

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
 Data File : BF123116.D
 Acq On : 4 Feb 2021 15:43
 Operator : JU/CG
 Sample : M1291-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU421-006-0002

Manual Integrations
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Quant Time: Feb 04 16:13:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	228247	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	835518	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	406660	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	622713	20.00	ng	0.00
76) Chrysene-d12	14.086	240	491328	20.00	ng	0.00
86) Perylene-d12	15.586	264	408693	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1285156	86.85	ng	0.00
7) Phenol-d6	6.516	99	1585116	79.03	ng	0.00
23) Nitrobenzene-d5	7.457	82	996978	60.05	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	371957	84.26	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1696333	62.01	ng	0.00
79) Terphenyl-d14	13.021	244	1432607	57.29	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.451	178	108684	2.81	ng	97
75) Fluoranthene	12.645	202	168505	4.36	ng	97
78) Pyrene	12.874	202	175920	4.74	ng	97
81) Benzo(a)anthracene	14.074	228	85139	2.56	ng	# 68
83) Chrysene	14.110	228	105798	3.18	ng	# 90
88) Benzo(b)fluoranthene	15.139	252	129050m	4.37	ng	
90) Benzo(a)pyrene	15.515	252	86924	3.36	ng	# 67
92) Benzo(g,h,i)perylene	17.551	276	71112	3.28	ng	# 85

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

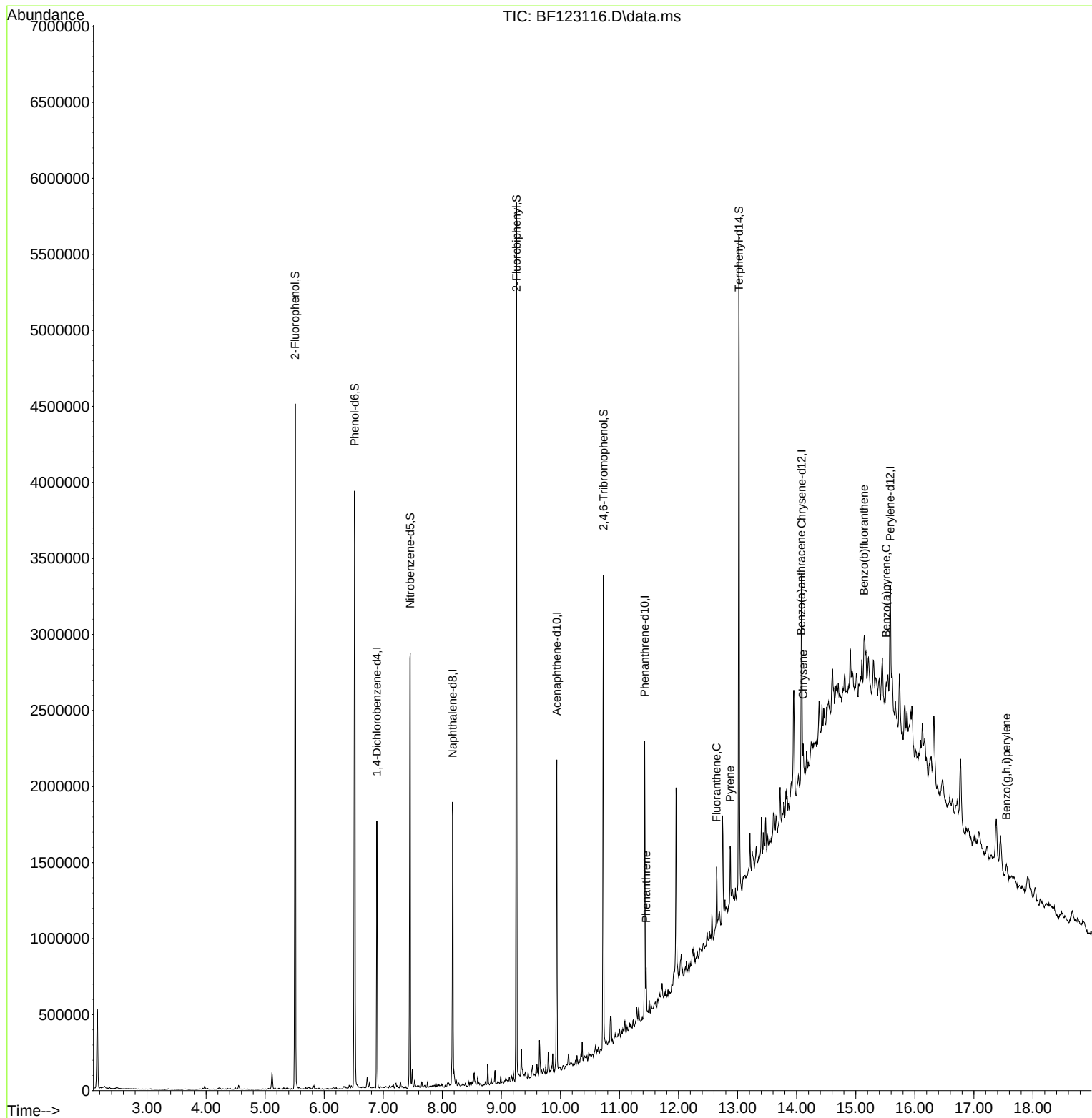
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
Data File : BF123116.D
Acq On : 4 Feb 2021 15:43
Operator : JU/CG
Sample : M1291-05
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ALS Vial : 11 Sample Multiplier: 1

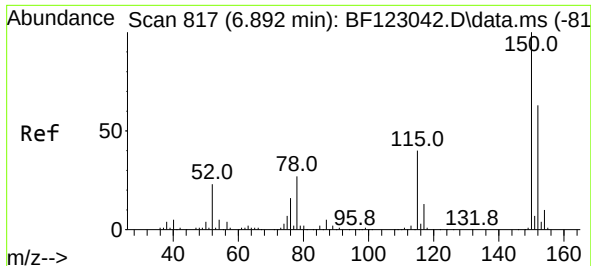
Instrument :
BNA_F
ClientSampleId :
OU421-006-0002

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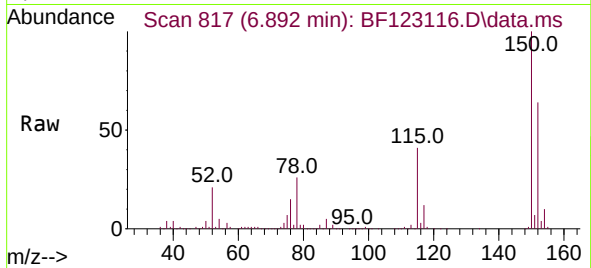
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Quant Time: Feb 04 16:13:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

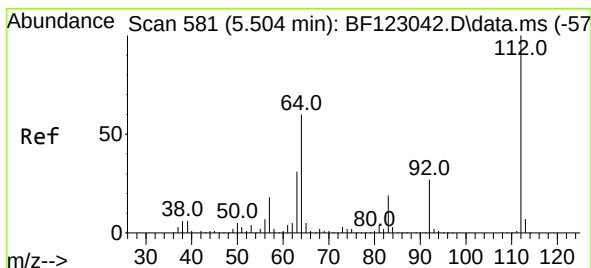
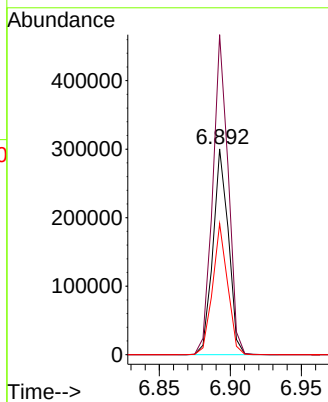
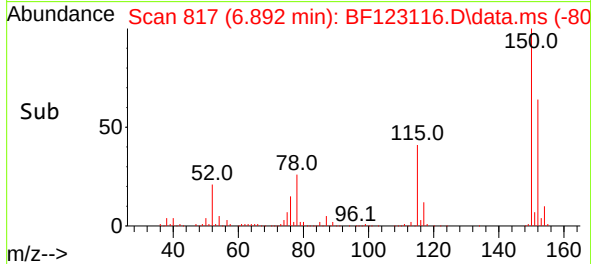




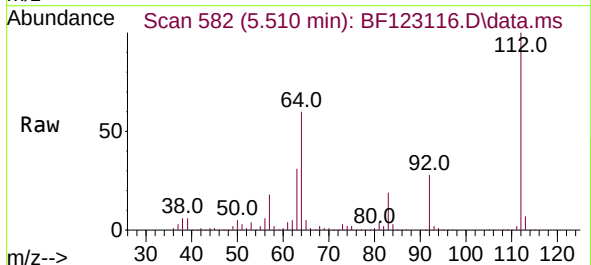
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123116.D
Acq: 4 Feb 2021 15:43



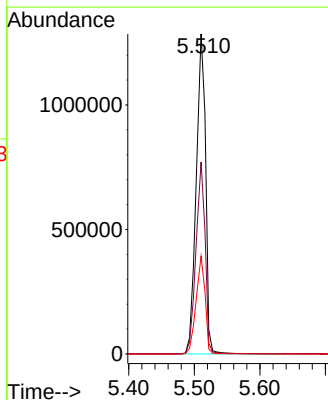
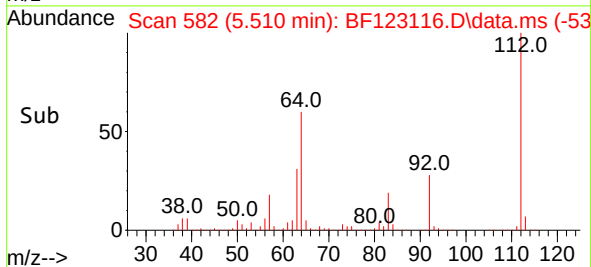
Tgt Ion:152 Resp: 228247
Ion Ratio Lower Upper
152 100
150 155.5 125.8 188.6
115 63.7 49.3 73.9



#5
2-Fluorophenol
Concen: 86.85 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123116.D
Acq: 4 Feb 2021 15:43



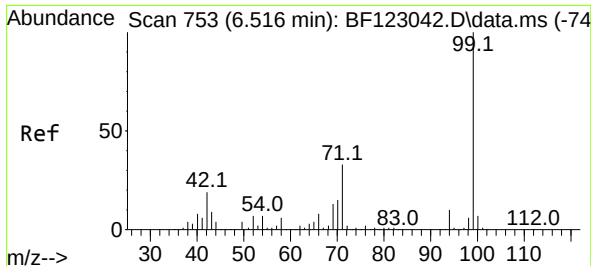
Tgt Ion:112 Resp: 1285156
Ion Ratio Lower Upper
112 100
64 60.0 46.9 70.3
63 30.5 24.5 36.7



Instrument :
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ClientSampleId :
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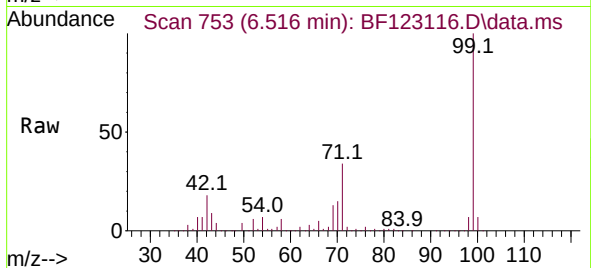
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#7
Phenol-d6
Concen: 79.03 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF123116.D
Acq: 4 Feb 2021 15:43

Instrument :
BNA_F
ClientSampleId :
OU421-006-0002

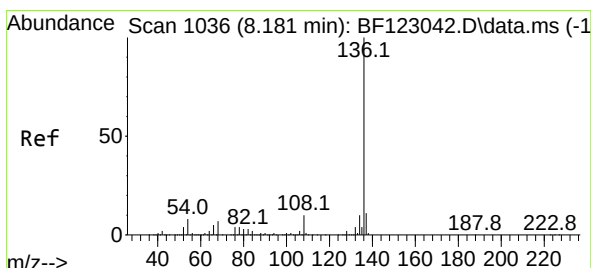
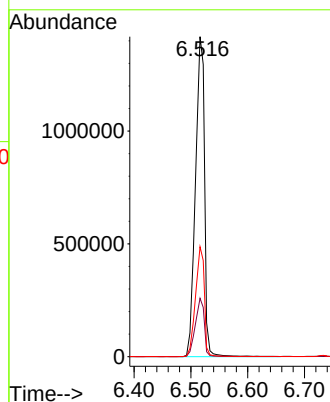
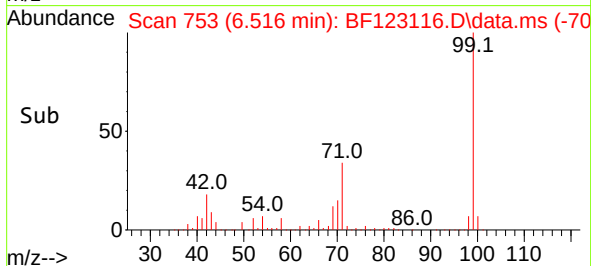


Tgt Ion: 99 Resp: 1585116

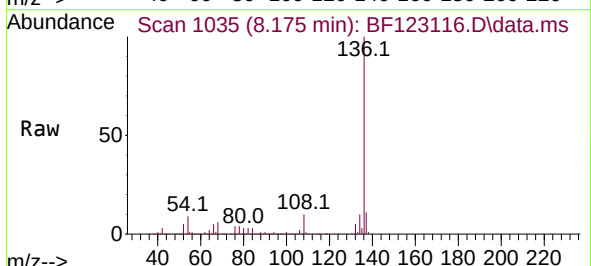
Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.8	20.6
71	34.4	26.9	40.3

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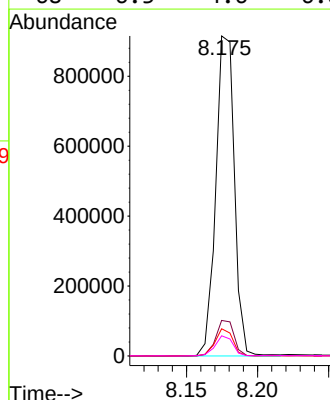
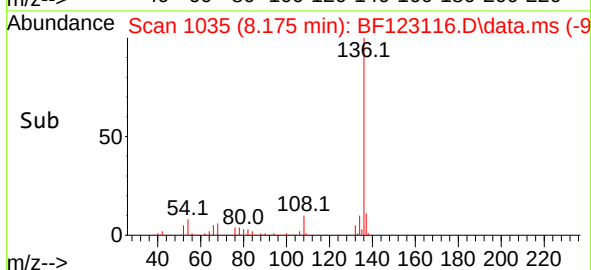


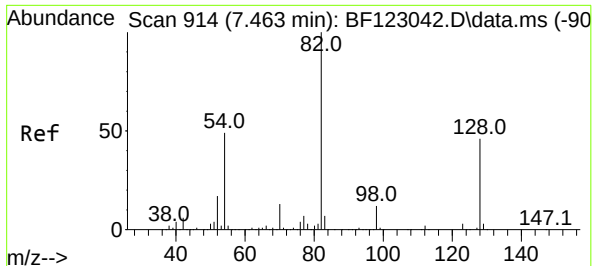
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123116.D
Acq: 4 Feb 2021 15:43



Tgt Ion: 136 Resp: 835518

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.5	5.5	8.3#
68	6.3	4.6	6.8





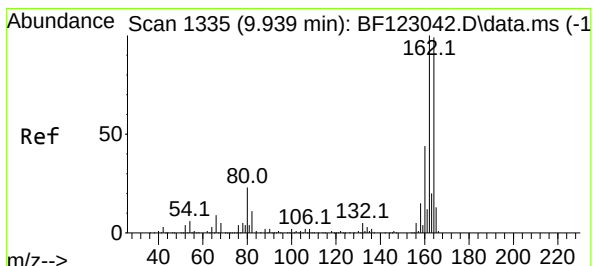
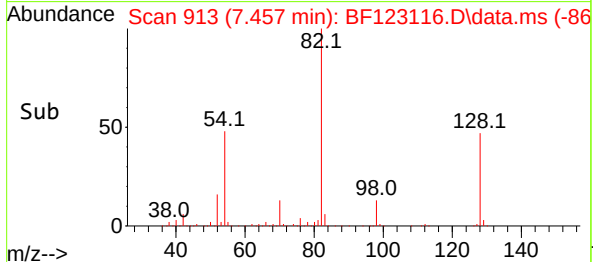
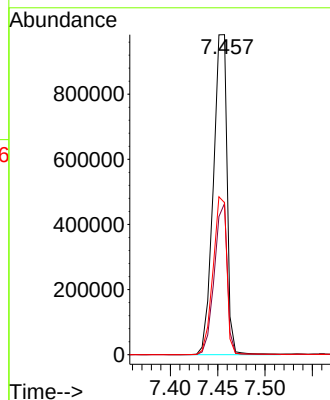
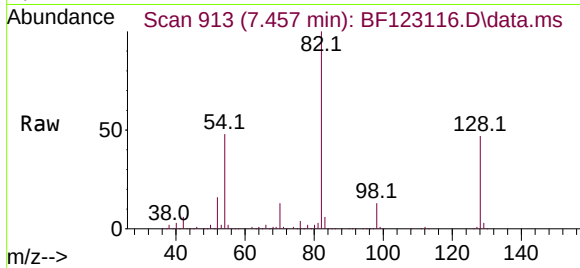
#23
Nitrobenzene-d5
Concen: 60.05 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123116.D
Acq: 4 Feb 2021 15:43

Tgt Ion: 82 Resp: 996978
Ion Ratio Lower Upper
82 100
128 47.2 37.0 55.4
54 47.5 38.4 57.6

Instrument :
BNA_F
ClientSampleId :
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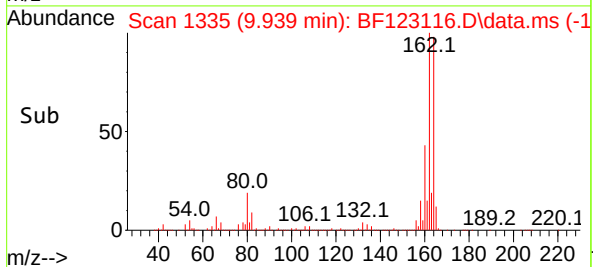
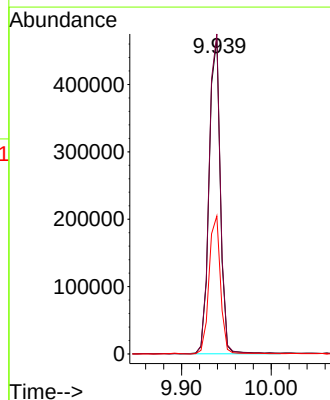
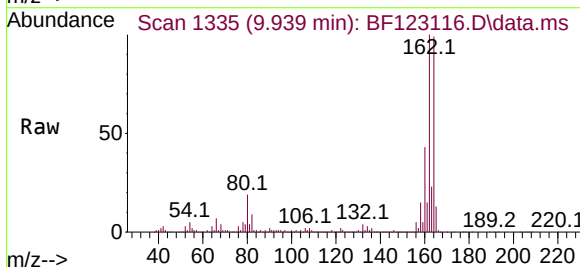
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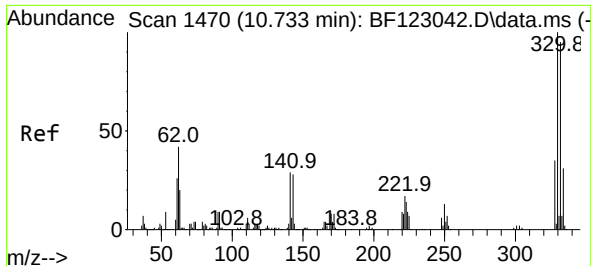
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF123116.D
Acq: 4 Feb 2021 15:43

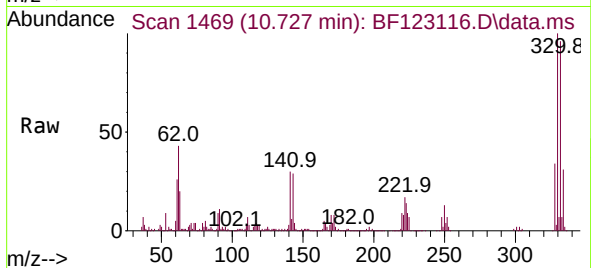
Tgt Ion: 164 Resp: 406660
Ion Ratio Lower Upper
164 100
162 101.3 80.8 121.2
160 43.7 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 84.26 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.006 min
Lab File: BF123116.D
Acq: 4 Feb 2021 15:43

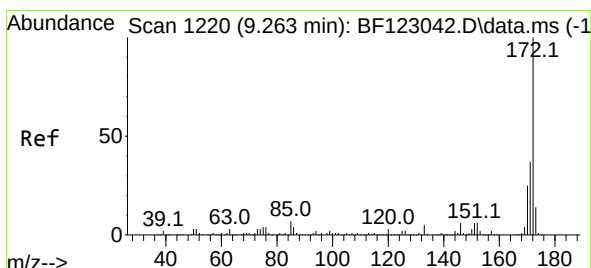
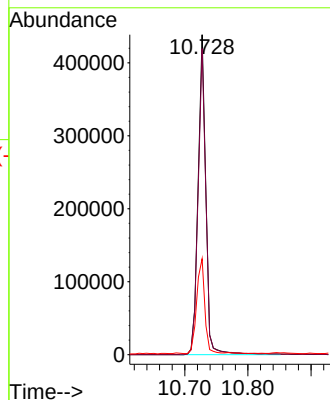
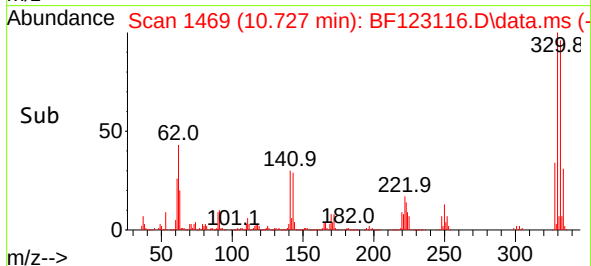
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ClientSampleId :
OU421-006-0002



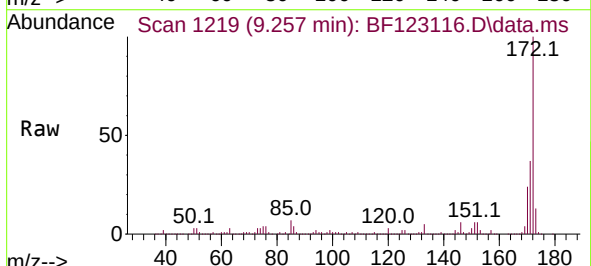
Tgt Ion:330 Resp: 371957
Ion Ratio Lower Upper
330 100
332 97.0 77.5 116.3
141 31.1 23.8 35.8

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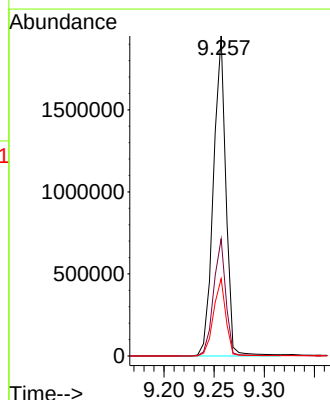
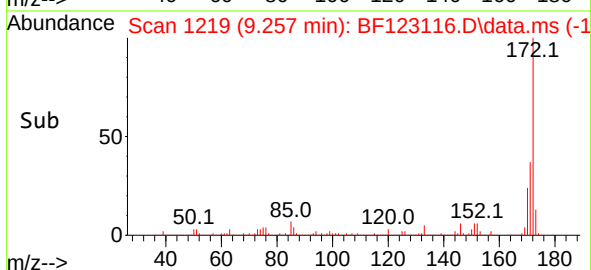
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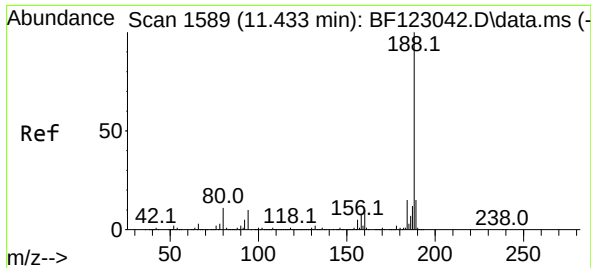


#45
2-Fluorobiphenyl
Concen: 62.01 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123116.D
Acq: 4 Feb 2021 15:43



Tgt Ion:172 Resp: 1696333
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.1 19.5 29.3





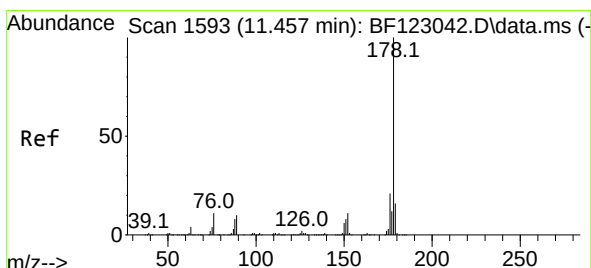
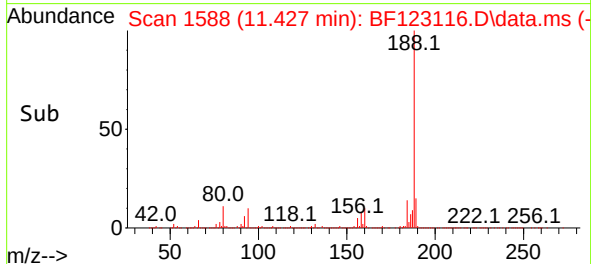
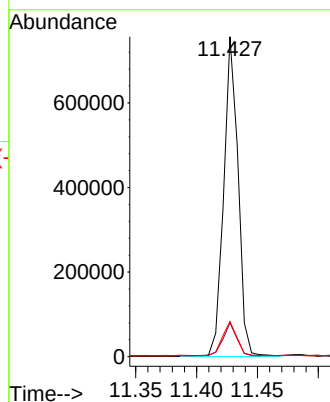
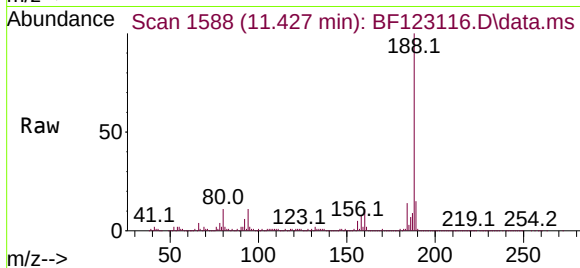
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF123116.D
Acq: 4 Feb 2021 15:43

Instrument :
BNA_F
ClientSampleId :
OU421-006-0002

Tgt Ion:188 Resp: 622713
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 11.0 8.2 12.4

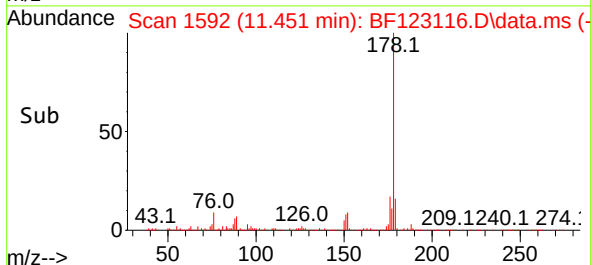
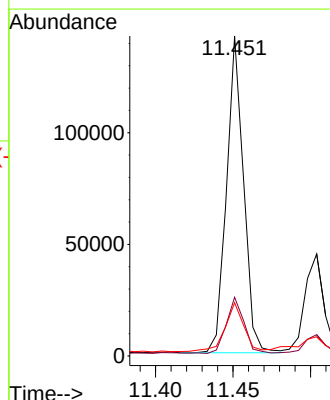
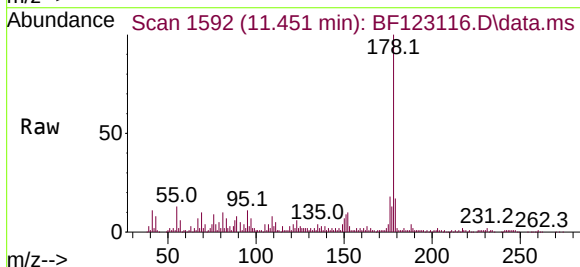
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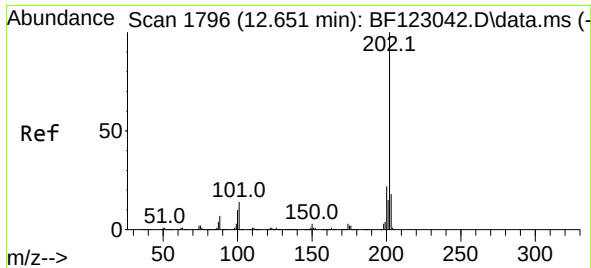
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#71
Phenanthrene
Concen: 2.81 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF123116.D
Acq: 4 Feb 2021 15:43

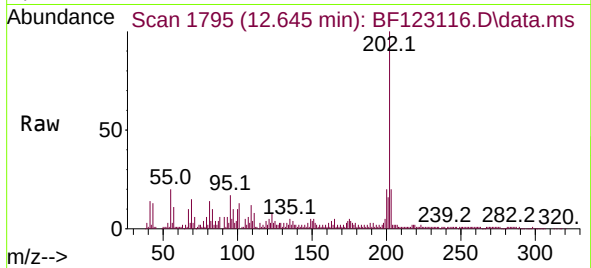
Tgt Ion:178 Resp: 108684
Ion Ratio Lower Upper
178 100
176 18.3 16.2 24.2
179 16.7 12.7 19.1





#75
Fluoranthene
Concen: 4.36 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF123116.D
Acq: 4 Feb 2021 15:43

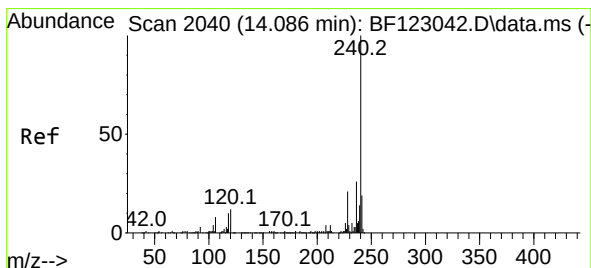
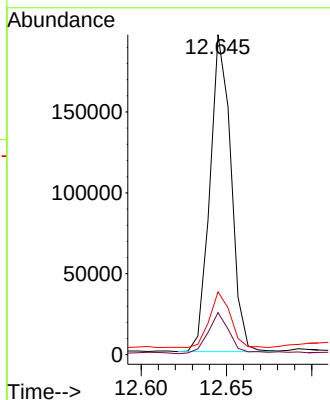
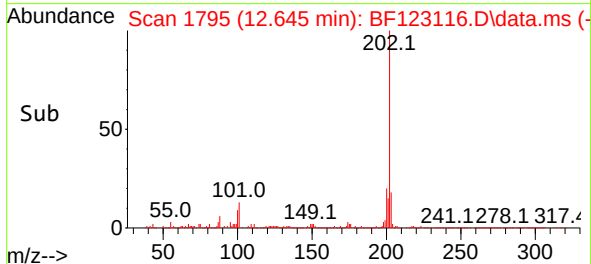
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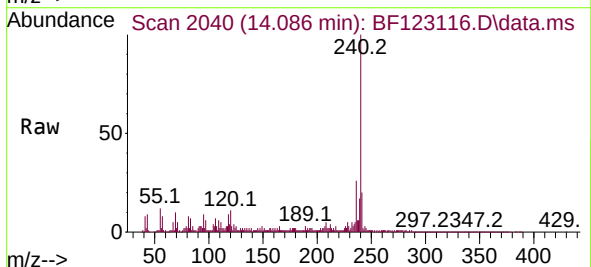
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Ion Ratio Lower Upper
202 100
101 13.2 0.0 32.2
203 19.6 0.0 38.1

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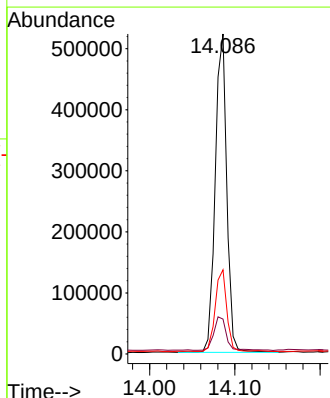
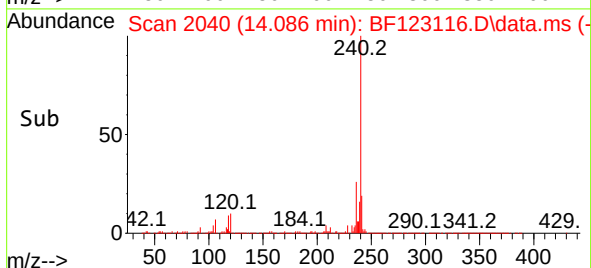
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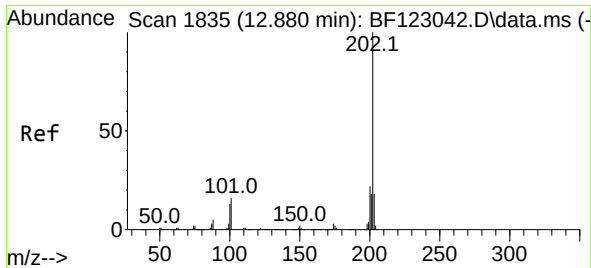


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.086 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BF123116.D
Acq: 4 Feb 2021 15:43



Tgt Ion:240 Resp: 491328
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 26.3 20.3 30.5





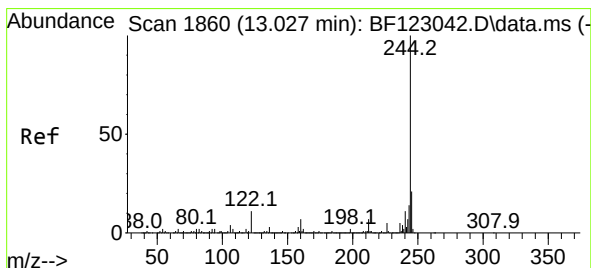
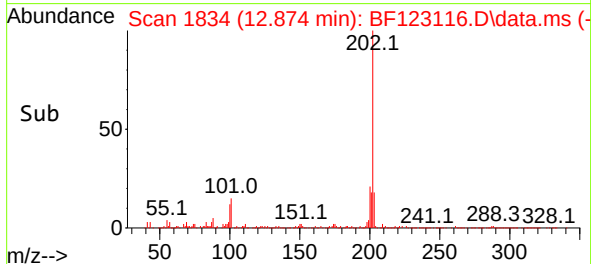
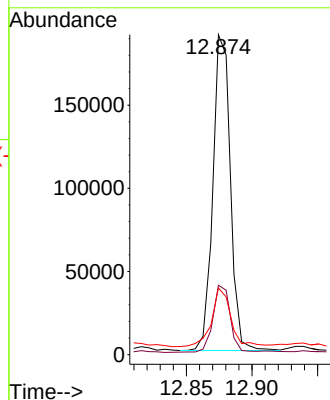
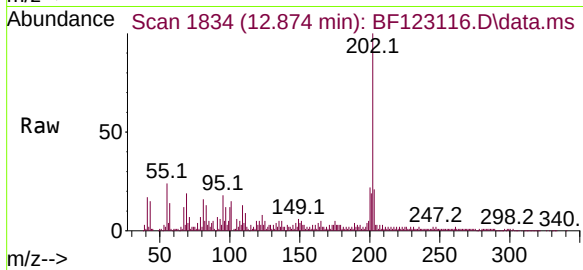
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Pyrene
Concen: 4.74 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF123116.D
Acq: 4 Feb 2021 15:43

Instrument :
BNA_F
ClientSampleId :
OU421-006-0002

Tgt Ion:202 Resp: 175920
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 20.8 14.6 21.8

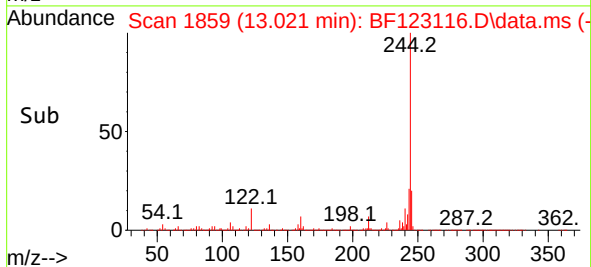
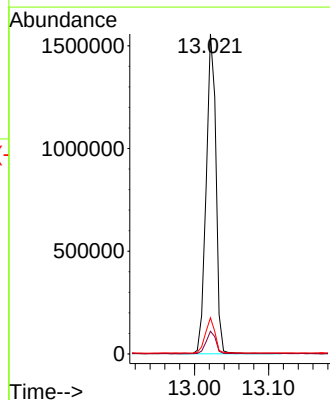
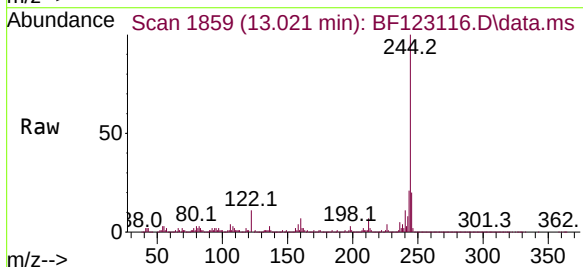
Manual Integrations
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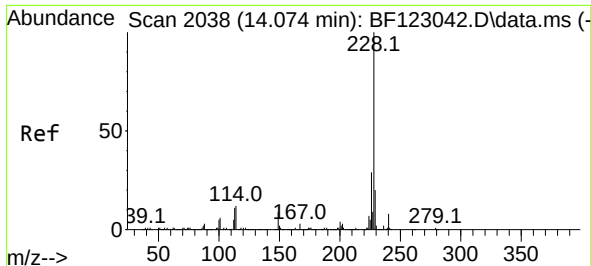
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#79
Terphenyl-d14
Concen: 57.29 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF123116.D
Acq: 4 Feb 2021 15:43

Tgt Ion:244 Resp: 1432607
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 11.3 8.3 12.5





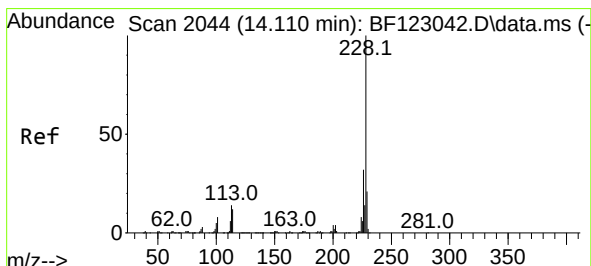
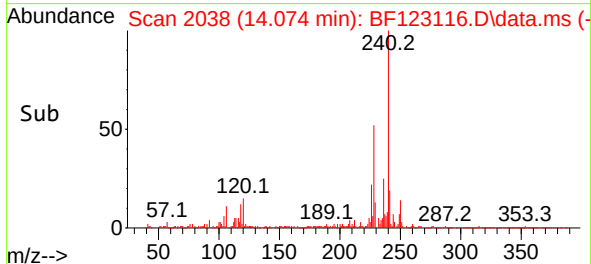
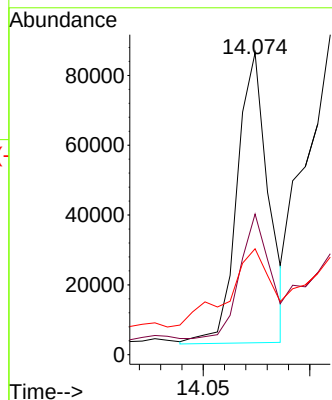
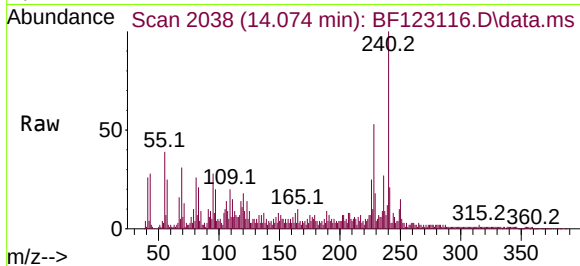
#81
Benzo(a)anthracene
Concen: 2.56 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BF123116.D
Acq: 4 Feb 2021 15:43

Tgt Ion:228 Resp: 85139
Ion Ratio Lower Upper
228 100
226 46.6 23.0 34.4#
229 35.1 16.6 24.8#

Instrument :
BNA_F
ClientSampleId :
OU421-006-0002

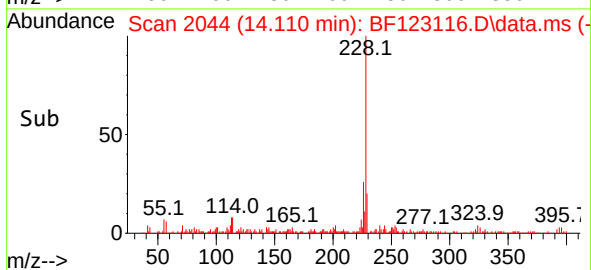
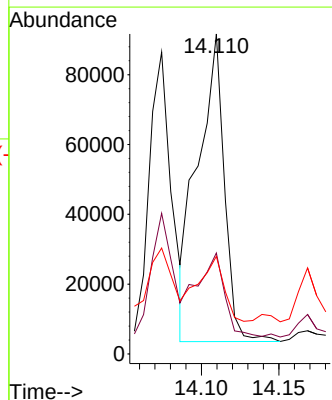
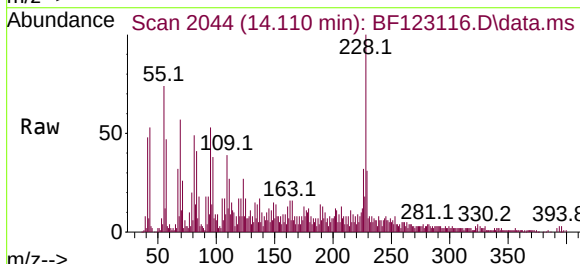
Manual Integrations
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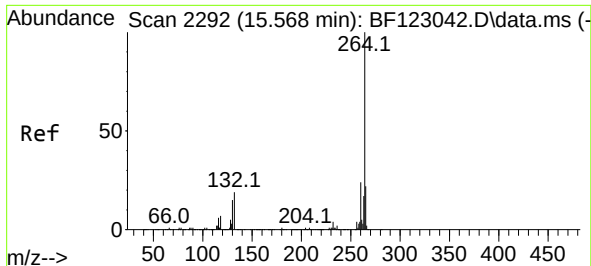
mohammad
2/8/2021 12:16:12 PM



#83
Chrysene
Concen: 3.18 ng
RT: 14.110 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BF123116.D
Acq: 4 Feb 2021 15:43

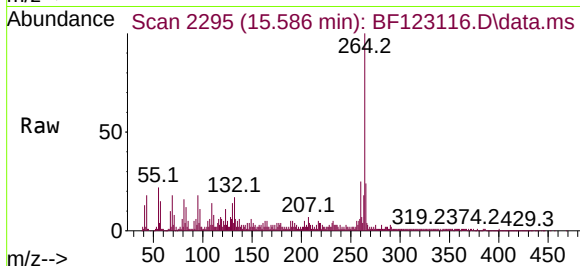
Tgt Ion:228 Resp: 105798
Ion Ratio Lower Upper
228 100
226 31.5 24.6 36.8
229 30.5 15.8 23.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.586 min Scan# 2295
Delta R.T. 0.018 min
Lab File: BF123116.D
Acq: 4 Feb 2021 15:43

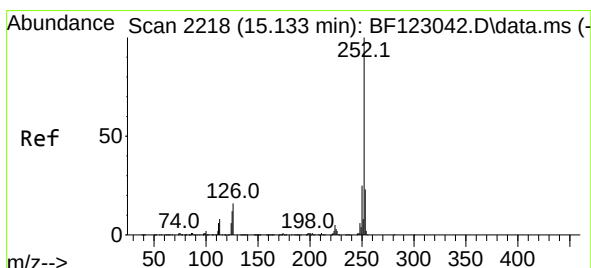
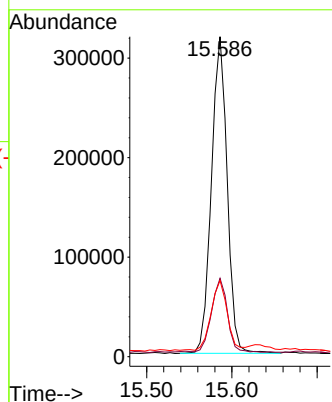
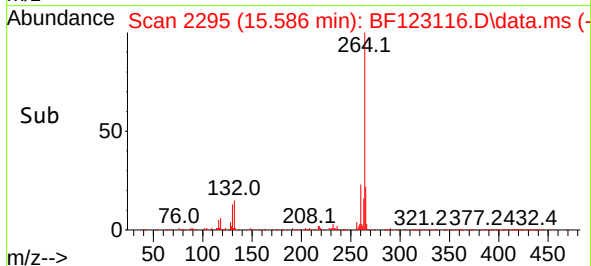
Instrument :
BNA_F
ClientSampleId :
OU421-006-0002



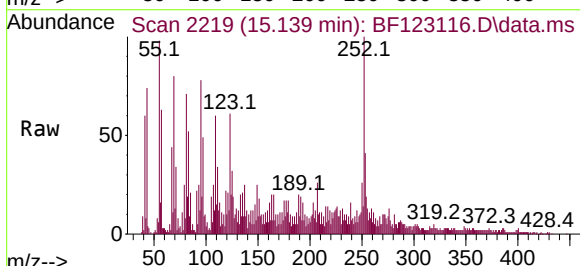
Tgt Ion:264 Resp: 408693
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 23.8 17.0 25.6

Manual Integrations
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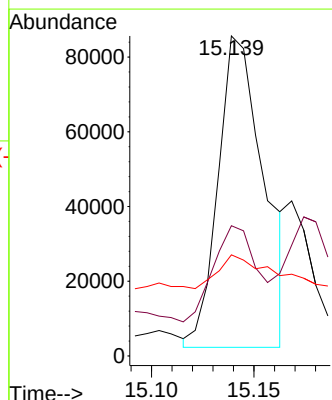
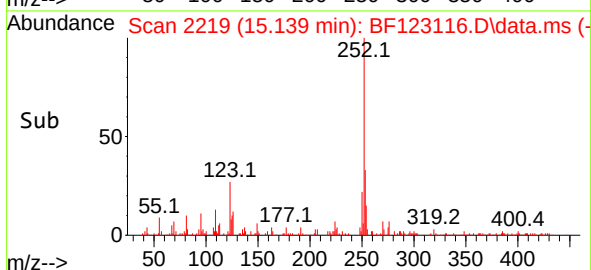
mohammad
2/8/2021 12:16:12 PM

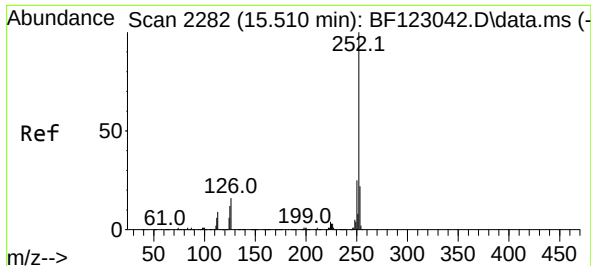


#88
Benzo(b)fluoranthene
Concen: 4.37 ng m
RT: 15.139 min Scan# 2219
Delta R.T. 0.006 min
Lab File: BF123116.D
Acq: 4 Feb 2021 15:43



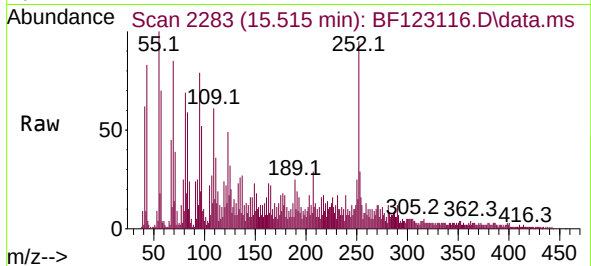
Tgt Ion:252 Resp: 129050
Ion Ratio Lower Upper
252 100
253 40.7 18.3 27.5#
125 31.6 8.1 12.1#





#90
Benzo(a)pyrene
Concen: 3.36 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF123116.D
Acq: 4 Feb 2021 15:43

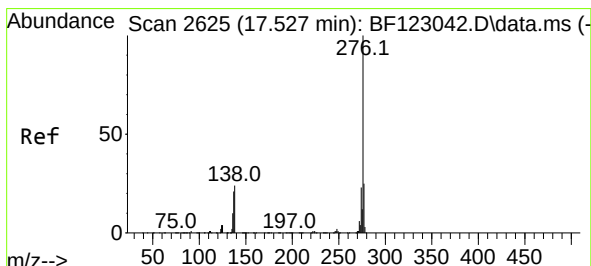
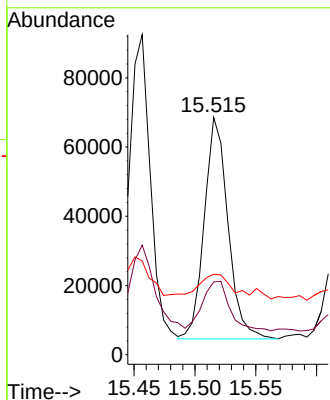
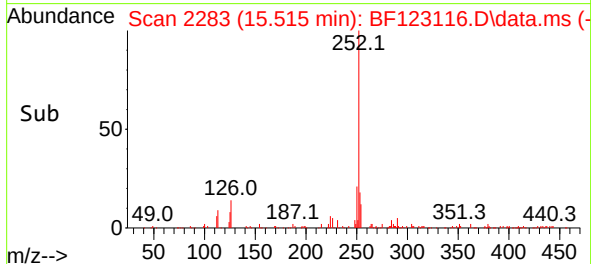
Instrument :
BNA_F
ClientSampleId :
OU421-006-0002



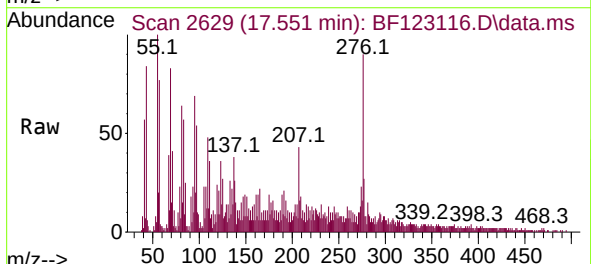
Tgt Ion:252 Resp: 86924
Ion Ratio Lower Upper
252 100
253 30.7 17.5 26.3#
125 33.9 8.6 12.8#

Manual Integrations
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mohammad
2/8/2021 12:16:12 PM



#92
Benzo(g,h,i)perylene
Concen: 3.28 ng
RT: 17.551 min Scan# 2629
Delta R.T. 0.024 min
Lab File: BF123116.D
Acq: 4 Feb 2021 15:43



Tgt Ion:276 Resp: 71112
Ion Ratio Lower Upper
276 100
277 30.4 19.3 28.9#
138 28.7 16.6 24.8#

