

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051721\
 Data File : BF123962.D
 Acq On : 17 May 2021 14:31
 Operator : JU/CG
 Sample : M2383-02DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-02(7.5-9.5)DL

Manual Integrations
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mohammad
 5/19/2021 11:36:57 AM

Quant Time: May 17 14:57:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	38880	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	158724	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	93917	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	173531	20.00	ng	0.00
76) Chrysene-d12	14.068	240	144947	20.00	ng	# 0.00
86) Perylene-d12	15.562	264	129830	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	45719	16.51	ng	0.00
7) Phenol-d6	6.516	99	55874	15.55	ng	0.00
23) Nitrobenzene-d5	7.457	82	41222	11.19	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	18881	16.74	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	74626	9.78	ng	0.00
79) Terphenyl-d14	13.010	244	90612	9.47	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.210	128	535371	56.99	ng	99
37) 2-Methylnaphthalene	8.898	142	57267	8.99	ng	99
38) 1-Methylnaphthalene	8.998	142	21222	3.57	ng	96
55) Dibenzofuran	10.145	168	44944	4.71	ng	96
58) Fluorene	10.486	166	63171	8.78	ng	94
71) Phenanthrene	11.451	178	171649	15.61	ng	98
72) Anthracene	11.504	178	38973m	3.50	ng	
75) Fluoranthene	12.657	202	93480	8.21	ng	95
78) Pyrene	12.874	202	80501	6.26	ng	97
81) Benzo(a)anthracene	14.057	228	32922	3.14	ng	94
83) Chrysene	14.092	228	27821m	2.76	ng	
88) Benzo(b)fluoranthene	15.121	252	37576	3.74	ng	# 91
90) Benzo(a)pyrene	15.492	252	26881	3.10	ng	95
92) Benzo(g,h,i)perylene	17.503	276	28142	3.32	ng	96

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

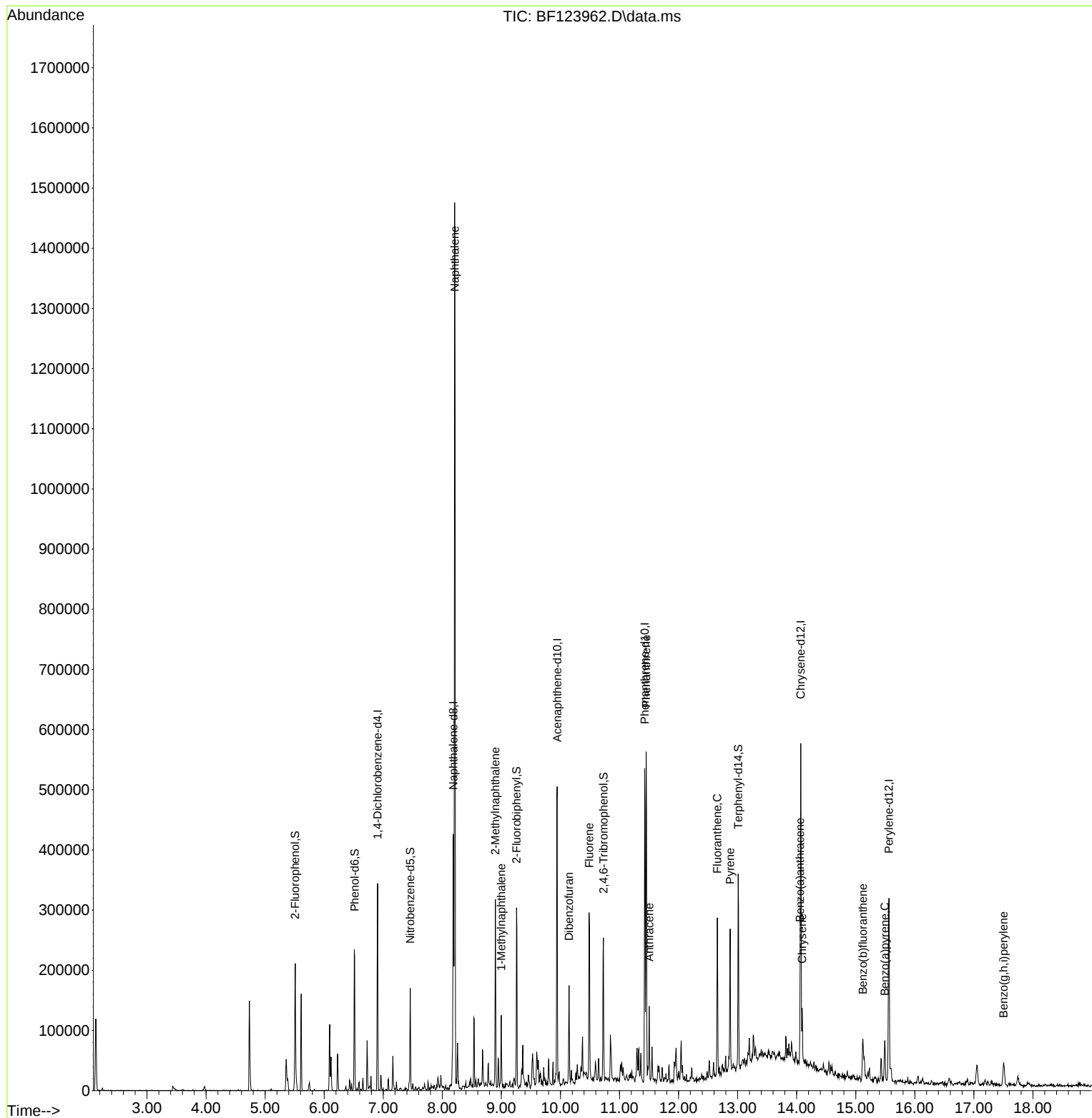
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051721\
Data File : BF123962.D
Acq On : 17 May 2021 14:31
Operator : JU/CG
Sample : M2383-02DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

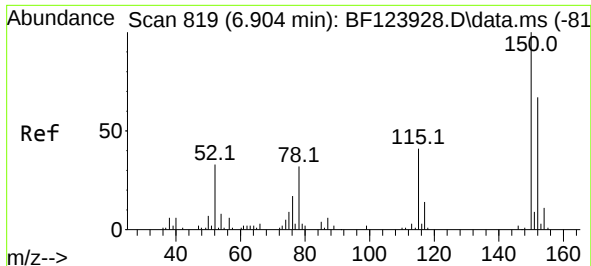
Instrument :
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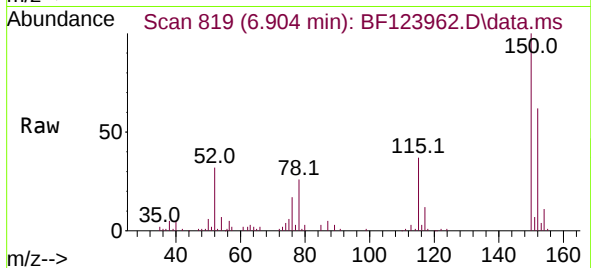
Quant Time: May 17 14:57:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123962.D
Acq: 17 May 2021 14:31

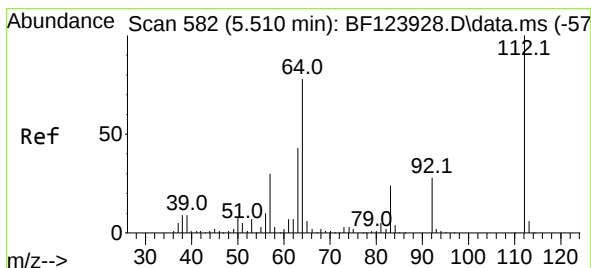
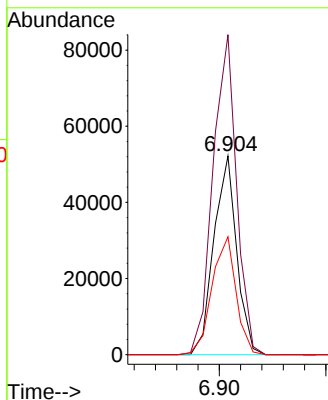
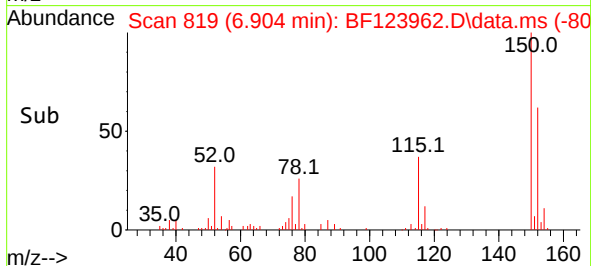
Instrument :
BNA_F
ClientSampleId :
KSB-02(7.5-9.5)DL



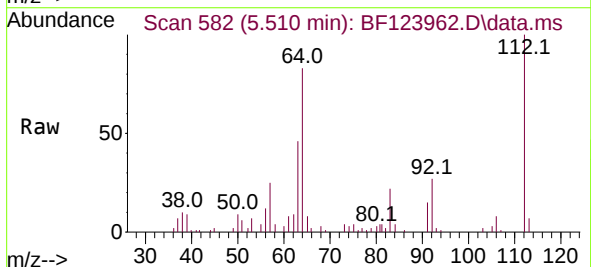
Tgt Ion:152 Resp: 38880
Ion Ratio Lower Upper
152 100
150 161.0 127.0 190.6
115 59.4 54.3 81.5

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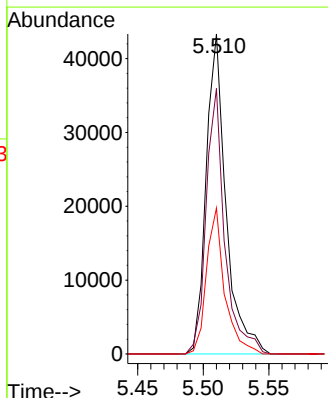
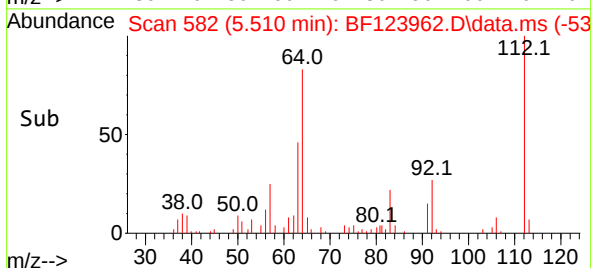
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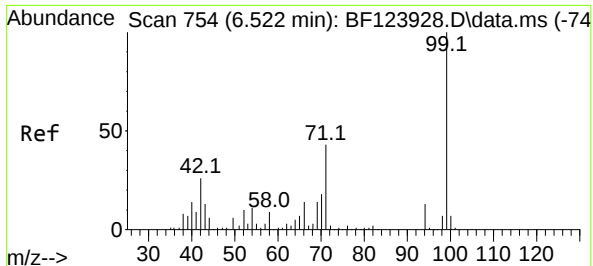


#5
2-Fluorophenol
Concen: 16.51 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF123962.D
Acq: 17 May 2021 14:31



Tgt Ion:112 Resp: 45719
Ion Ratio Lower Upper
112 100
64 83.0 61.4 92.0
63 45.6 33.0 49.4





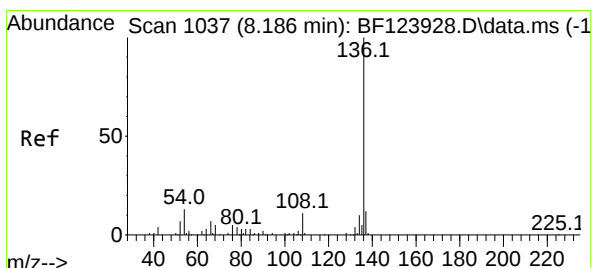
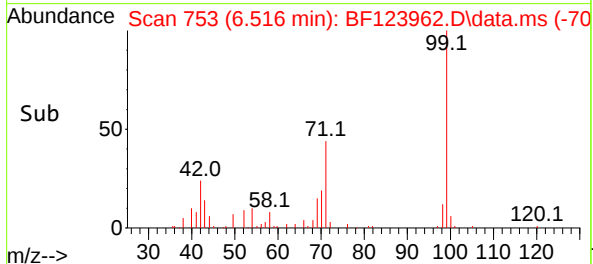
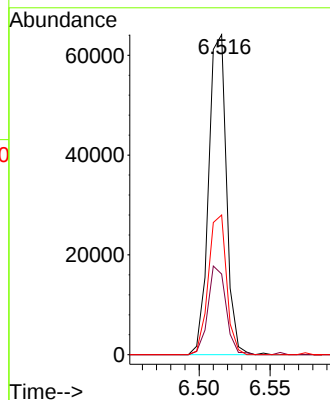
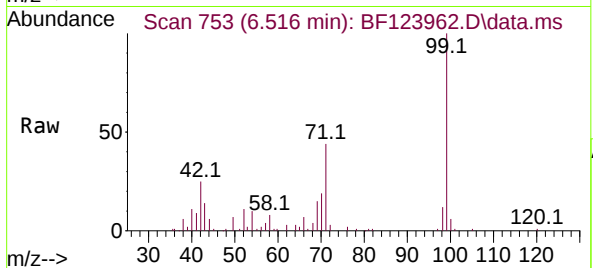
#7
Phenol-d6
Concen: 15.55 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF123962.D
Acq: 17 May 2021 14:31

Tgt Ion:	99	Resp:	55874
Ion	Ratio	Lower	Upper
99	100		
42	25.2	19.8	29.8
71	43.7	31.1	46.7

Instrument :
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ClientSampleId :
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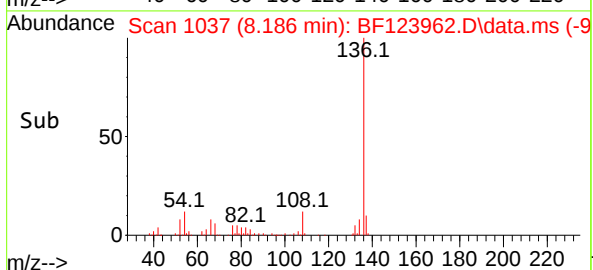
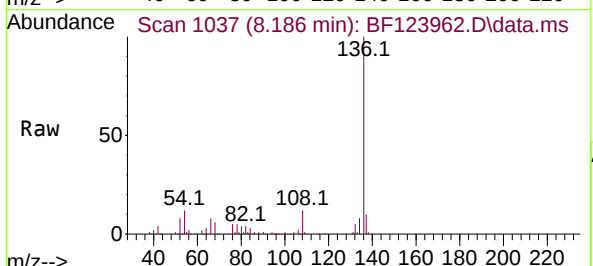
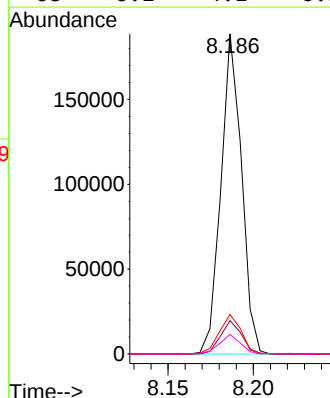
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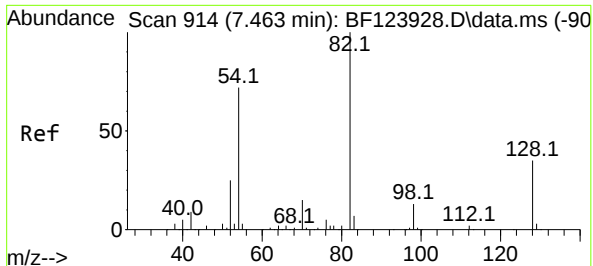
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123962.D
Acq: 17 May 2021 14:31

Tgt Ion:	136	Resp:	158724
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	12.4	9.8	14.6
68	6.1	4.1	6.1





#23

Nitrobenzene-d5

Concen: 11.19 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF123962.D

Acq: 17 May 2021 14:31

Tgt Ion:	82	Resp:	41222
Ion	Ratio	Lower	Upper
82	100		
128	32.0	29.4	44.2
54	69.7	54.1	81.1

Instrument :

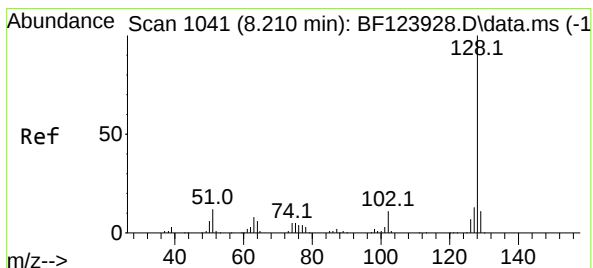
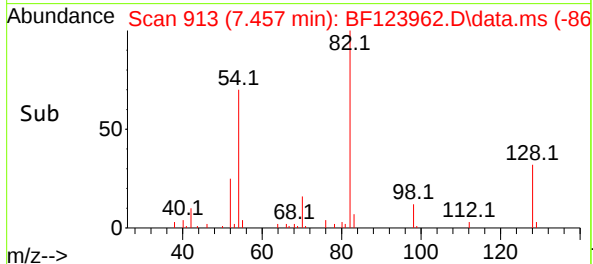
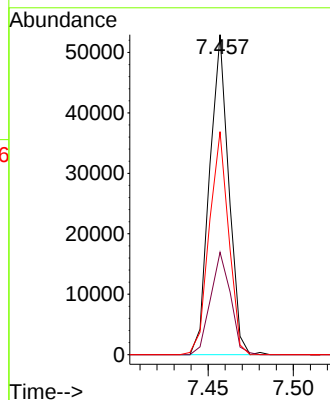
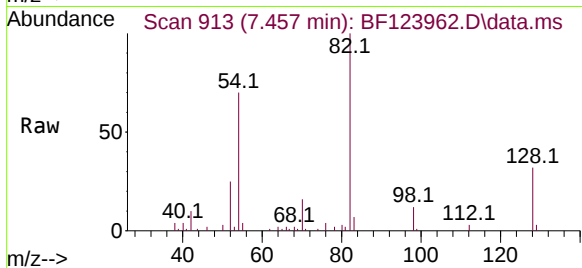
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ClientSampleId :

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#31

Naphthalene

Concen: 56.99 ng

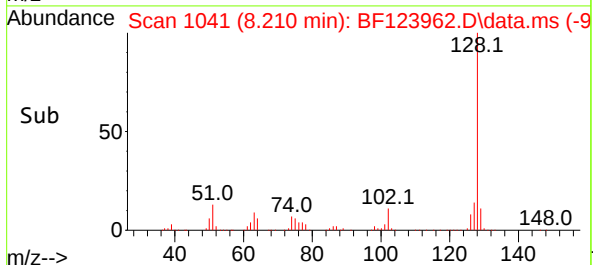
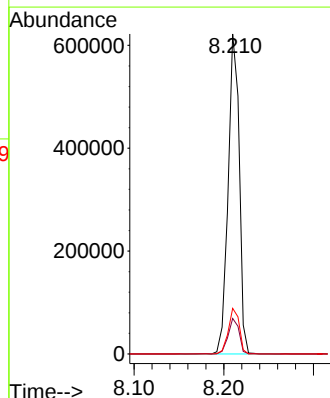
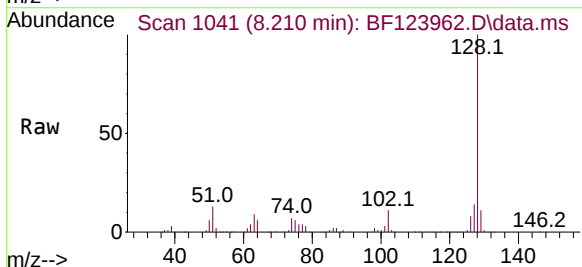
RT: 8.210 min Scan# 1041

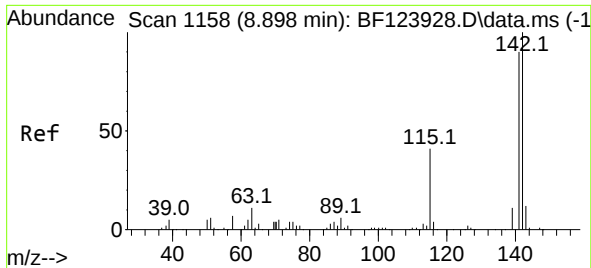
Delta R.T. -0.000 min

Lab File: BF123962.D

Acq: 17 May 2021 14:31

Tgt Ion:	128	Resp:	535371
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	14.3	10.8	16.2





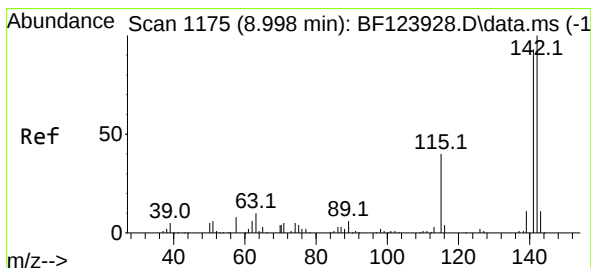
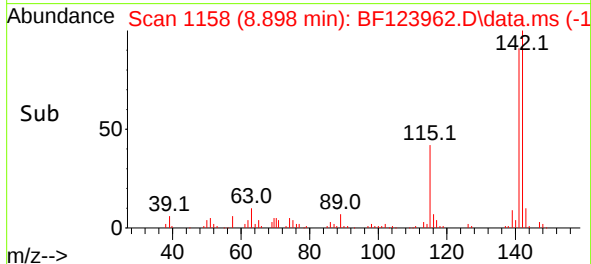
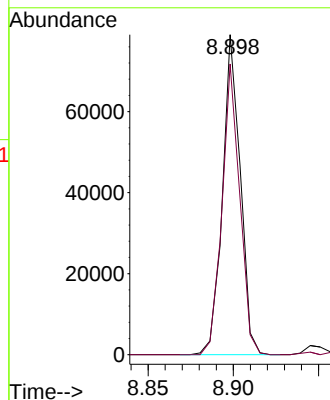
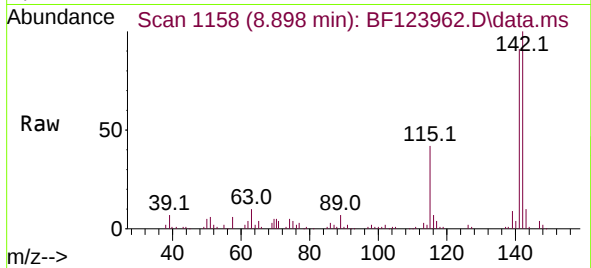
#37
2-Methylnaphthalene
Concen: 8.99 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF123962.D
Acq: 17 May 2021 14:31

Tgt Ion:142 Resp: 57267
Ion Ratio Lower Upper
142 100
141 90.8 71.8 107.6

Instrument :
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ClientSampleId :
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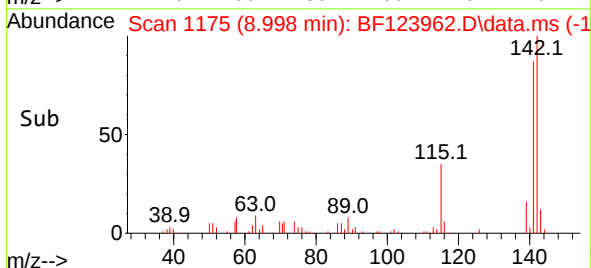
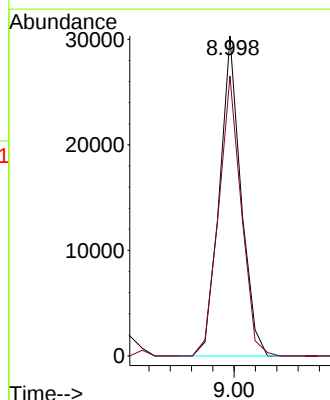
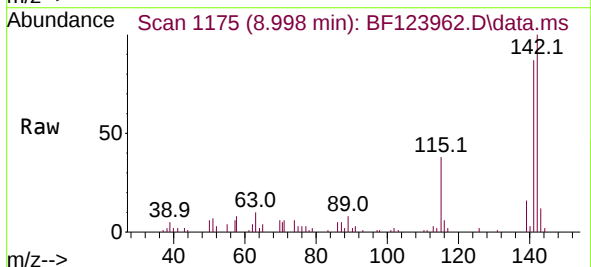
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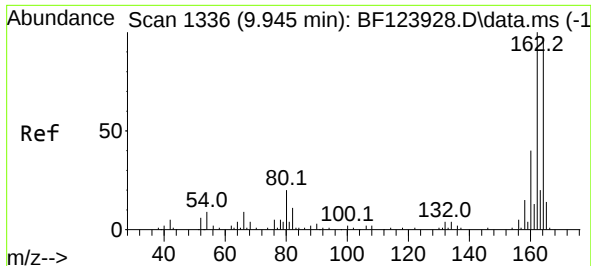
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#38
1-Methylnaphthalene
Concen: 3.57 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF123962.D
Acq: 17 May 2021 14:31

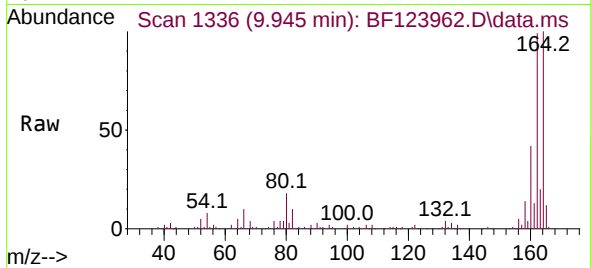
Tgt Ion:142 Resp: 21222
Ion Ratio Lower Upper
142 100
141 87.5 72.8 109.2





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123962.D
Acq: 17 May 2021 14:31

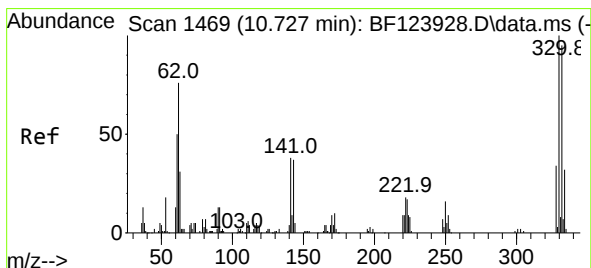
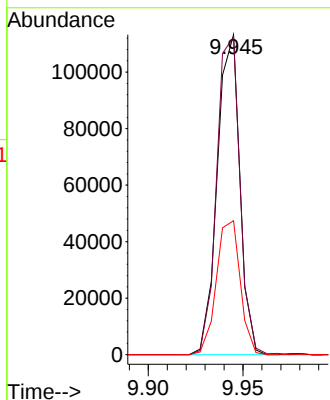
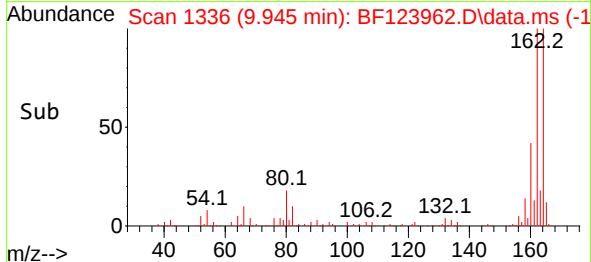
Instrument :
BNA_F
ClientSampleId :
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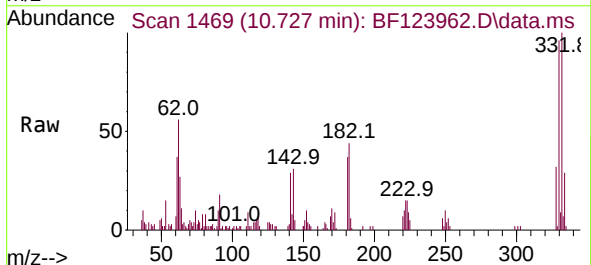
Tgt Ion:164 Resp: 93917
Ion Ratio Lower Upper
164 100
162 99.3 80.7 121.1
160 41.9 37.3 55.9

Manual Integrations
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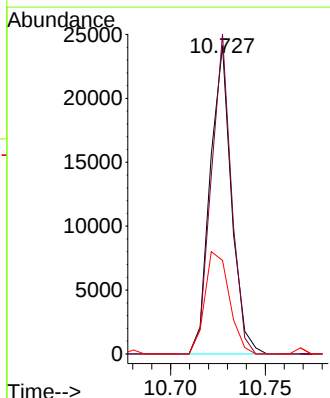
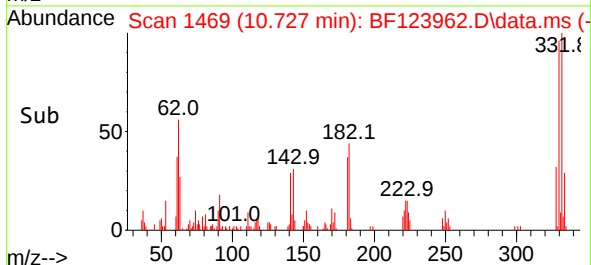
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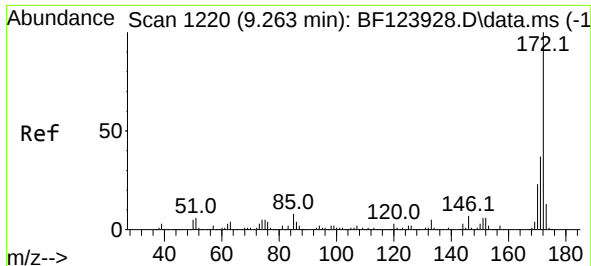


#42
2,4,6-Tribromophenol
Concen: 16.74 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF123962.D
Acq: 17 May 2021 14:31



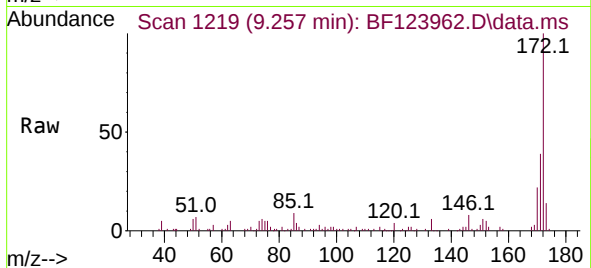
Tgt Ion:330 Resp: 18881
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 38.1 27.9 41.9





#45
2-Fluorobiphenyl
Concen: 9.78 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123962.D
Acq: 17 May 2021 14:31

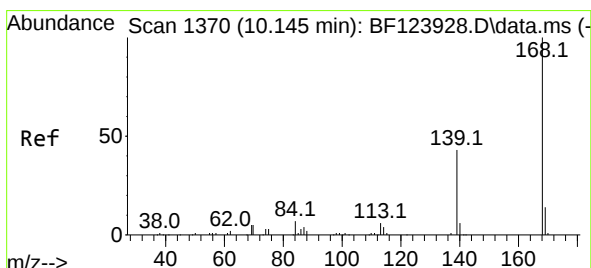
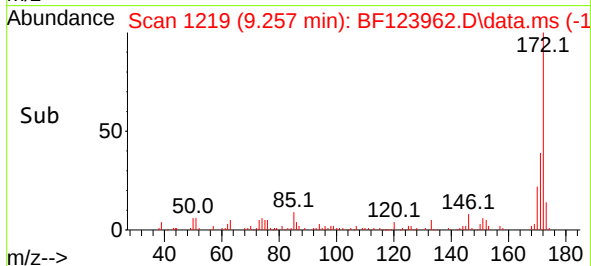
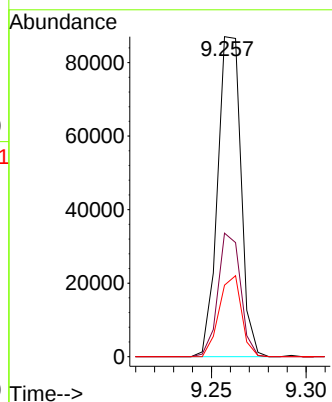
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Tgt Ion:172 Resp: 74626
Ion Ratio Lower Upper
172 100
171 38.6 28.1 42.1
170 22.3 19.2 28.8

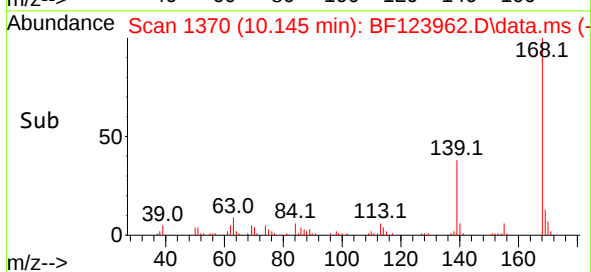
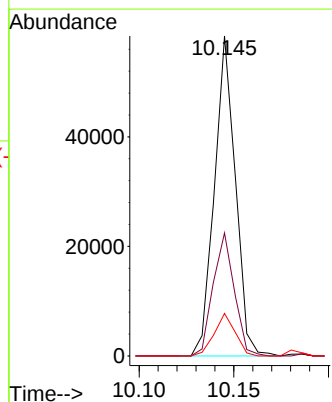
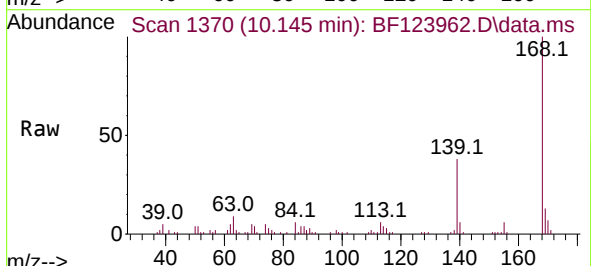
Manual Integrations
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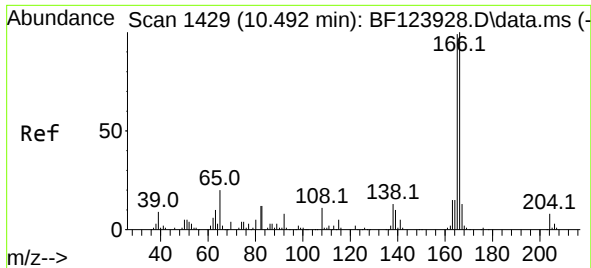
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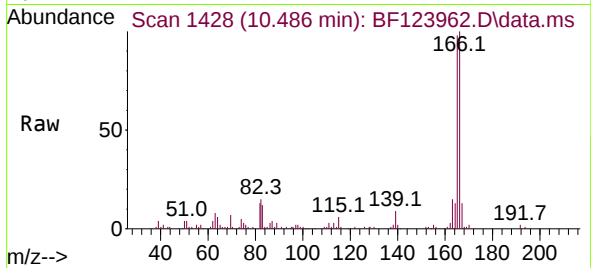
#55
Dibenzofuran
Concen: 4.71 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BF123962.D
Acq: 17 May 2021 14:31

Tgt Ion:168 Resp: 44944
Ion Ratio Lower Upper
168 100
139 38.4 33.2 49.8
169 13.3 10.8 16.2

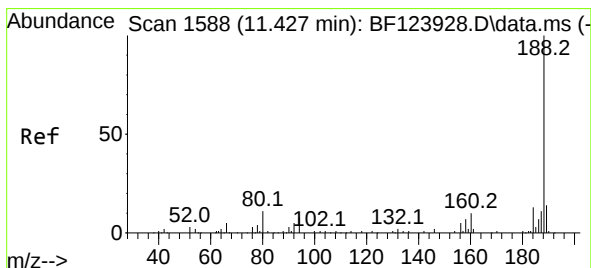
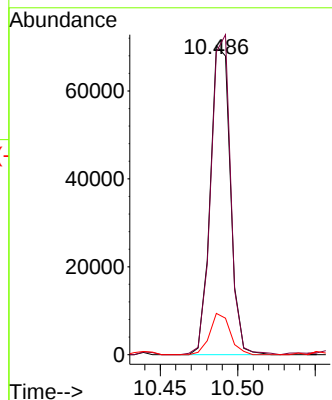
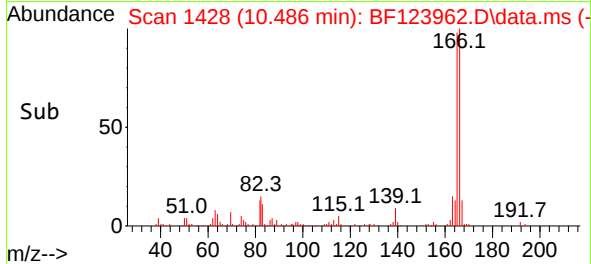




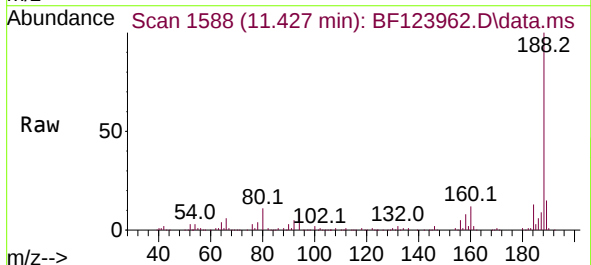
#58
Fluorene
Concen: 8.78 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF123962.D
Acq: 17 May 2021 14:31



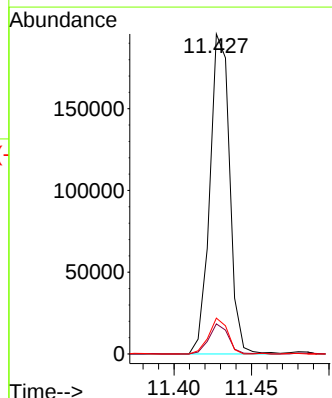
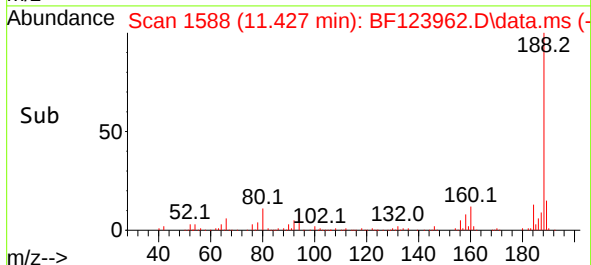
Tgt Ion:166 Resp: 63171
Ion Ratio Lower Upper
166 100
165 98.0 73.5 110.3
167 13.4 10.7 16.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123962.D
Acq: 17 May 2021 14:31



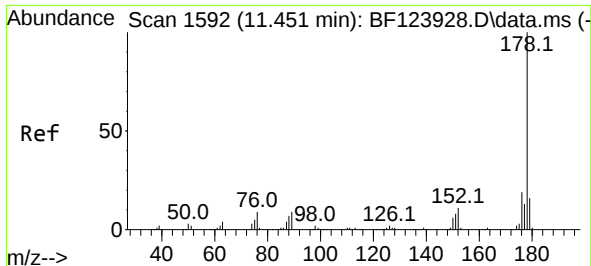
Tgt Ion:188 Resp: 173531
Ion Ratio Lower Upper
188 100
94 9.4 6.9 10.3
80 11.2 8.2 12.2



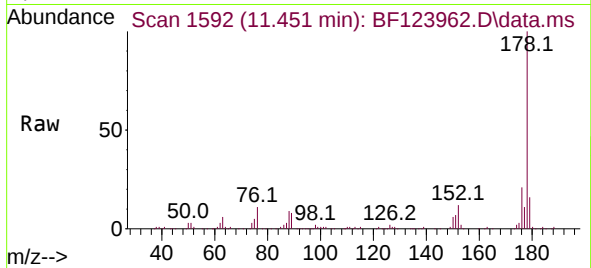
Instrument :
BNA_F
ClientSampleId :
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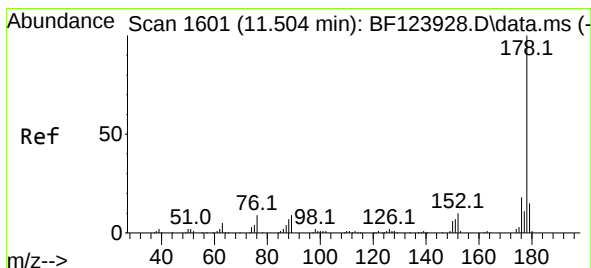
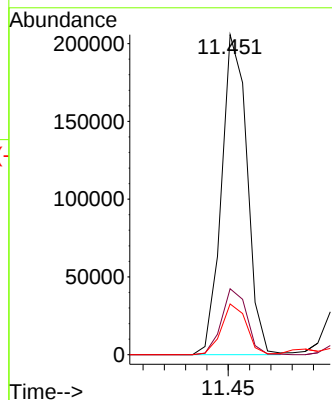
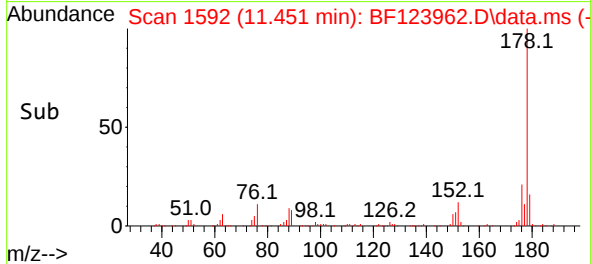
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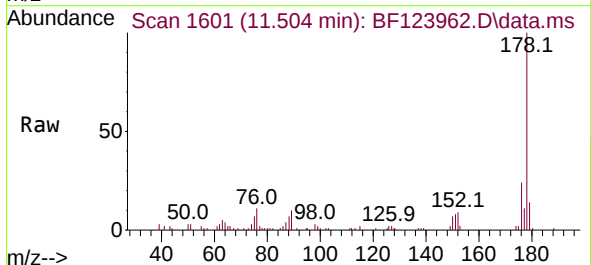
#71
Phenanthrene
Concen: 15.61 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123962.D
Acq: 17 May 2021 14:31



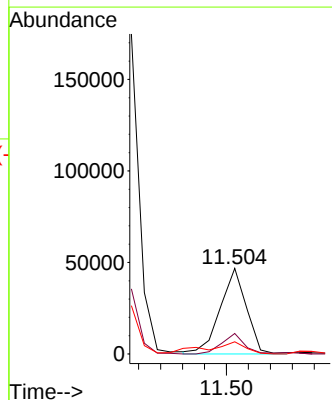
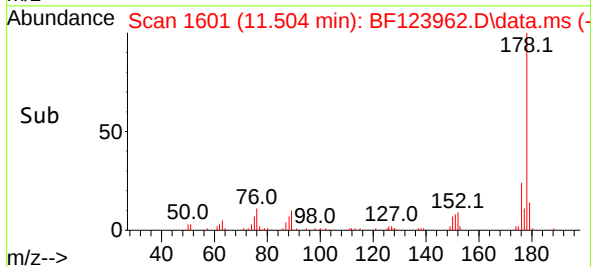
Tgt Ion:178 Resp: 171649
Ion Ratio Lower Upper
178 100
176 20.6 15.6 23.4
179 15.9 12.5 18.7



#72
Anthracene
Concen: 3.50 ng m
RT: 11.504 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BF123962.D
Acq: 17 May 2021 14:31



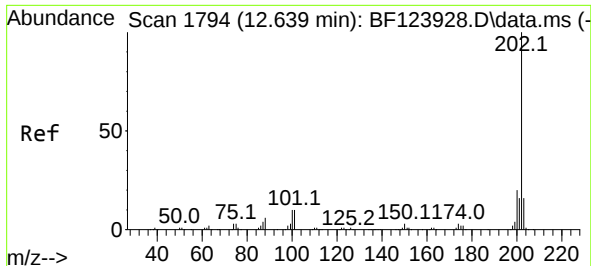
Tgt Ion:178 Resp: 38973
Ion Ratio Lower Upper
178 100
176 23.9 15.4 23.0#
179 14.3 12.6 18.8



Instrument :
BNA_F
ClientSampleId :
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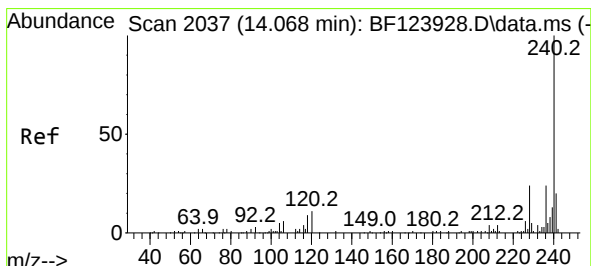
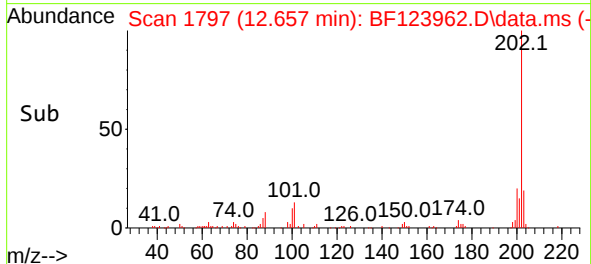
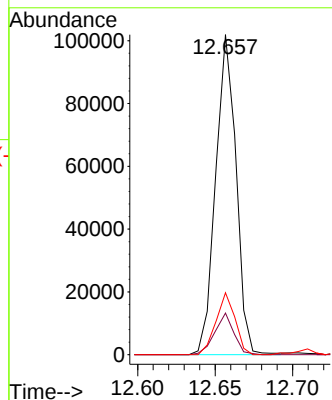
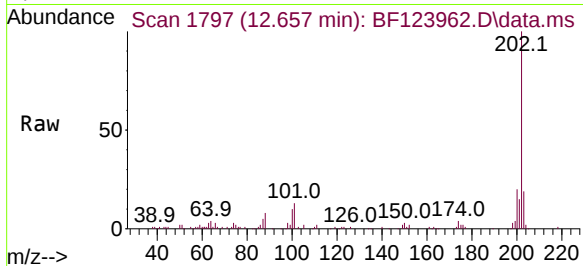
#75
Fluoranthene
Concen: 8.21 ng
RT: 12.657 min Scan# 1797
Delta R.T. 0.018 min
Lab File: BF123962.D
Acq: 17 May 2021 14:31

Tgt Ion:	202	Resp:	93480
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	30.9
203	19.4	0.0	37.5

Instrument :
BNA_F
ClientSampleId :
KSB-02(7.5-9.5)DL

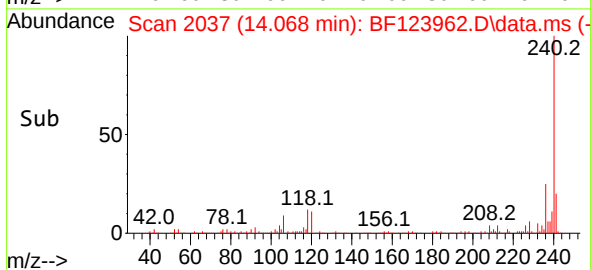
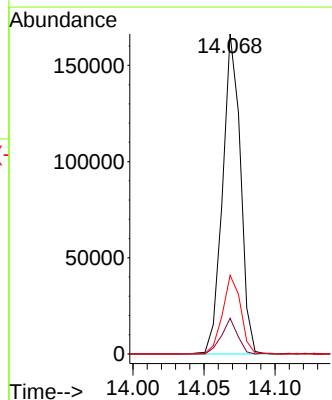
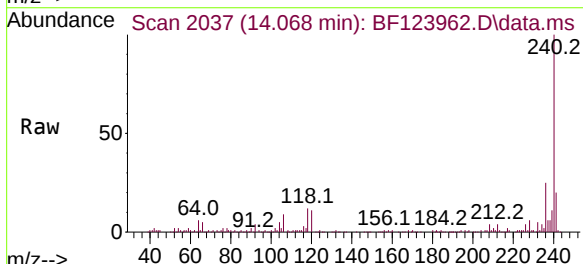
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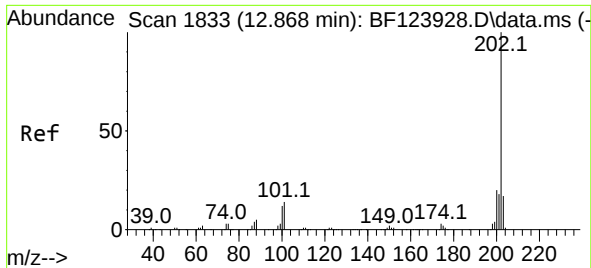
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF123962.D
Acq: 17 May 2021 14:31

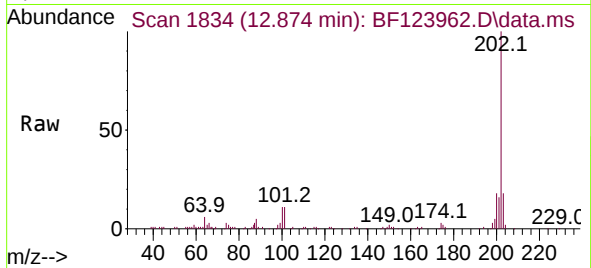
Tgt Ion:	240	Resp:	144947
Ion Ratio	Lower	Upper	
240	100		
120	11.2	7.2	10.8#
236	24.6	19.0	28.4





#78
Pyrene
Concen: 6.26 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.006 min
Lab File: BF123962.D
Acq: 17 May 2021 14:31

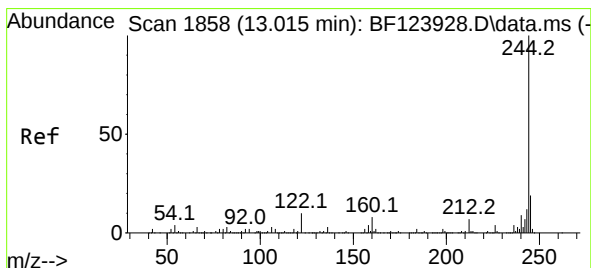
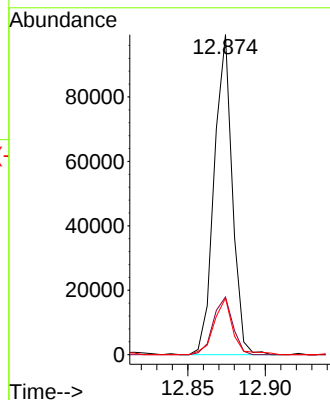
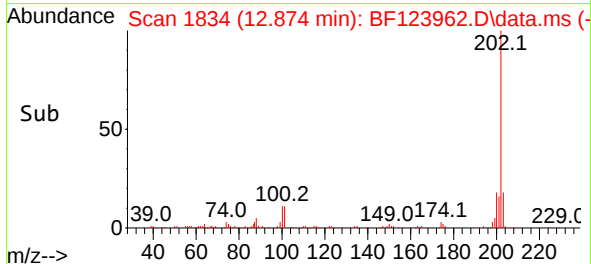
Instrument :
BNA_F
ClientSampleId :
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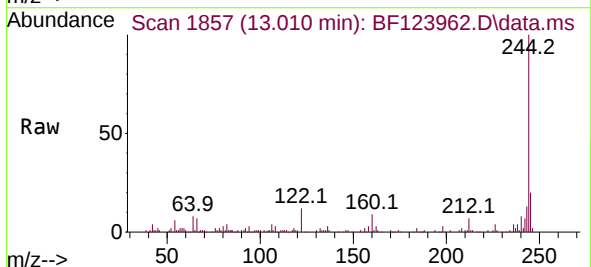
Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.0	16.1	24.1
203	17.6	14.8	22.2

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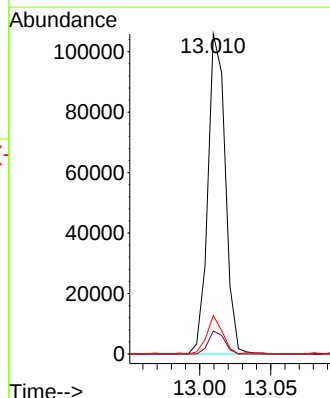
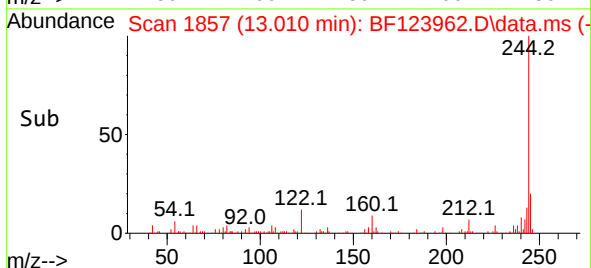
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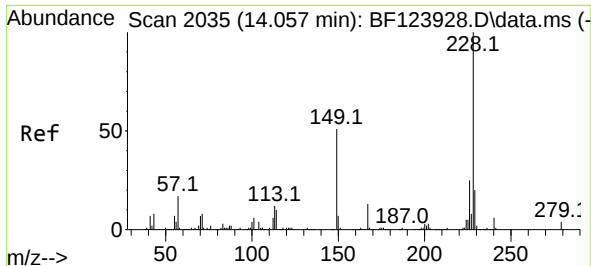


#79
Terphenyl-d14
Concen: 9.47 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF123962.D
Acq: 17 May 2021 14:31



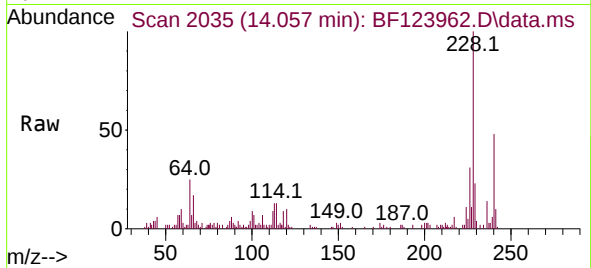
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	12.0	9.7	14.5





#81
Benzo(a)anthracene
Concen: 3.14 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF123962.D
Acq: 17 May 2021 14:31

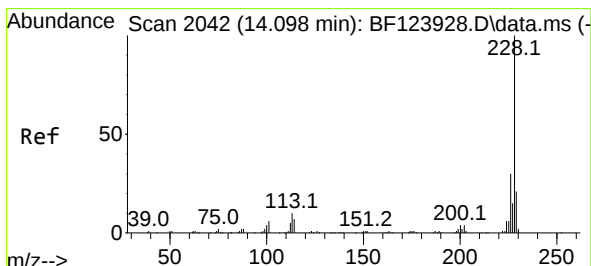
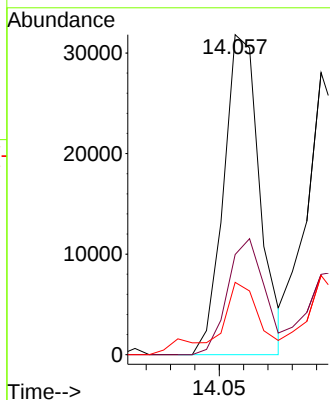
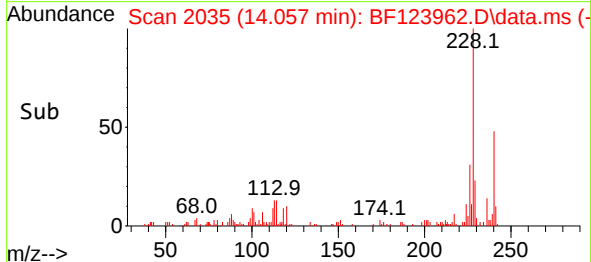
Instrument :
BNA_F
ClientSampleId :
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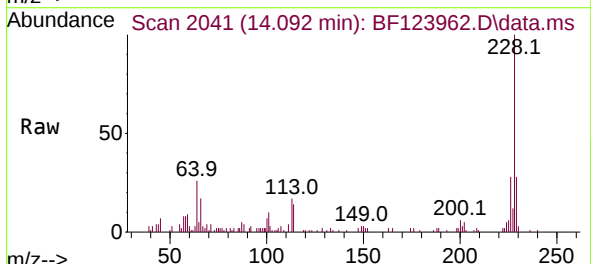
Tgt Ion:228 Resp: 32922
Ion Ratio Lower Upper
228 100
226 31.3 22.4 33.6
229 22.6 16.0 24.0

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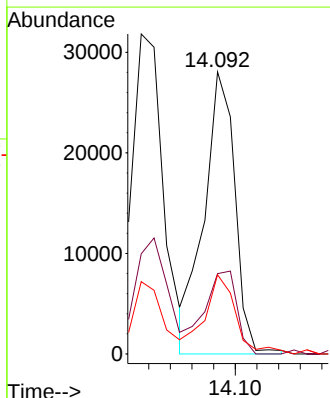
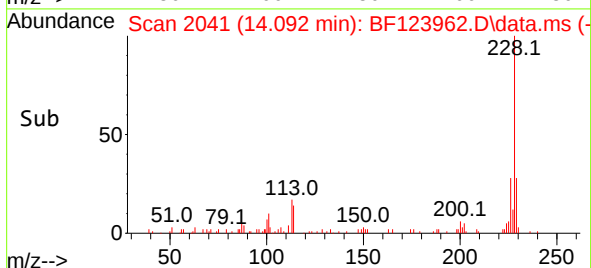
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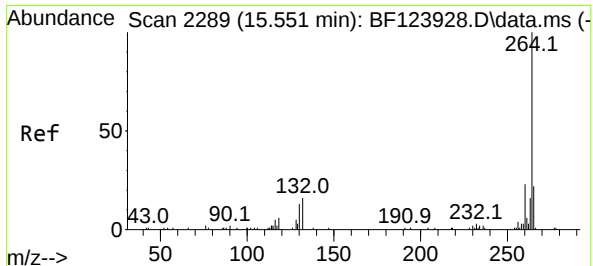


#83
Chrysene
Concen: 2.76 ng m
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF123962.D
Acq: 17 May 2021 14:31

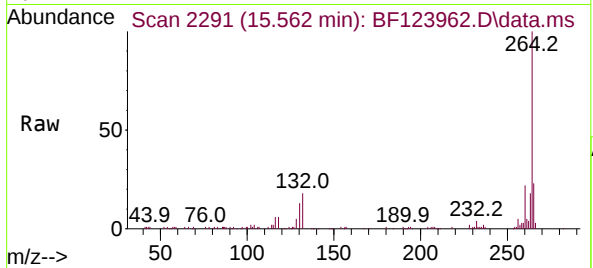


Tgt Ion:228 Resp: 27821
Ion Ratio Lower Upper
228 100
226 28.5 24.3 36.5
229 28.1 16.2 24.2#

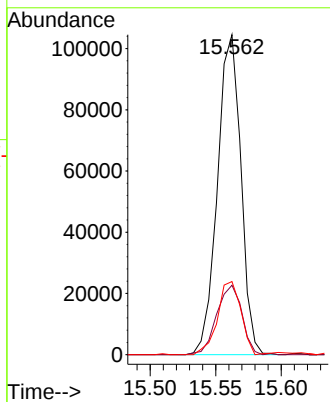
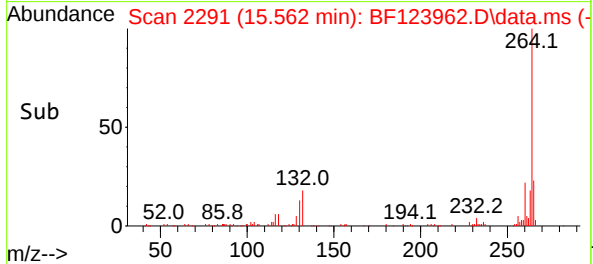




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. 0.012 min
 Lab File: BF123962.D
 Acq: 17 May 2021 14:31



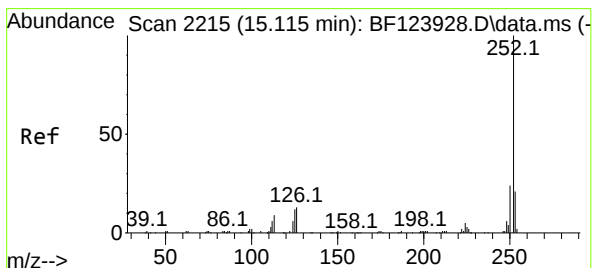
Tgt Ion:264 Resp: 129830
 Ion Ratio Lower Upper
 264 100
 260 21.7 18.7 28.1
 265 22.8 17.8 26.8



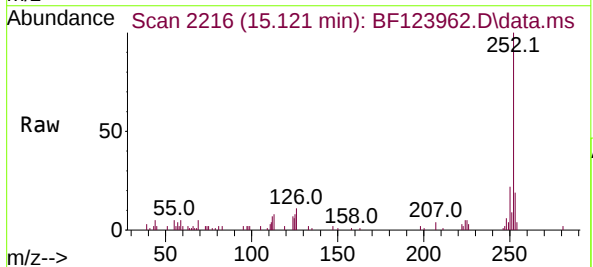
Instrument :
 BNA_F
 ClientSampleId :
 KSB-02(7.5-9.5)DL

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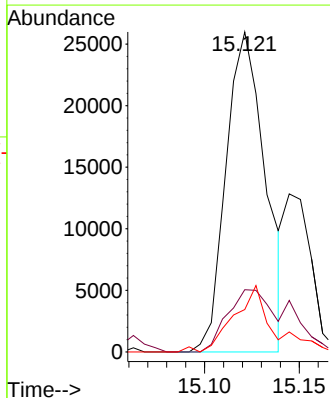
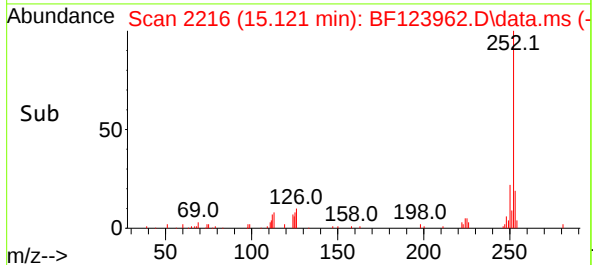
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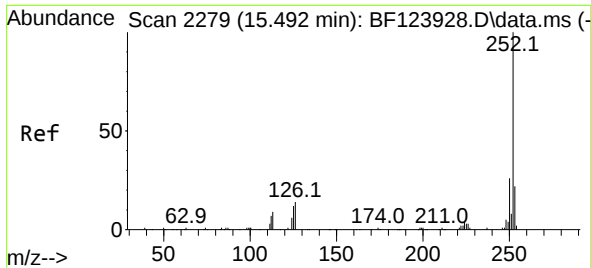


#88
 Benzo(b)fluoranthene
 Concen: 3.74 ng
 RT: 15.121 min Scan# 2216
 Delta R.T. 0.006 min
 Lab File: BF123962.D
 Acq: 17 May 2021 14:31

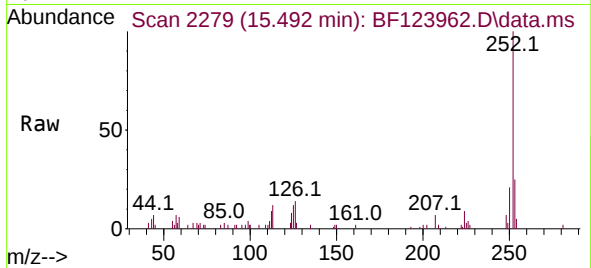


Tgt Ion:252 Resp: 37576
 Ion Ratio Lower Upper
 252 100
 253 19.5 18.1 27.1
 125 13.3 6.2 9.4#

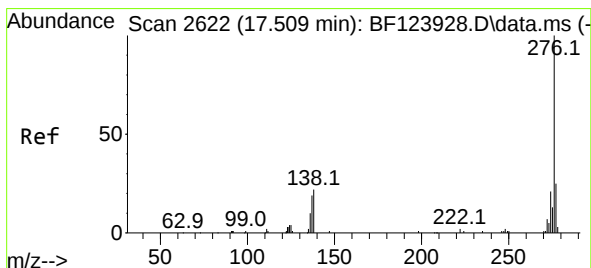
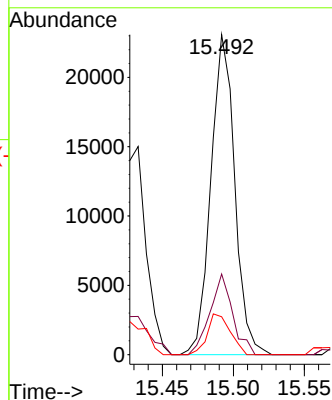
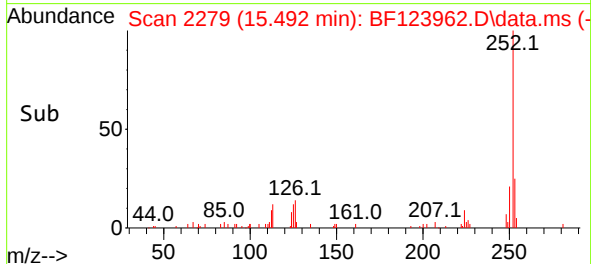




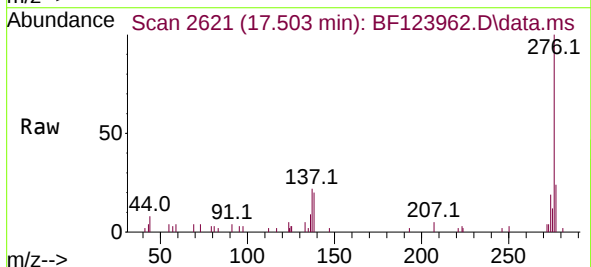
#90
Benzo(a)pyrene
Concen: 3.10 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF123962.D
Acq: 17 May 2021 14:31



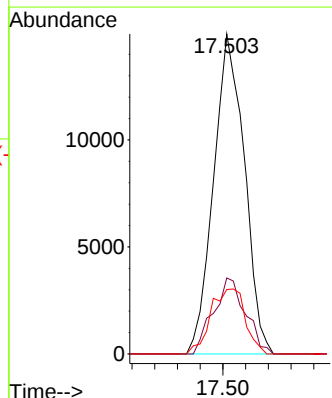
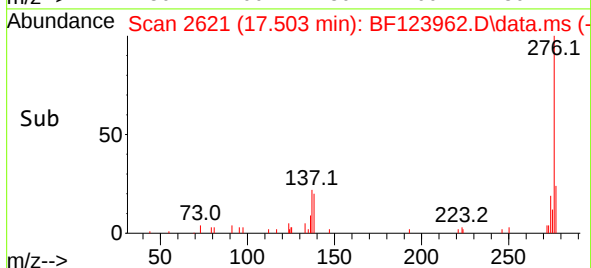
Tgt Ion:252 Resp: 26881
Ion Ratio Lower Upper
252 100
253 25.2 18.4 27.6
125 11.9 8.0 12.0



#92
Benzo(g,h,i)perylene
Concen: 3.32 ng
RT: 17.503 min Scan# 2621
Delta R.T. -0.006 min
Lab File: BF123962.D
Acq: 17 May 2021 14:31



Tgt Ion:276 Resp: 28142
Ion Ratio Lower Upper
276 100
277 23.7 18.2 27.2
138 20.1 13.8 20.6



Instrument :
BNA_F
ClientSampleId :
KSB-02(7.5-9.5)DL

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