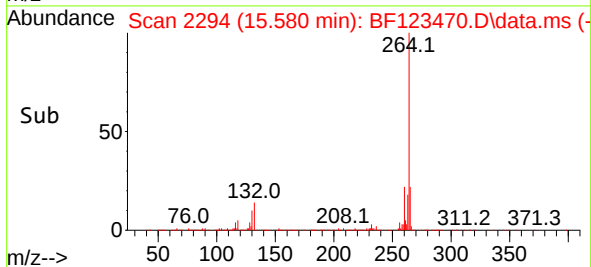
Tgt Ion:228 Resp: 133462
Ion Ratio Lower Upper
228 100
226 28.8 24.6 36.8
229 22.8 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BF123470.D
Acq: 25 Mar 2021 19:51



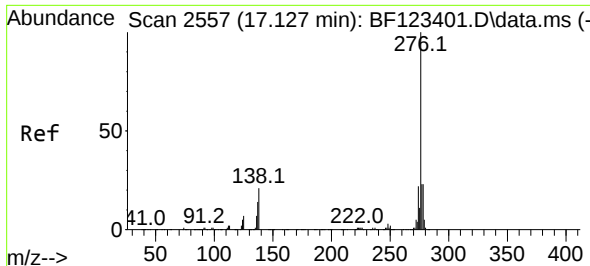
Tgt Ion:264 Resp: 355191
Ion Ratio Lower Upper
264 100
260 22.0 18.6 28.0
265 21.8 17.0 25.6



Instrument :
BNA_F
ClientSampleId :
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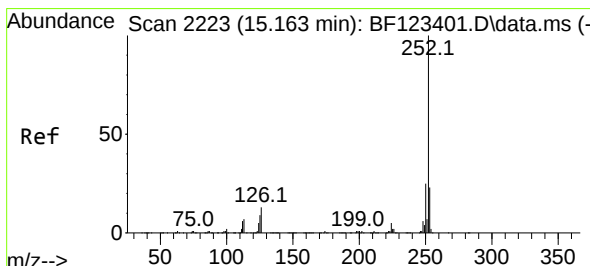
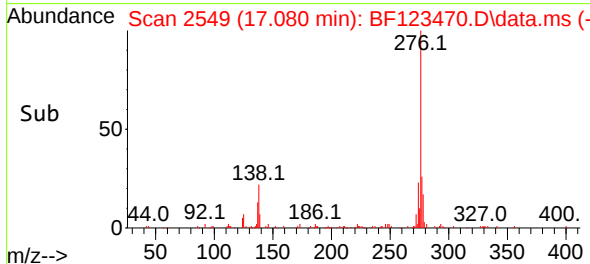
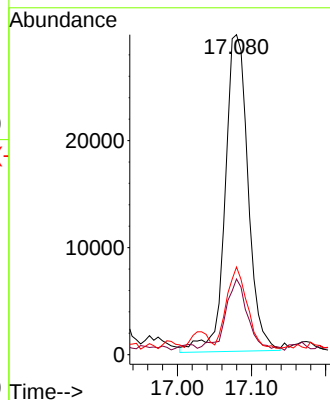
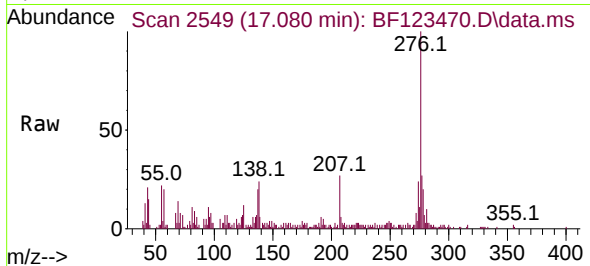
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.88 ng
RT: 17.080 min Scan# 2549
Delta R.T. -0.006 min
Lab File: BF123470.D
Acq: 25 Mar 2021 19:51

Tgt Ion:276 Resp: 63613
Ion Ratio Lower Upper
276 100
138 21.8 18.7 28.1
277 23.6 20.2 30.4

Instrument :
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ClientSampleId :
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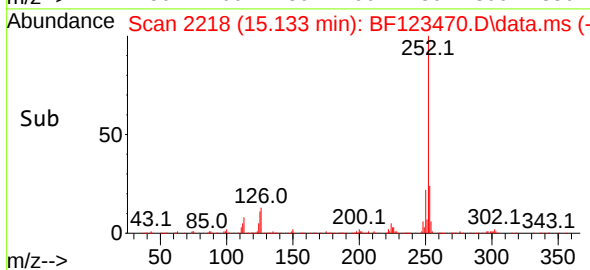
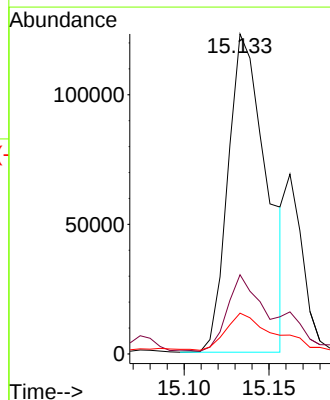
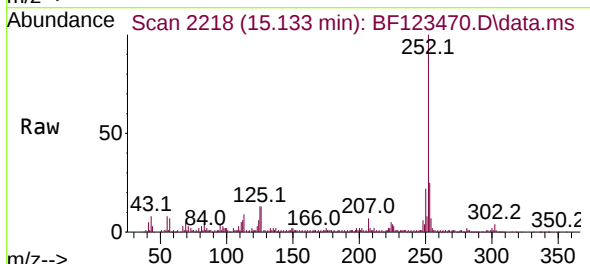
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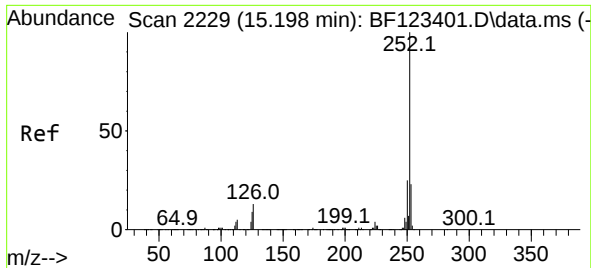
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#88
Benzo(b)fluoranthene
Concen: 7.89 ng m
RT: 15.133 min Scan# 2218
Delta R.T. -0.006 min
Lab File: BF123470.D
Acq: 25 Mar 2021 19:51

Tgt Ion:252 Resp: 193352
Ion Ratio Lower Upper
252 100
253 24.8 18.3 27.5
125 12.7 8.1 12.1#





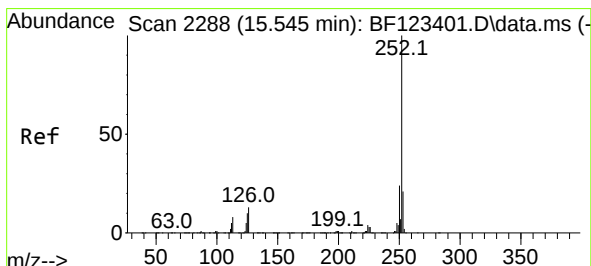
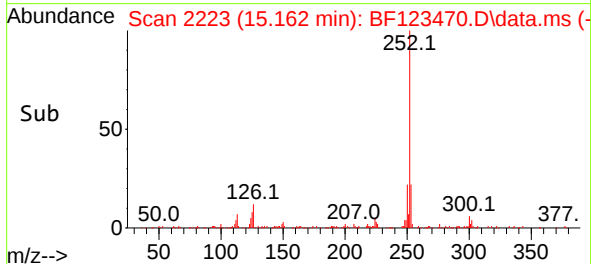
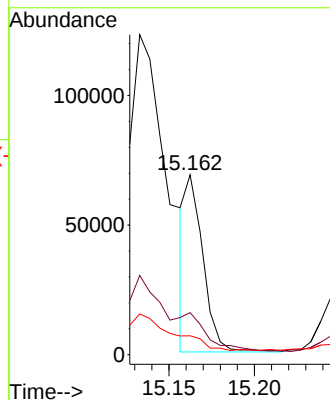
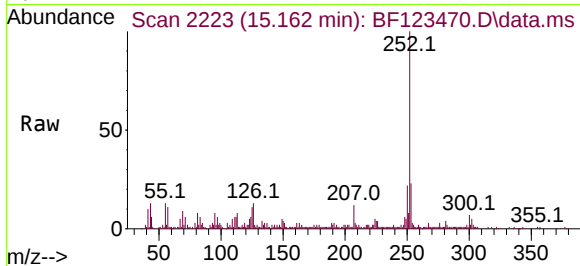
#89
Benzo(k)fluoranthene
Concen: 2.10 ng m
RT: 15.162 min Scan# 2223
Delta R.T. -0.006 min
Lab File: BF123470.D
Acq: 25 Mar 2021 19:51

Tgt Ion:	252	Resp:	48700
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.8	26.8
125	10.5	8.4	12.6

Instrument :
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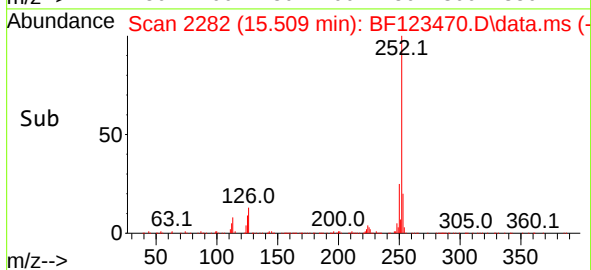
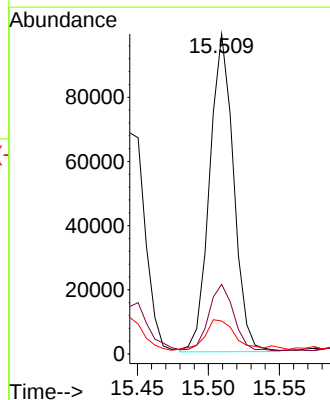
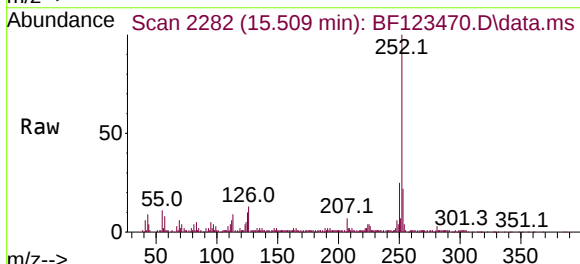
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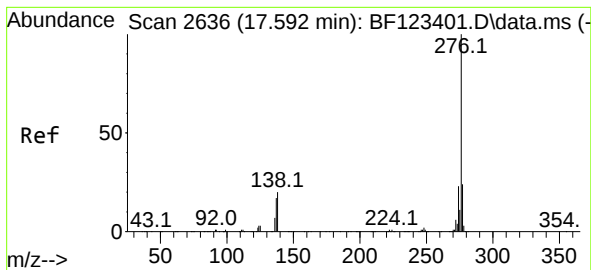
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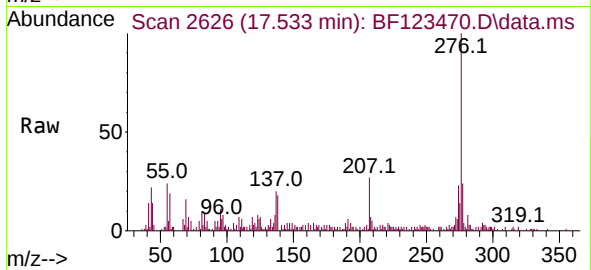
#90
Benzo(a)pyrene
Concen: 5.50 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF123470.D
Acq: 25 Mar 2021 19:51

Tgt Ion:	252	Resp:	116289
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.5	26.3
125	10.3	8.6	12.8

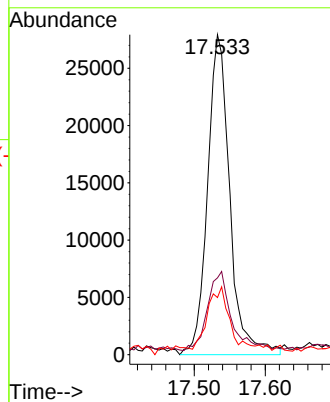
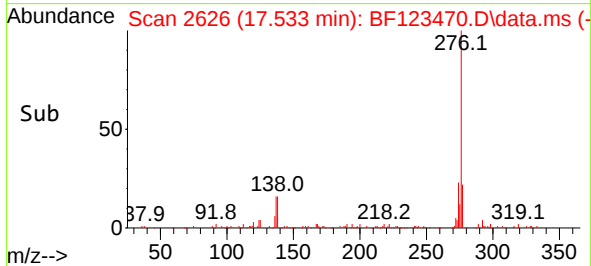




#92
 Benzo(g,h,i)perylene
 Concen: 3.24 ng
 RT: 17.533 min Scan# 2626
 Delta R.T. -0.012 min
 Lab File: BF123470.D
 Acq: 25 Mar 2021 19:51



Tgt Ion:	276	Resp:	60688
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.3	28.9
138	17.8	16.6	24.8



Instrument :
 BNA_F
 ClientSampleId :
 COMP-SOIL-323

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