

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
 Data File : BF123469.D
 Acq On : 25 Mar 2021 19:18
 Operator : JU/CG
 Sample : M1720-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2A-(0.5-1.0)

Manual Integrations
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Quant Time: Mar 26 00:39:02 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	215687	20.00	ng	0.00
21) Naphthalene-d8	8.187	136	784344	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	407276	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	606045	20.00	ng	0.00
76) Chrysene-d12	14.080	240	367787	20.00	ng	0.00
86) Perylene-d12	15.574	264	401343	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1059691	80.38	ng	0.00
7) Phenol-d6	6.522	99	1335237	76.08	ng	0.00
23) Nitrobenzene-d5	7.457	82	889054	61.18	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	329434	72.35	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1559897	54.72	ng	0.00
79) Terphenyl-d14	13.022	244	1200618	55.32	ng	0.00
Target Compounds						
10) Phenol	6.528	94	41166	2.29	ng	Qvalue 79
71) Phenanthrene	11.457	178	419111	12.51	ng	97
75) Fluoranthene	12.645	202	734013	20.23	ng	98
78) Pyrene	12.880	202	568825	17.93	ng	98
81) Benzo(a)anthracene	14.069	228	226463	9.41	ng	98
83) Chrysene	14.104	228	290132	11.67	ng	98
87) Indeno(1,2,3-cd)pyrene	17.080	276	135633	5.44	ng	95
88) Benzo(b)fluoranthene	15.133	252	406615m	14.69	ng	
89) Benzo(k)fluoranthene	15.163	252	97260m	3.72	ng	
90) Benzo(a)pyrene	15.510	252	239109	10.00	ng	99
92) Benzo(g,h,i)perylene	17.533	276	122705	5.79	ng	99

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

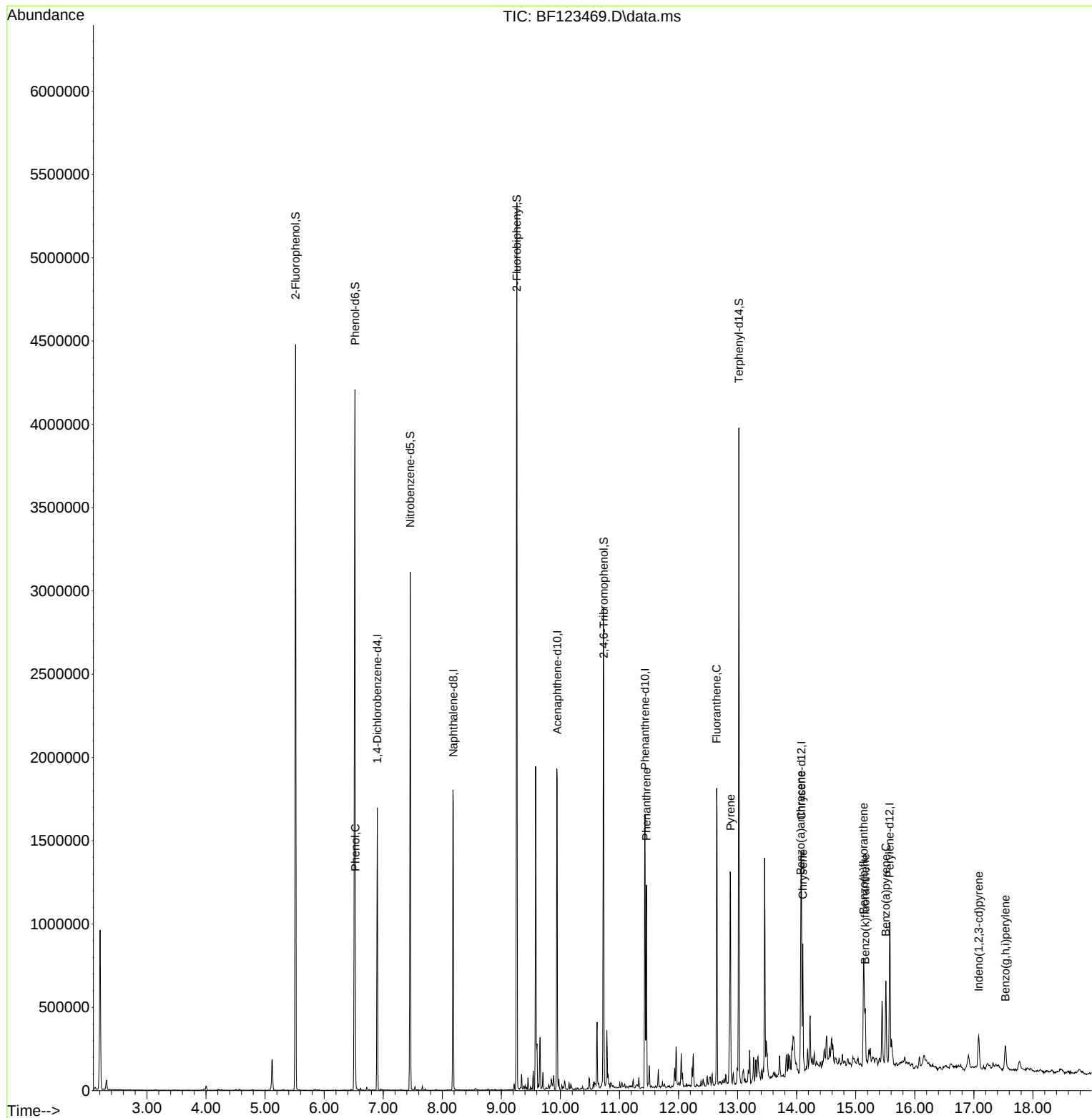
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032521\
Data File : BF123469.D
Acq On : 25 Mar 2021 19:18
Operator : JU/CG
Sample : M1720-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2A-(0.5-1.0)

Manual Integrations
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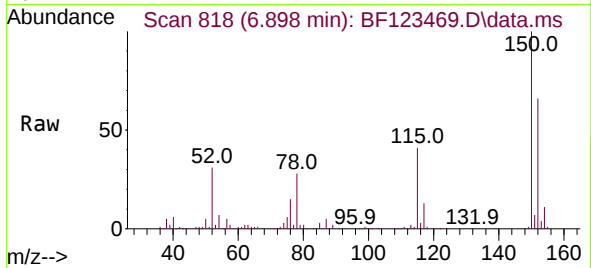
Quant Time: Mar 26 00:39:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 17:06:59 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF123469.D
Acq: 25 Mar 2021 19:18

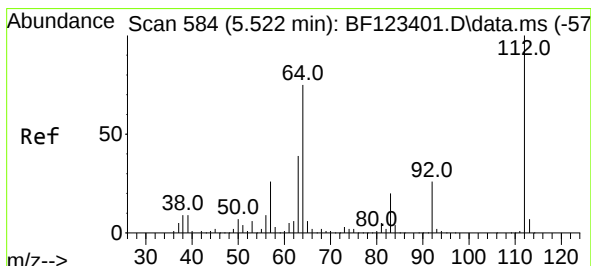
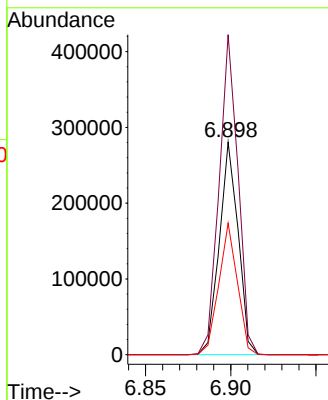
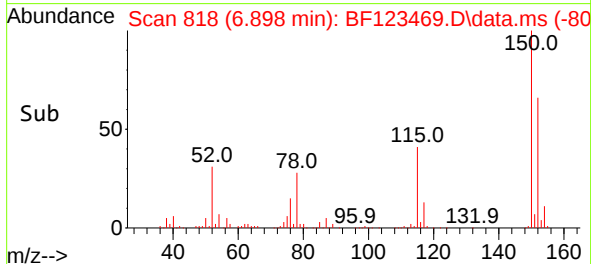
Instrument :
BNA_F
ClientSampled :
SB-2A-(0.5-1.0)



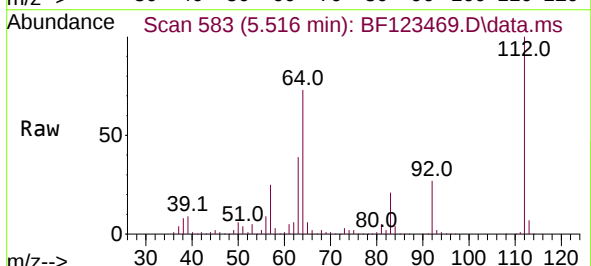
Tgt Ion:152 Resp: 215687
Ion Ratio Lower Upper
152 100
150 150.5 125.8 188.6
115 61.9 49.3 73.9

Manual Integrations
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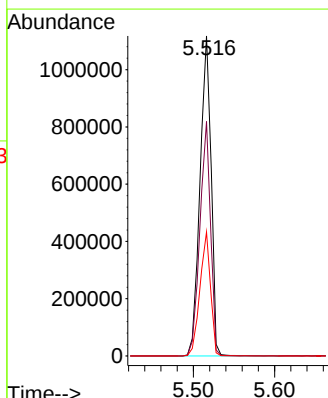
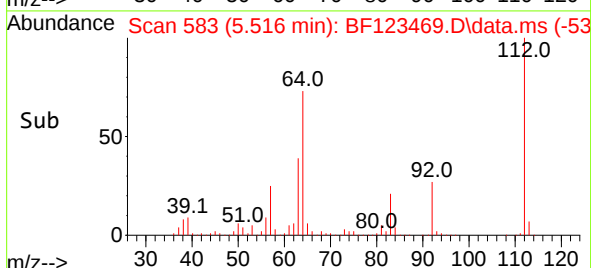
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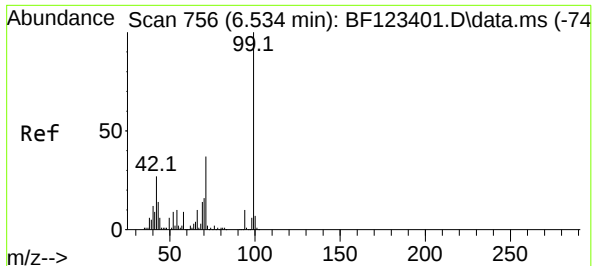


#5
2-Fluorophenol
Concen: 80.38 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF123469.D
Acq: 25 Mar 2021 19:18



Tgt Ion:112 Resp: 1059691
Ion Ratio Lower Upper
112 100
64 73.2 46.9 70.3#
63 38.8 24.5 36.7#





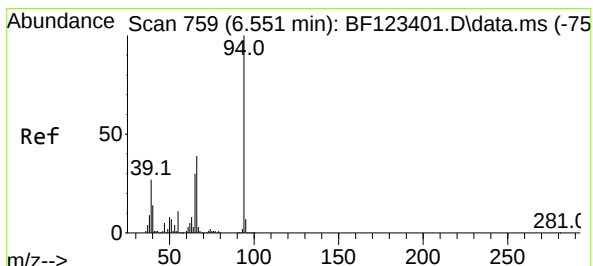
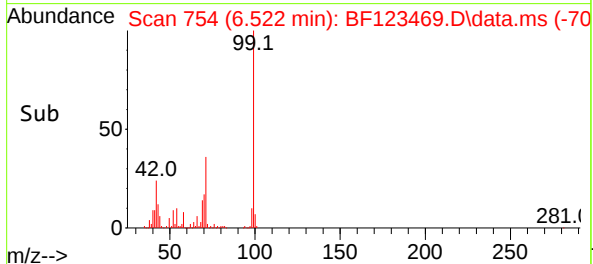
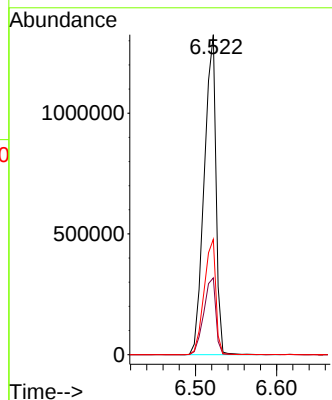
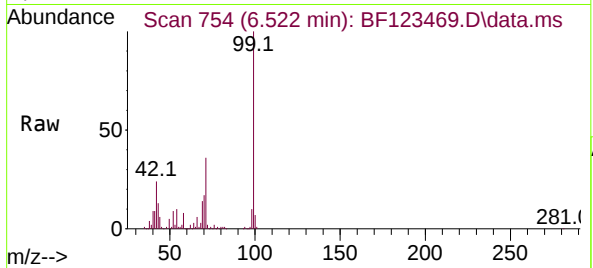
#7
Phenol-d6
Concen: 76.08 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF123469.D
Acq: 25 Mar 2021 19:18

Tgt Ion: 99 Resp: 1335237
Ion Ratio Lower Upper
99 100
42 24.0 13.8 20.6#
71 36.1 26.9 40.3

Instrument :
BNA_F
ClientSampleId :
SB-2A-(0.5-1.0)

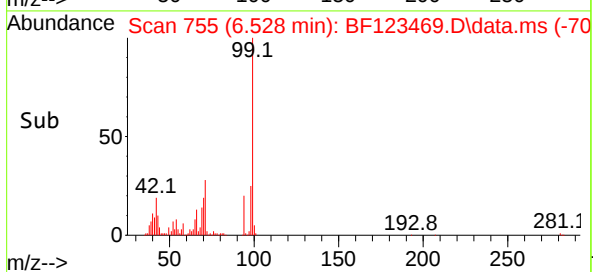
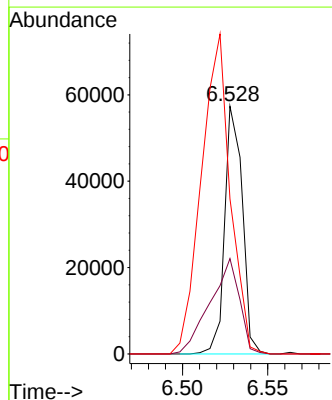
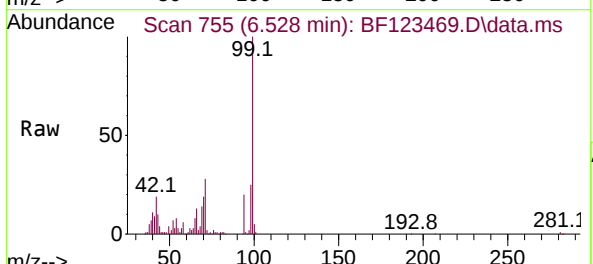
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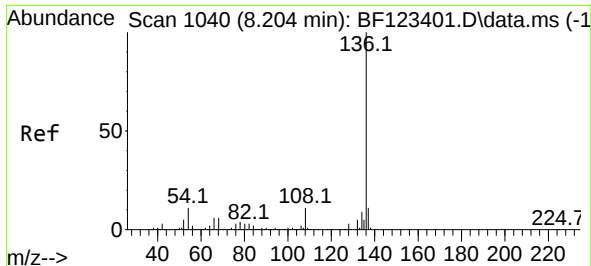
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#10
Phenol
Concen: 2.29 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF123469.D
Acq: 25 Mar 2021 19:18

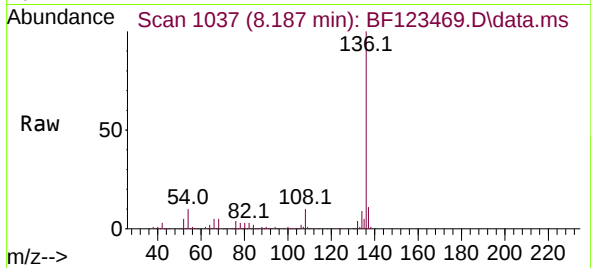
Tgt Ion: 94 Resp: 41166
Ion Ratio Lower Upper
94 100
65 38.5 11.2 51.2
66 62.7 25.8 65.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123469.D
Acq: 25 Mar 2021 19:18

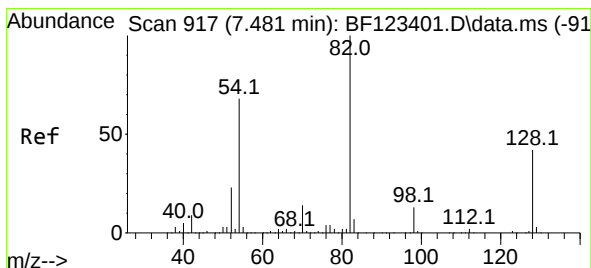
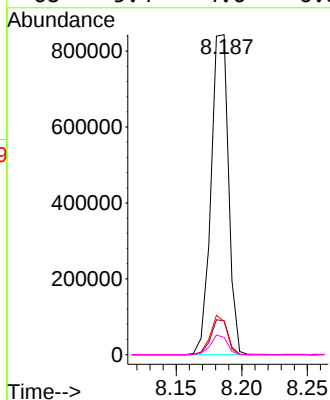
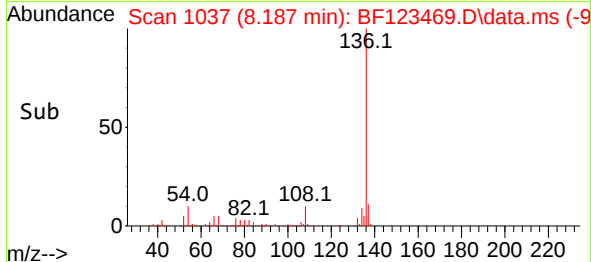
Instrument :
BNA_F
ClientSampleId :
SB-2A-(0.5-1.0)



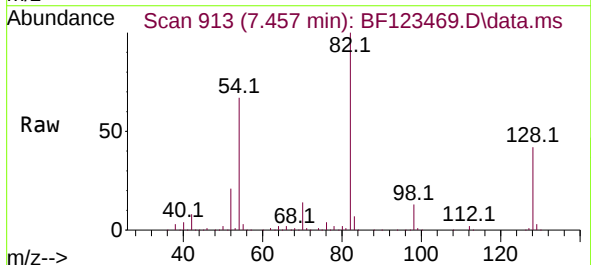
Tgt Ion:136 Resp: 784344
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 10.4 5.5 8.3#
68 5.4 4.6 6.8

Manual Integrations
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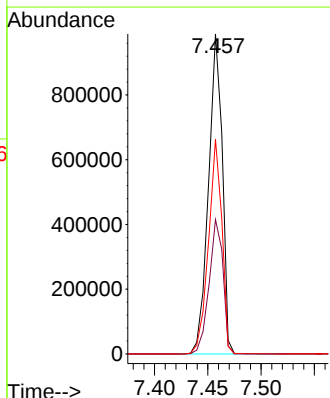
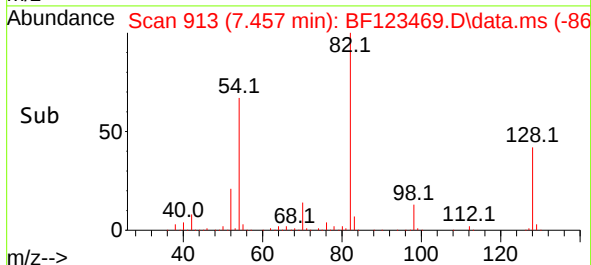
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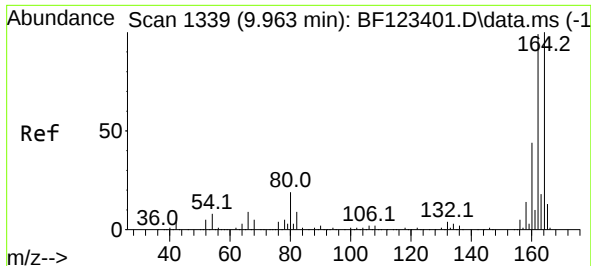


#23
Nitrobenzene-d5
Concen: 61.18 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF123469.D
Acq: 25 Mar 2021 19:18



Tgt Ion: 82 Resp: 889054
Ion Ratio Lower Upper
82 100
128 42.0 37.0 55.4
54 67.1 38.4 57.6#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.945 min Scan# 1336

Delta R.T. 0.000 min

Lab File: BF123469.D

Acq: 25 Mar 2021 19:18

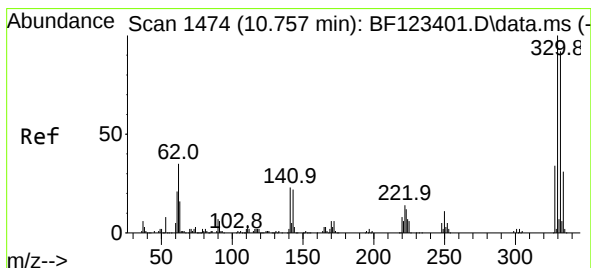
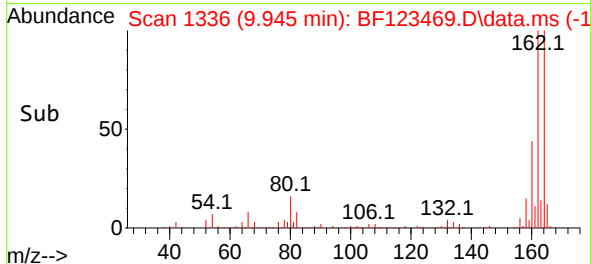
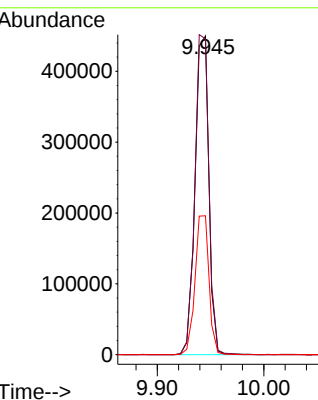
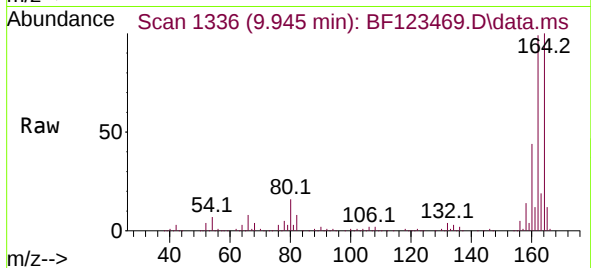
Tgt Ion:164 Resp: 407276

Ion Ratio Lower Upper

164 100

162 99.1 80.8 121.2

160 43.6 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 72.35 ng

RT: 10.733 min Scan# 1470

Delta R.T. 0.000 min

Lab File: BF123469.D

Acq: 25 Mar 2021 19:18

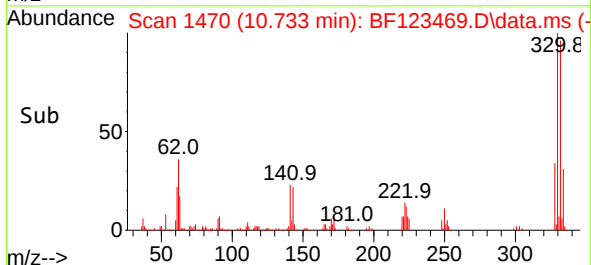
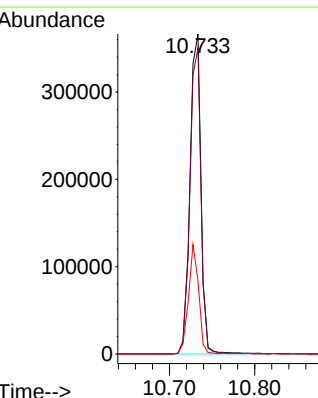
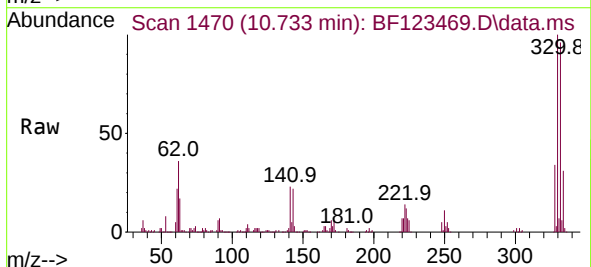
Tgt Ion:330 Resp: 329434

Ion Ratio Lower Upper

330 100

332 95.8 77.5 116.3

141 31.8 23.8 35.8



Instrument :

BNA_F

ClientSampleId :

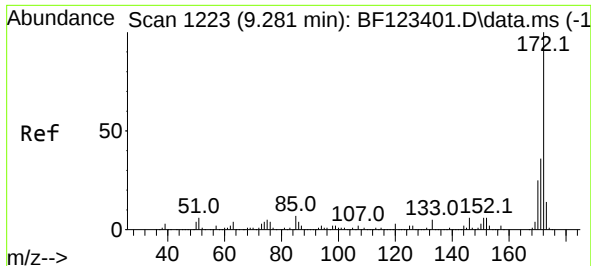
SB-2A-(0.5-1.0)

Manual Integrations

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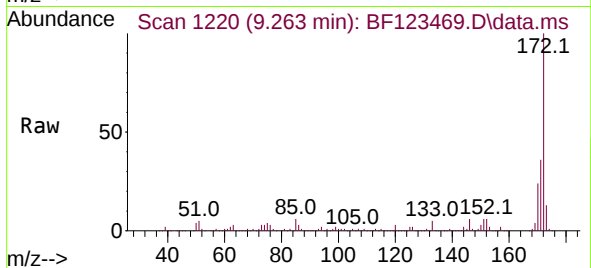
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#45
2-Fluorobiphenyl
Concen: 54.72 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123469.D
Acq: 25 Mar 2021 19:18

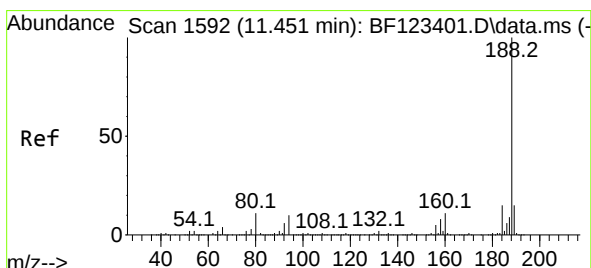
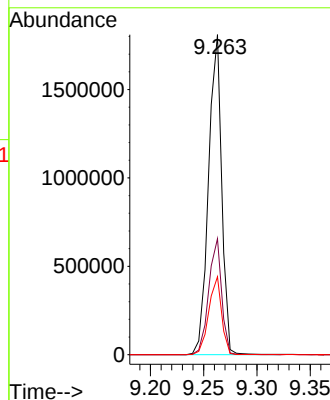
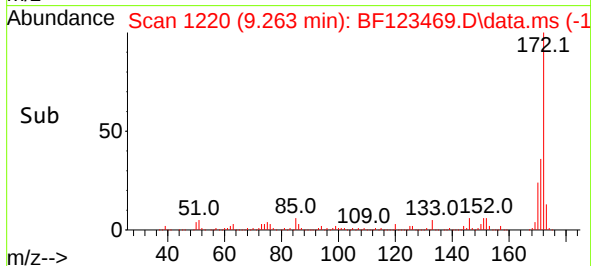
Instrument :
BNA_F
ClientSampleId :
SB-2A-(0.5-1.0)



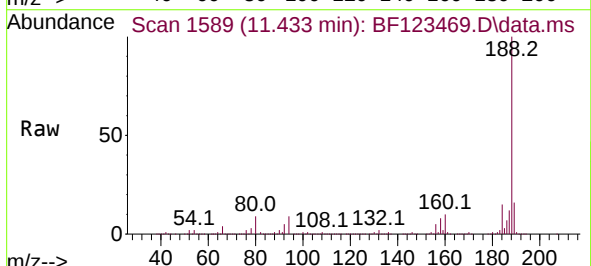
Tgt Ion:172 Resp: 1559897
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.4 19.5 29.3

Manual Integrations
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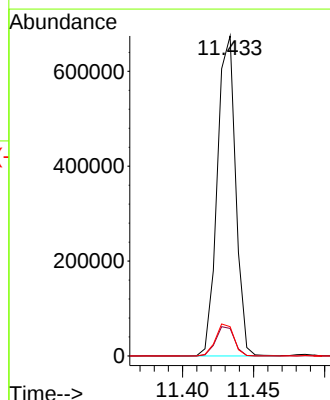
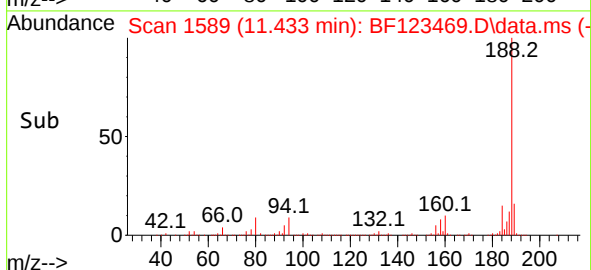
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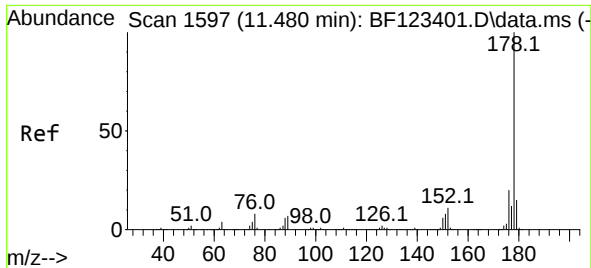


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123469.D
Acq: 25 Mar 2021 19:18



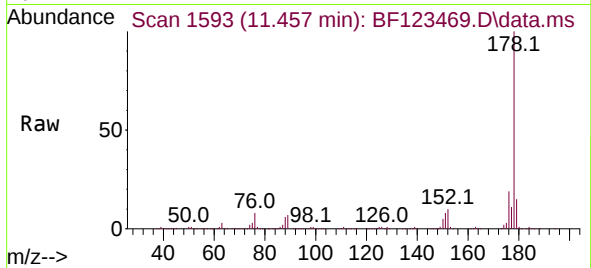
Tgt Ion:188 Resp: 606045
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.1 8.2 12.4





#71
Phenanthrene
Concen: 12.51 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF123469.D
Acq: 25 Mar 2021 19:18

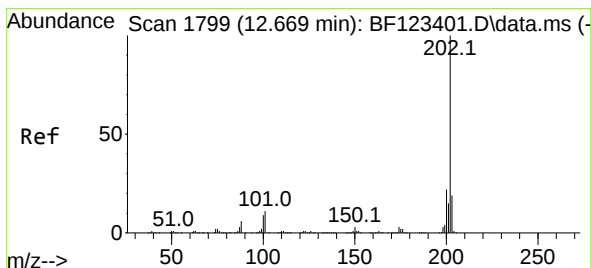
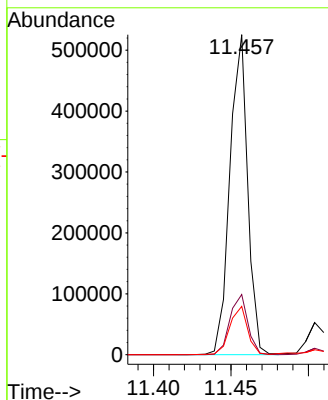
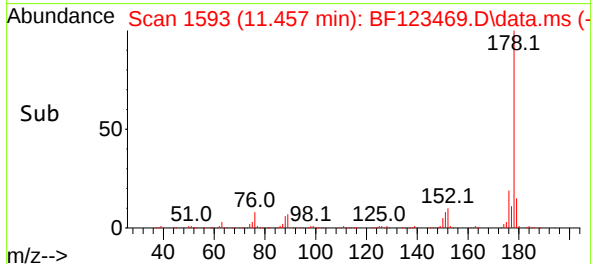
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SB-2A-(0.5-1.0)



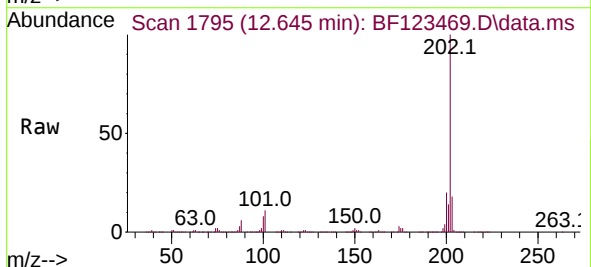
Tgt Ion:178 Resp: 419111
Ion Ratio Lower Upper
178 100
176 18.8 16.2 24.2
179 15.1 12.7 19.1

Manual Integrations
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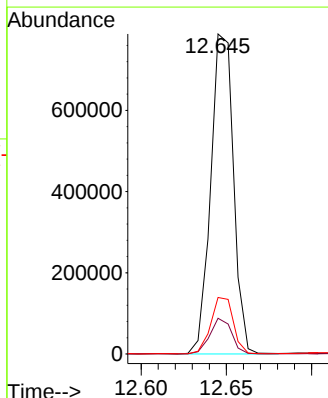
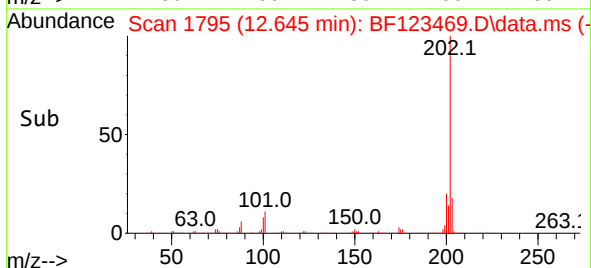
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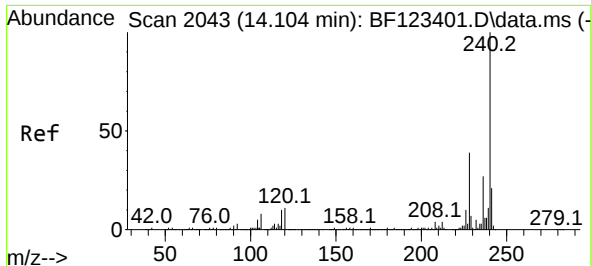


#75
Fluoranthene
Concen: 20.23 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF123469.D
Acq: 25 Mar 2021 19:18



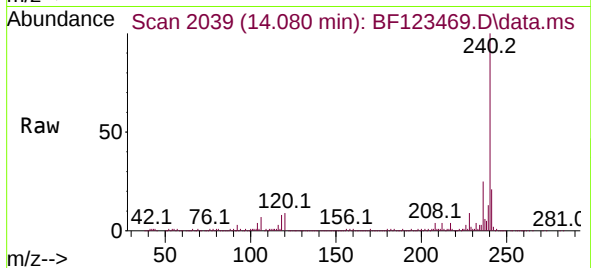
Tgt Ion:202 Resp: 734013
Ion Ratio Lower Upper
202 100
101 11.1 0.0 32.2
203 17.7 0.0 38.1





#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF123469.D
Acq: 25 Mar 2021 19:18

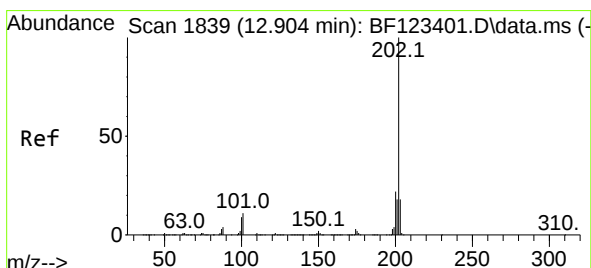
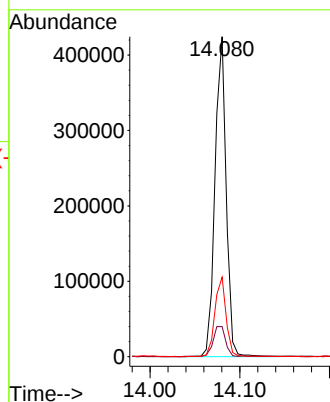
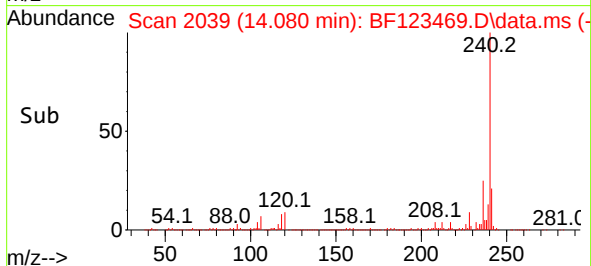
Instrument :
BNA_F
ClientSampleId :
SB-2A-(0.5-1.0)



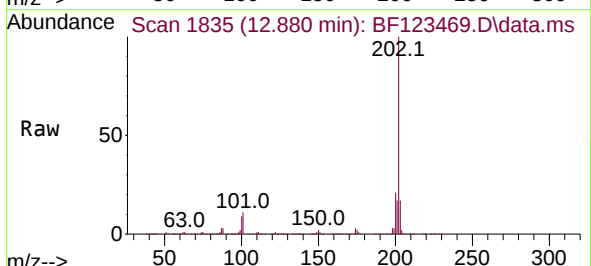
Tgt Ion:240 Resp: 367787
Ion Ratio Lower Upper
240 100
120 9.4 8.6 12.8
236 24.9 20.3 30.5

Manual Integrations
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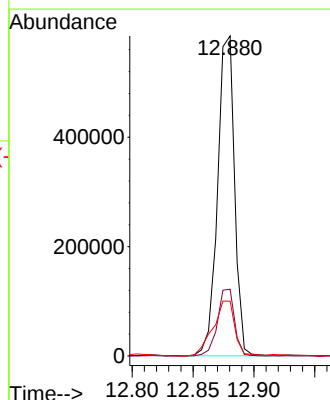
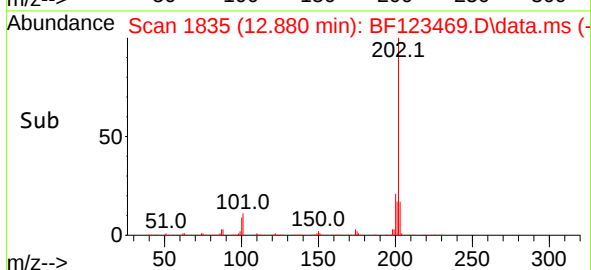
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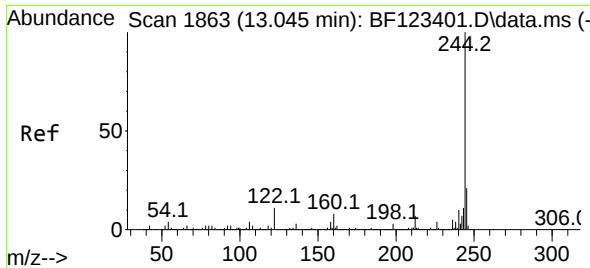


#78
Pyrene
Concen: 17.93 ng
RT: 12.880 min Scan# 1835
Delta R.T. 0.000 min
Lab File: BF123469.D
Acq: 25 Mar 2021 19:18



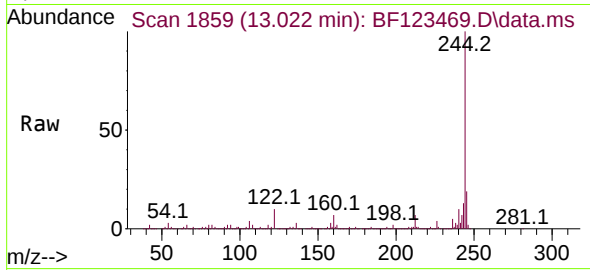
Tgt Ion:202 Resp: 568825
Ion Ratio Lower Upper
202 100
200 20.8 17.6 26.4
203 17.1 14.6 21.8





#79
 Terphenyl-d14
 Concen: 55.32 ng
 RT: 13.022 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: BF123469.D
 Acq: 25 Mar 2021 19:18

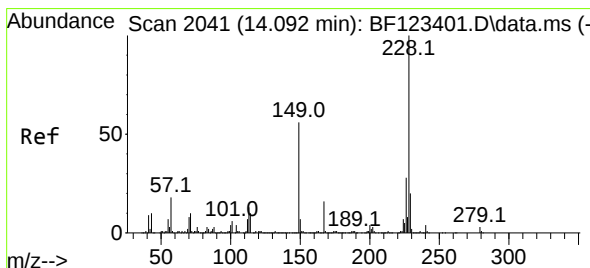
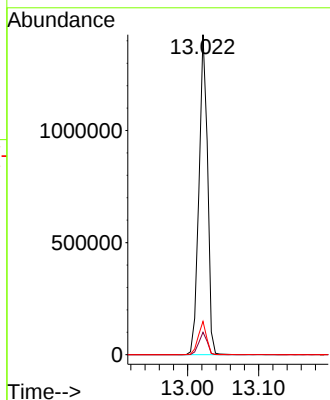
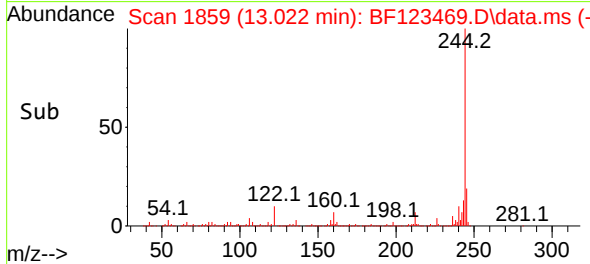
Instrument :
 BNA_F
 ClientSampleId :
 SB-2A-(0.5-1.0)



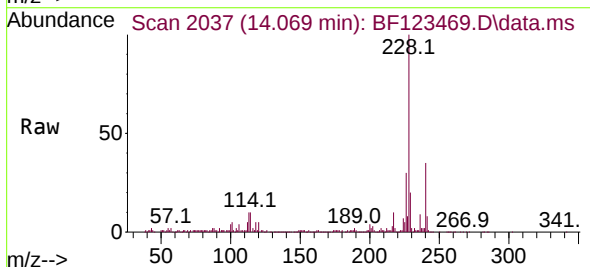
Tgt Ion:244 Resp: 1200618
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.4 8.3 12.5

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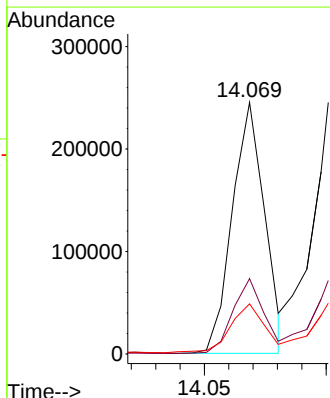
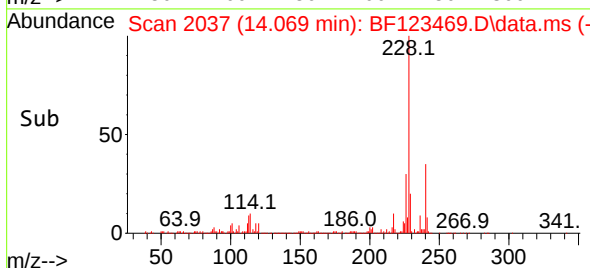
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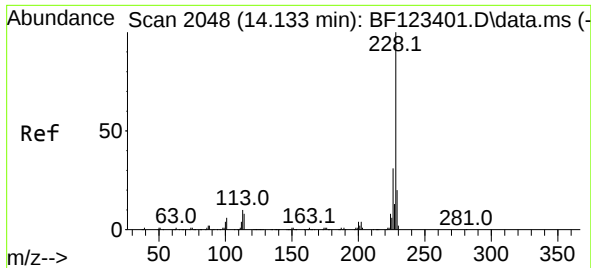


#81
 Benzo(a)anthracene
 Concen: 9.41 ng
 RT: 14.069 min Scan# 2037
 Delta R.T. -0.006 min
 Lab File: BF123469.D
 Acq: 25 Mar 2021 19:18

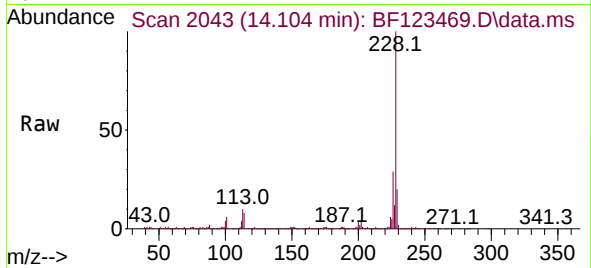


Tgt Ion:228 Resp: 226463
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.0 34.4
 229 19.9 16.6 24.8

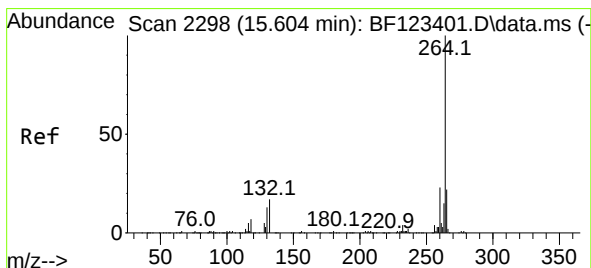
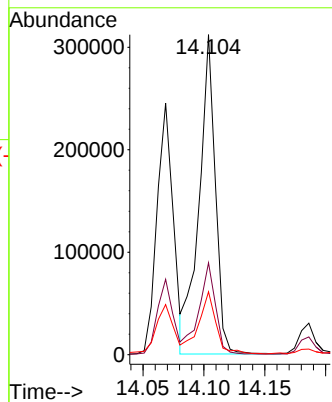
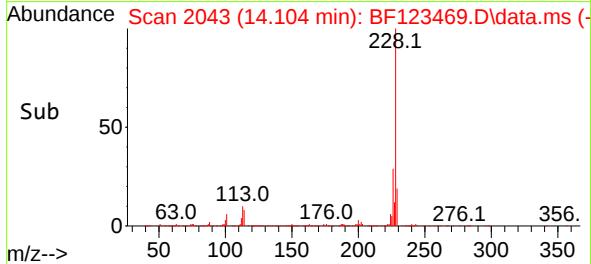




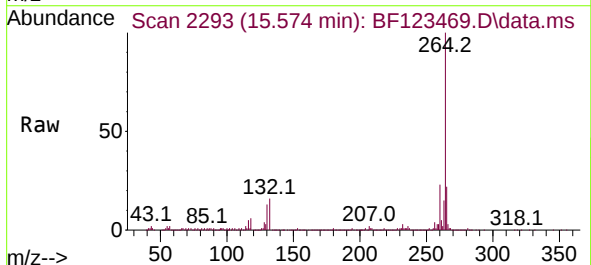
#83
Chrysene
Concen: 11.67 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF123469.D
Acq: 25 Mar 2021 19:18



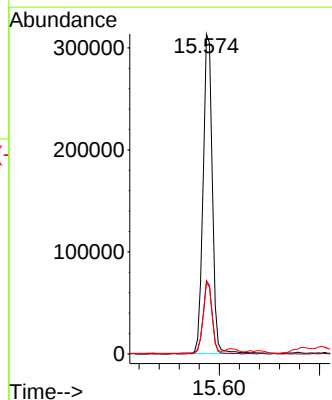
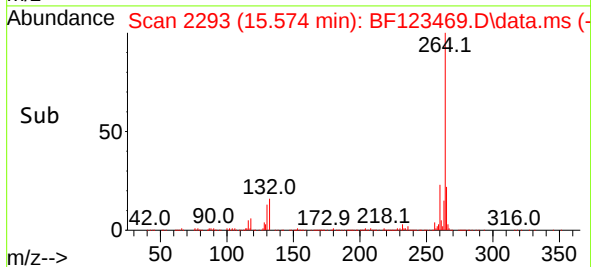
Tgt Ion:228 Resp: 290132
Ion Ratio Lower Upper
228 100
226 28.7 24.6 36.8
229 19.7 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BF123469.D
Acq: 25 Mar 2021 19:18



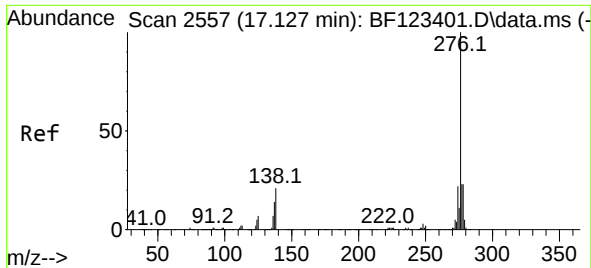
Tgt Ion:264 Resp: 401343
Ion Ratio Lower Upper
264 100
260 23.0 18.6 28.0
265 22.3 17.0 25.6



Instrument :
BNA_F
ClientSampleId :
SB-2A-(0.5-1.0)

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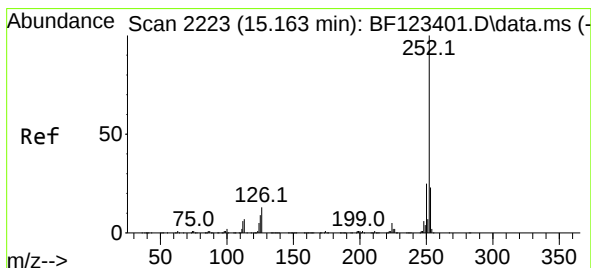
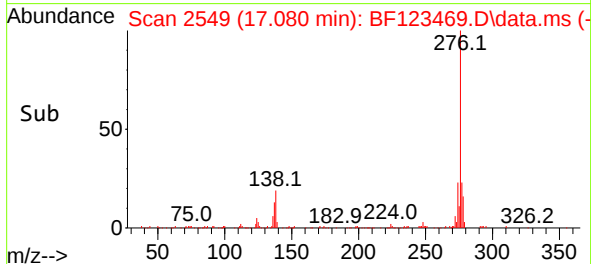
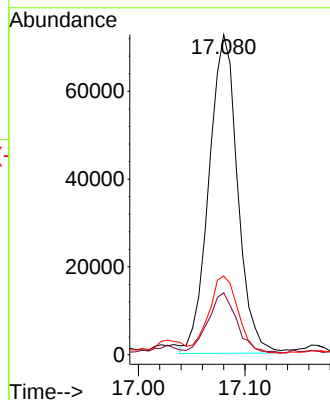
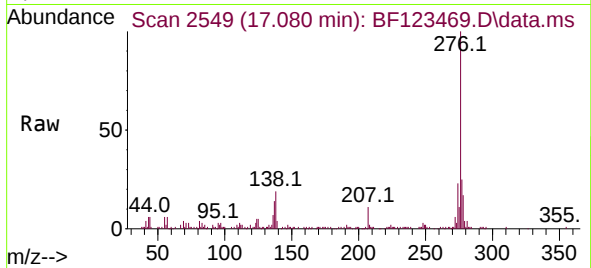
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.44 ng
RT: 17.080 min Scan# 2549
Delta R.T. -0.006 min
Lab File: BF123469.D
Acq: 25 Mar 2021 19:18

Tgt Ion: 276 Resp: 135633
Ion Ratio Lower Upper
276 100
138 19.1 18.7 28.1
277 24.9 20.2 30.4

Instrument :
BNA_F
ClientSampleId :
SB-2A-(0.5-1.0)

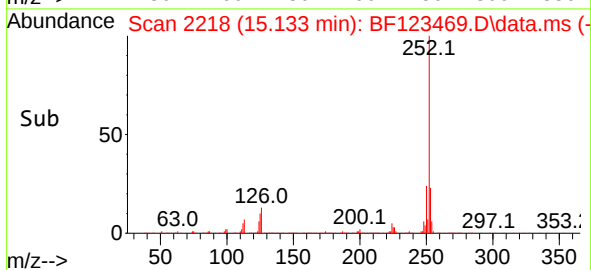
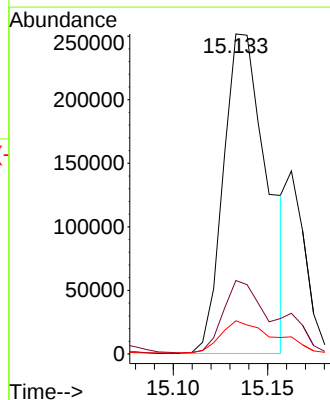
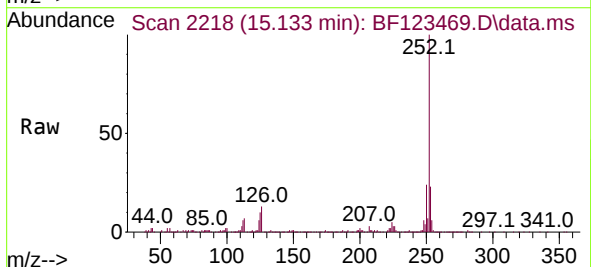
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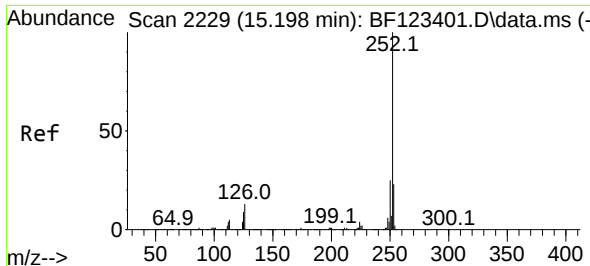
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#88
Benzo(b)fluoranthene
Concen: 14.69 ng m
RT: 15.133 min Scan# 2218
Delta R.T. -0.006 min
Lab File: BF123469.D
Acq: 25 Mar 2021 19:18

Tgt Ion: 252 Resp: 406615
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 10.4 8.1 12.1





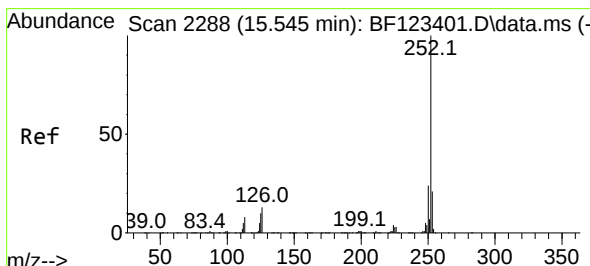
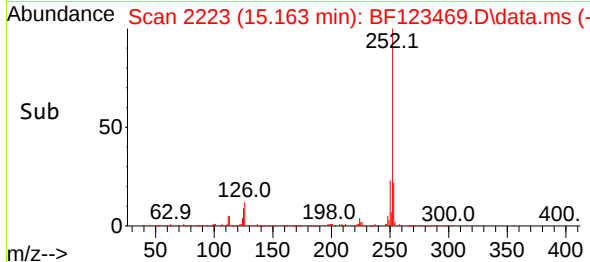
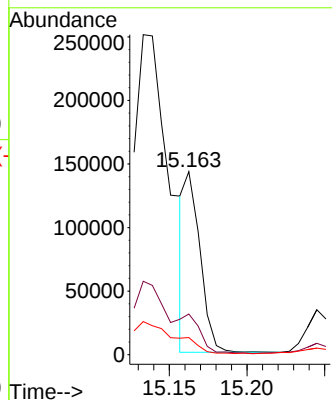
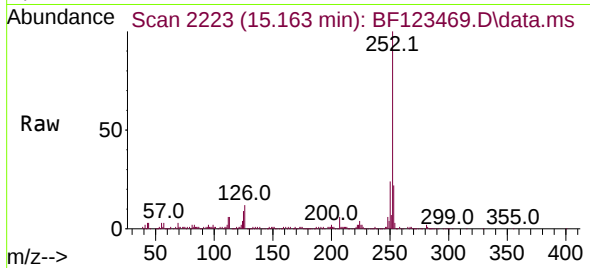
#89
Benzo(k)fluoranthene
Concen: 3.72 ng m
RT: 15.163 min Scan# 2223
Delta R.T. -0.006 min
Lab File: BF123469.D
Acq: 25 Mar 2021 19:18

Tgt Ion:252 Resp: 97260
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.3 8.4 12.6

Instrument :
BNA_F
ClientSampleId :
SB-2A-(0.5-1.0)

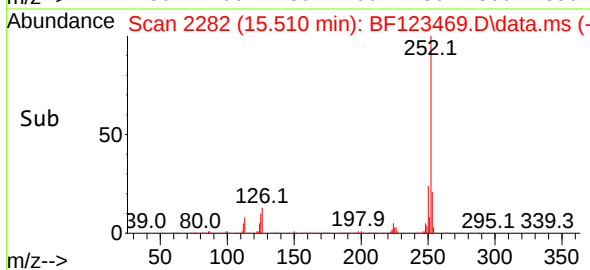
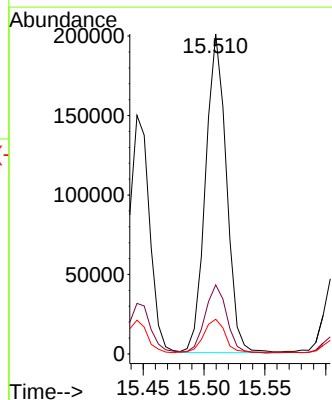
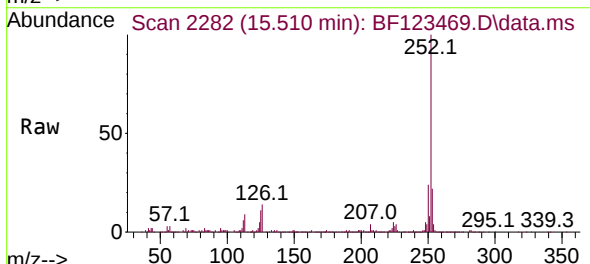
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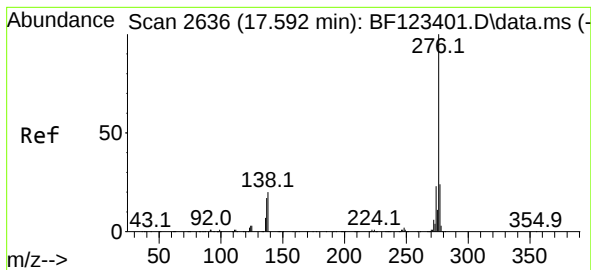
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#90
Benzo(a)pyrene
Concen: 10.00 ng
RT: 15.510 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF123469.D
Acq: 25 Mar 2021 19:18

Tgt Ion:252 Resp: 239109
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 10.9 8.6 12.8





#92

Benzo(g,h,i)perylene

Concen: 5.79 ng

RT: 17.533 min Scan# 2626

Delta R.T. -0.012 min

Lab File: BF123469.D

Acq: 25 Mar 2021 19:18

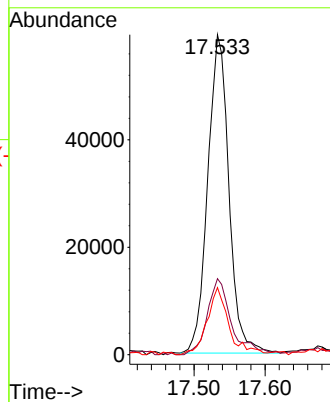
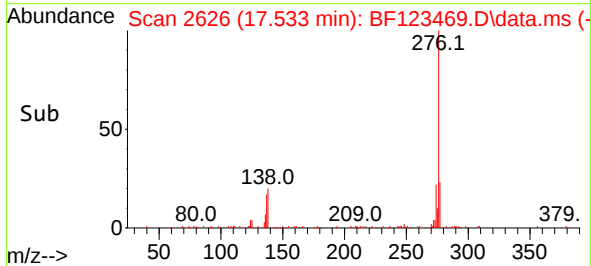
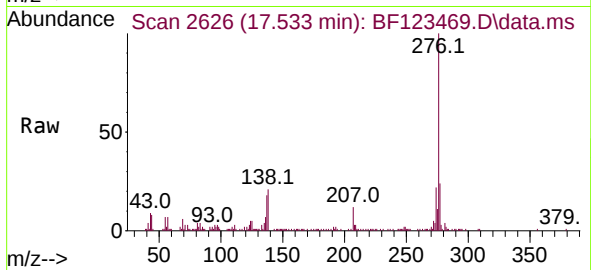
Tgt Ion:276 Resp: 122705

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 20.9 16.6 24.8



Instrument :

BNA_F

ClientSampleId :

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Manual Integrations

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