

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
 Data File : BF123269.D
 Acq On : 22 Feb 2021 20:53
 Operator : JU/CG
 Sample : M1452-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Manual Integrations
 APPROVED

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Quant Time: Feb 23 03:51:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	117406	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	468823	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	238780	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	448914	20.00	ng	0.00
76) Chrysene-d12	14.039	240	360386	20.00	ng	0.00
86) Perylene-d12	15.510	264	280573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	820448	100.59	ng	0.00
7) Phenol-d6	6.492	99	1067618	96.35	ng	0.00
23) Nitrobenzene-d5	7.416	82	713826	69.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	245606	101.02	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1062401	63.91	ng	0.00
79) Terphenyl-d14	12.980	244	1010530	53.92	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.498	94	111640	9.24	ng	94
75) Fluoranthene	12.604	202	158282	5.63	ng	97
78) Pyrene	12.833	202	154399	5.49	ng	98
81) Benzo(a)anthracene	14.027	228	81806m	3.34	ng	
83) Chrysene	14.063	228	86501	3.60	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	48485	2.50	ng	100
88) Benzo(b)fluoranthene	15.080	252	98382m	4.99	ng	
90) Benzo(a)pyrene	15.445	252	68060	3.87	ng	# 90
92) Benzo(g,h,i)perylene	17.427	276	52855	3.45	ng	96

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

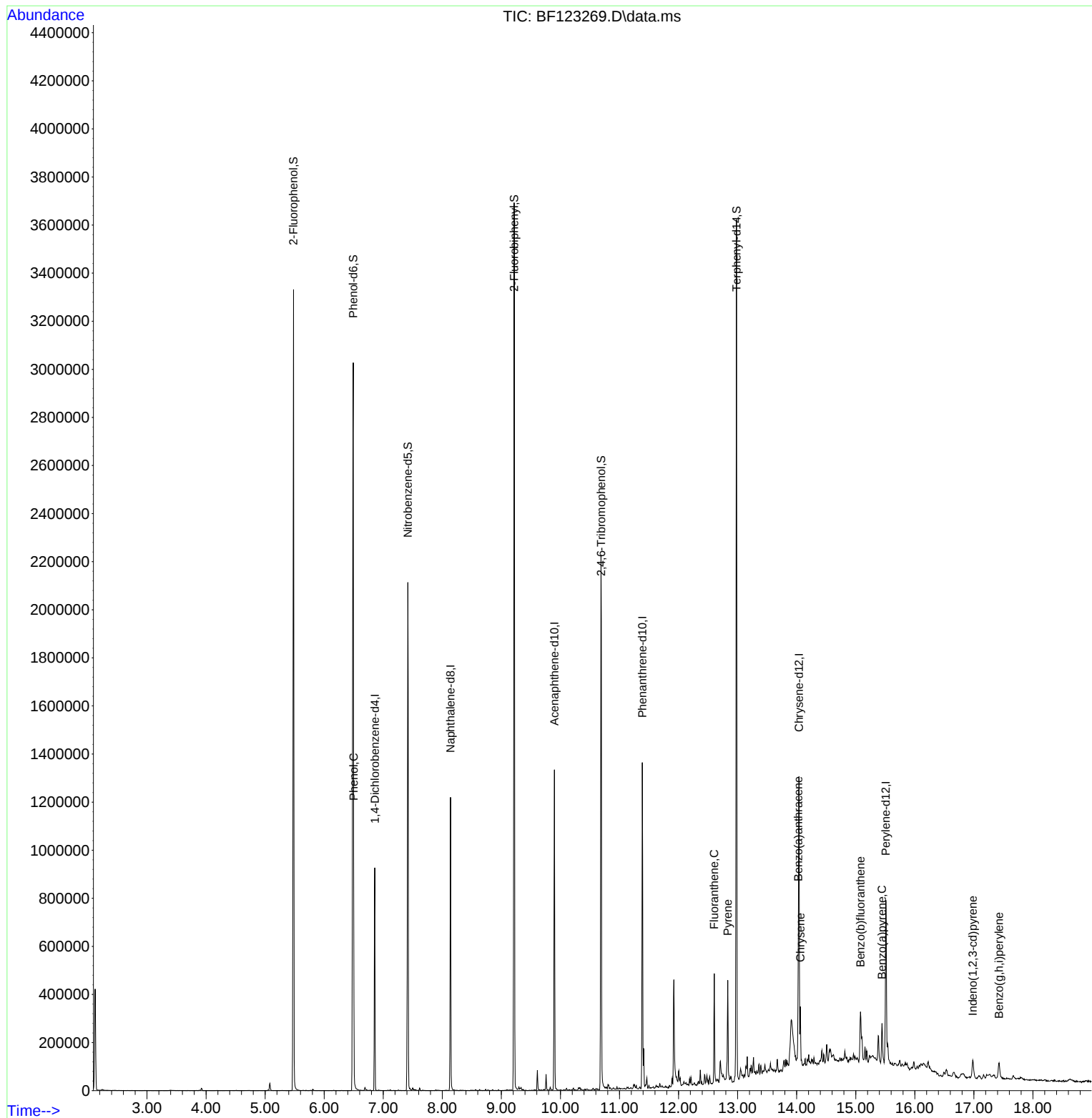
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
Data File : BF123269.D
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ALS Vial : 18 Sample Multiplier: 1

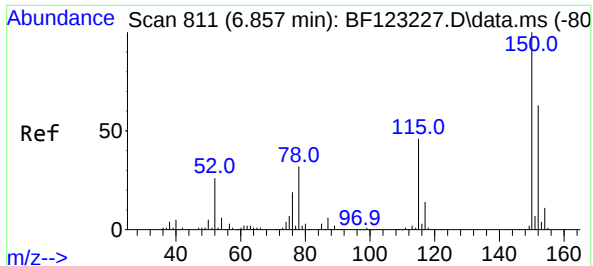
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ClientSampleId :
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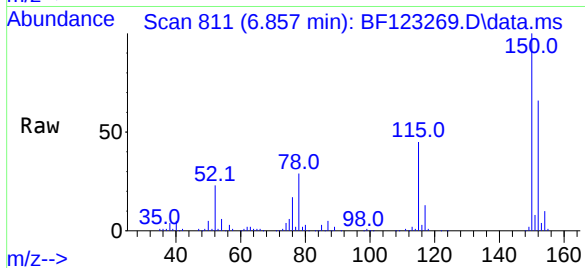
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
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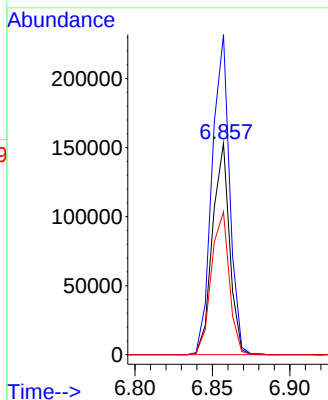
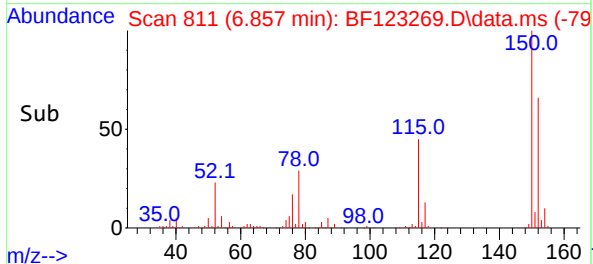




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123269.D
Acq: 22 Feb 2021 20:53



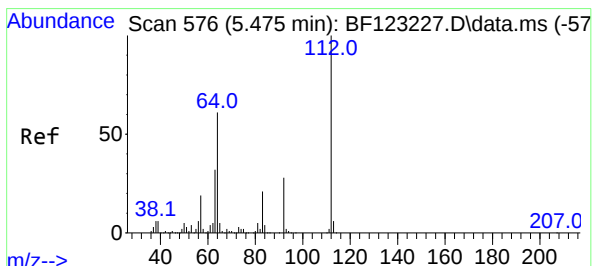
Tgt Ion:152 Resp: 117406
Ion Ratio Lower Upper
152 100
150 151.4 125.8 188.6
115 67.6 49.3 73.9



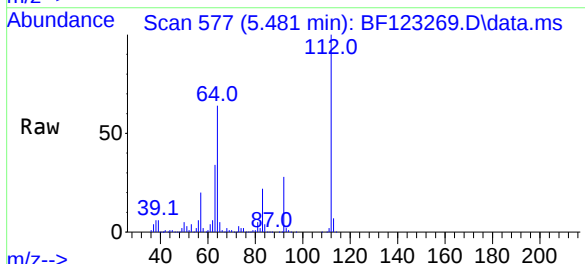
Instrument :
BNA_F
ClientSampled :
TP-3

Manual Integrations
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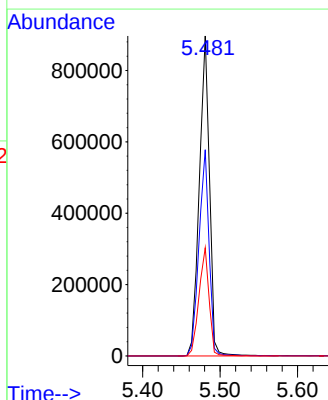
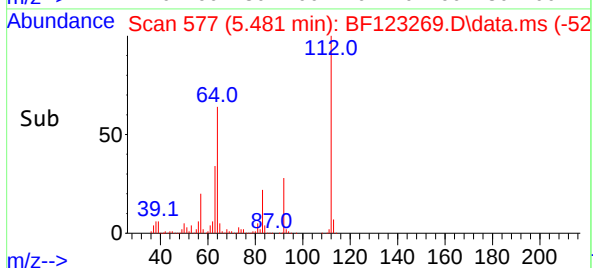
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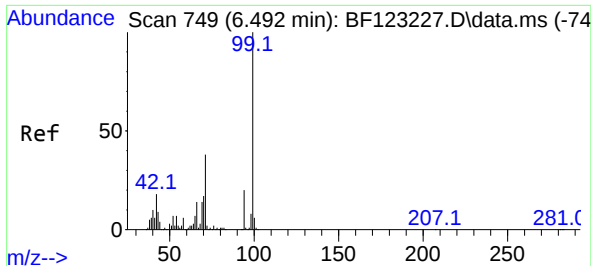


#5
2-Fluorophenol
Concen: 100.59 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF123269.D
Acq: 22 Feb 2021 20:53



Tgt Ion:112 Resp: 820448
Ion Ratio Lower Upper
112 100
64 64.5 46.9 70.3
63 33.8 24.5 36.7





#7
Phenol-d6
Concen: 96.35 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF123269.D
Acq: 22 Feb 2021 20:53

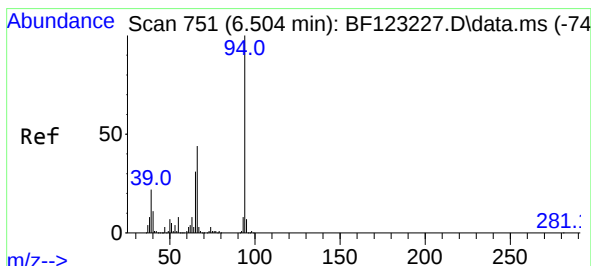
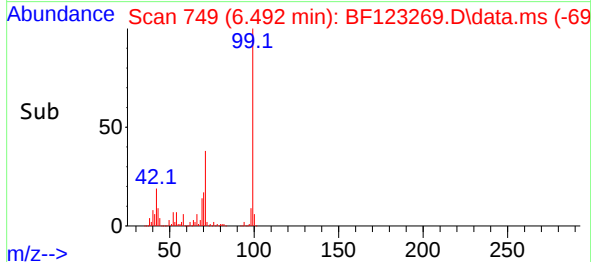
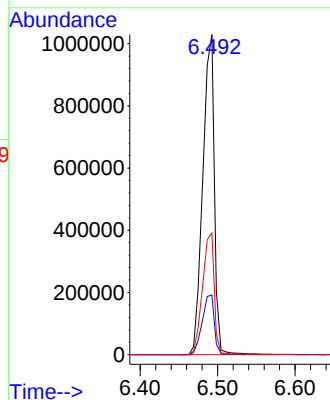
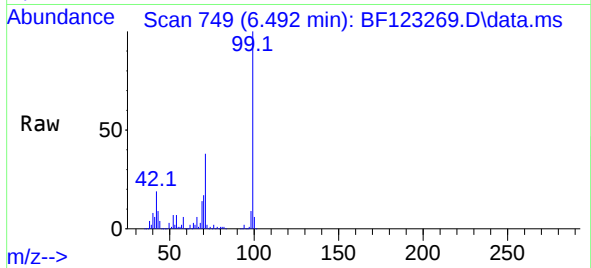
Tgt Ion: 99 Resp: 1067618

Ion	Ratio	Lower	Upper
99	100		
42	18.6	13.8	20.6
71	38.0	26.9	40.3

Instrument :
BNA_F
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TP-3

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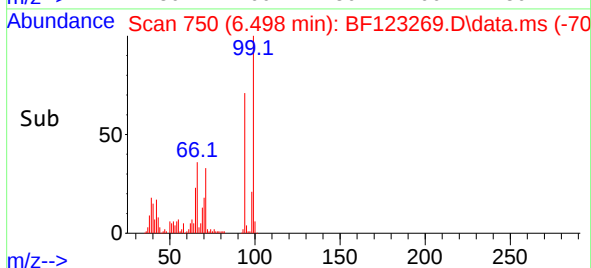
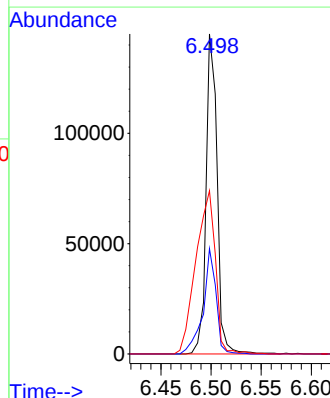
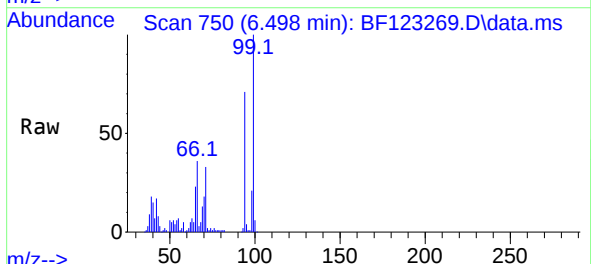
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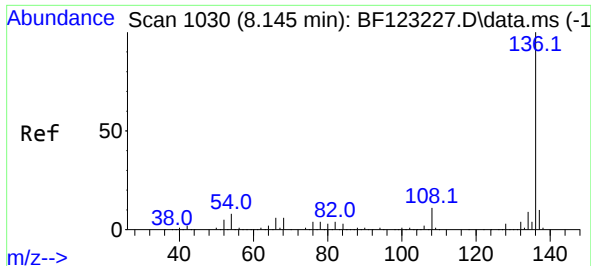


#10
Phenol
Concen: 9.24 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF123269.D
Acq: 22 Feb 2021 20:53

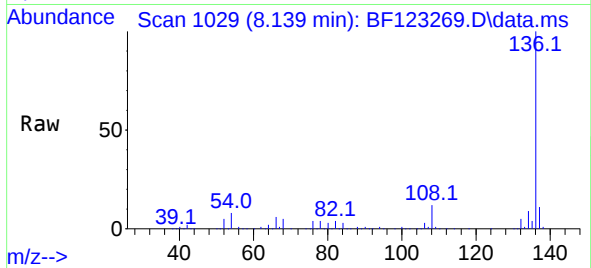
Tgt Ion: 94 Resp: 111640

Ion	Ratio	Lower	Upper
94	100		
65	32.9	11.2	51.2
66	51.0	25.8	65.8



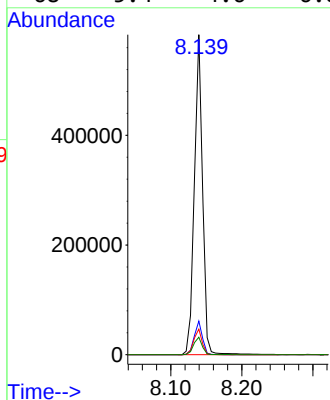


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123269.D
Acq: 22 Feb 2021 20:53



Tgt Ion: 136 Resp: 468823

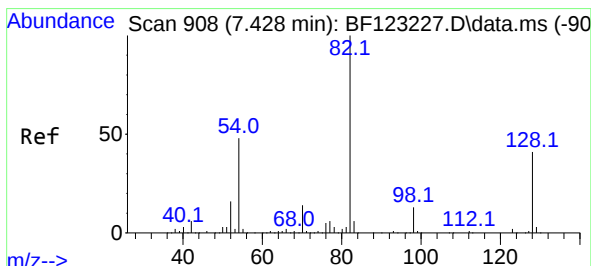
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.0	5.5	8.3
68	5.4	4.6	6.8



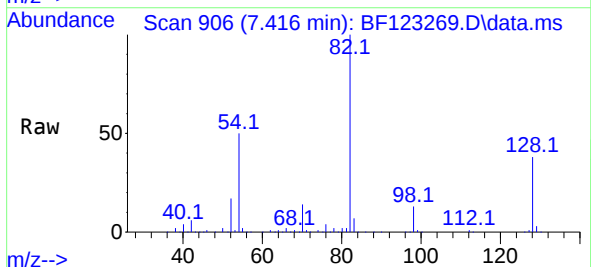
Instrument :
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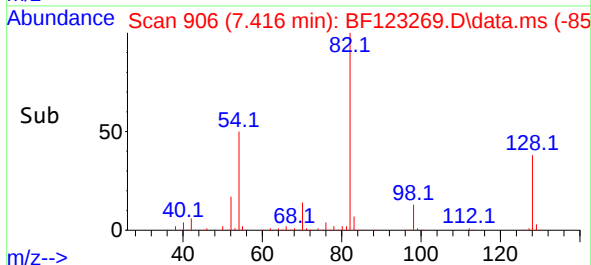
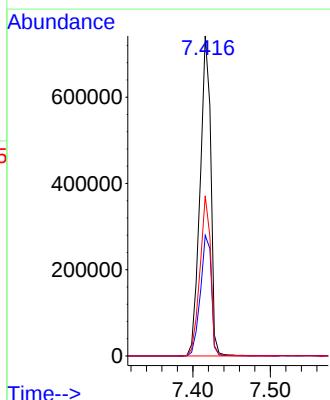


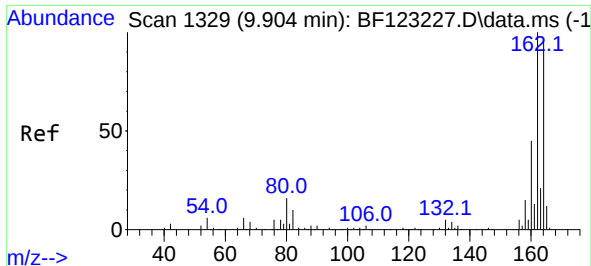
#23
Nitrobenzene-d5
Concen: 69.70 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123269.D
Acq: 22 Feb 2021 20:53



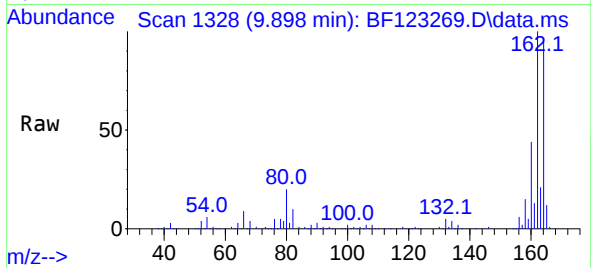
Tgt Ion: 82 Resp: 713826

Ion	Ratio	Lower	Upper
82	100		
128	37.7	37.0	55.4
54	50.1	38.4	57.6

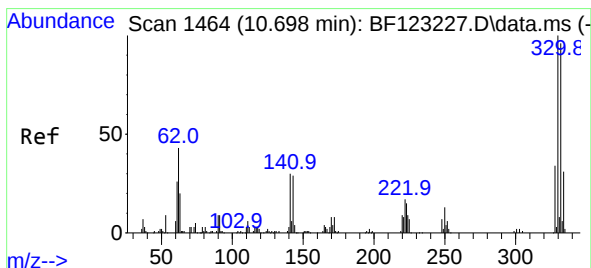
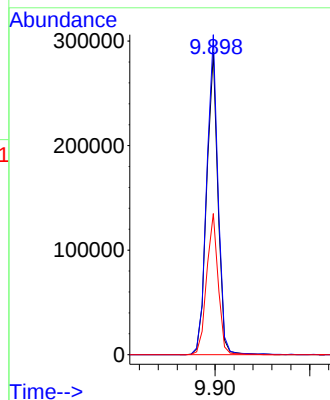
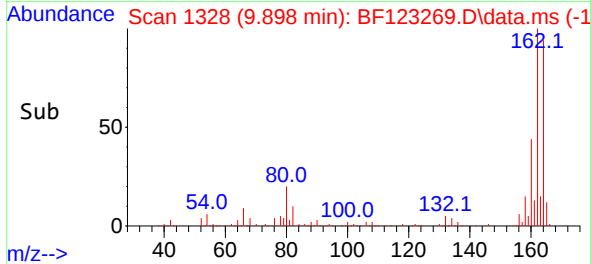




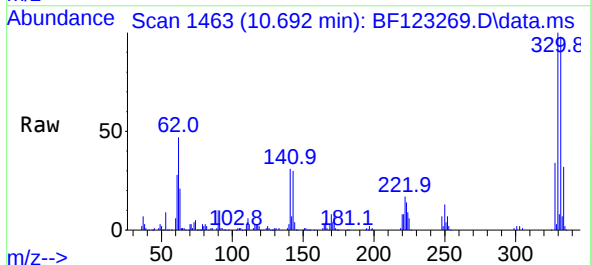
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123269.D
Acq: 22 Feb 2021 20:53



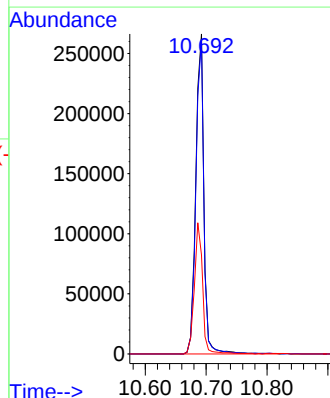
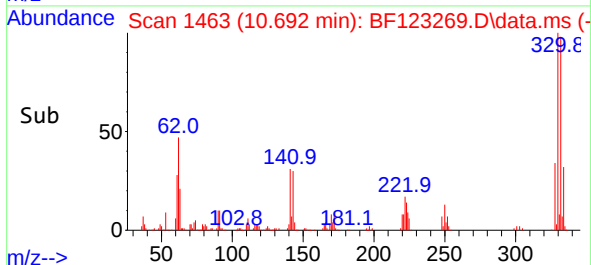
Tgt Ion:164 Resp: 238780
Ion Ratio Lower Upper
164 100
162 105.8 80.8 121.2
160 46.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 101.02 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123269.D
Acq: 22 Feb 2021 20:53



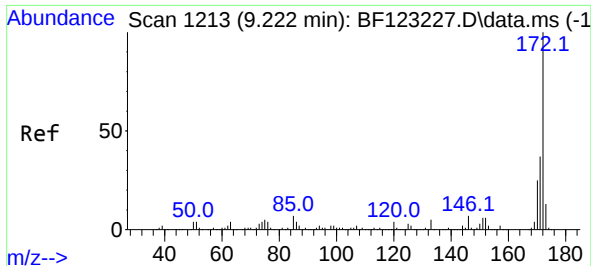
Tgt Ion:330 Resp: 245606
Ion Ratio Lower Upper
330 100
332 96.6 77.5 116.3
141 41.6 23.8 35.8#



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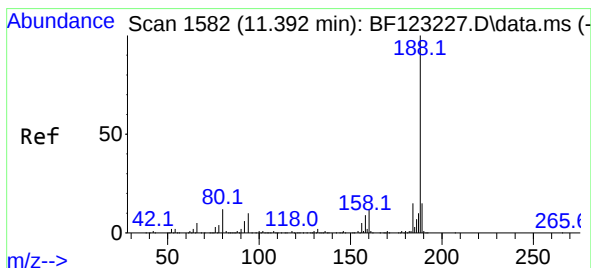
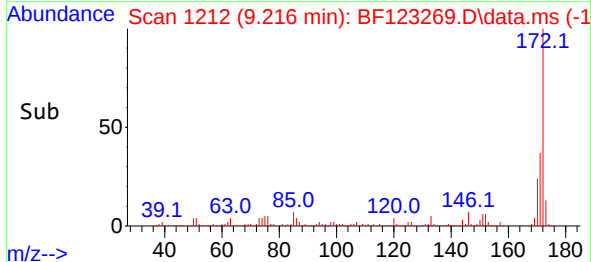
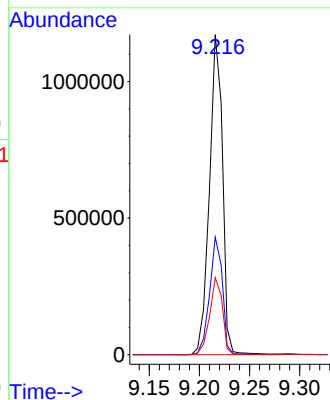
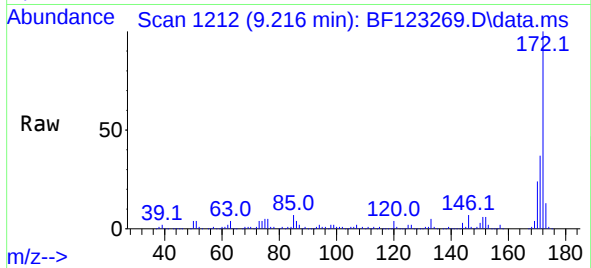
#45
2-Fluorobiphenyl
Concen: 63.91 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123269.D
Acq: 22 Feb 2021 20:53

Tgt Ion:172 Resp: 1062401
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.1 19.5 29.3

Instrument :
BNA_F
ClientSampled :
TP-3

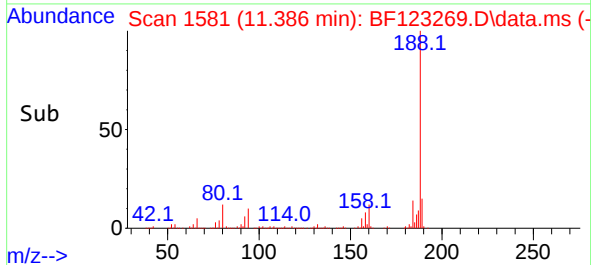
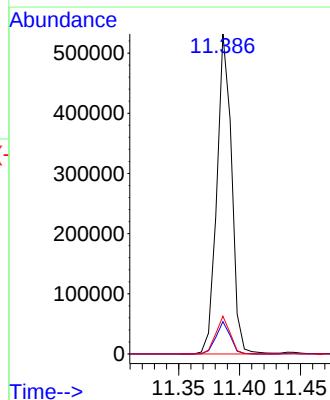
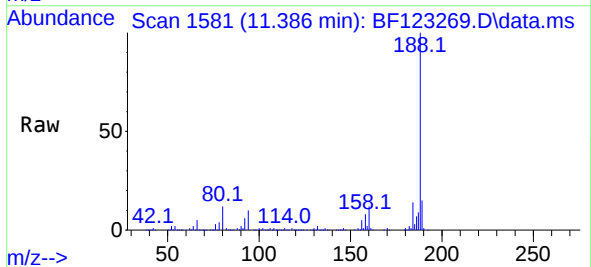
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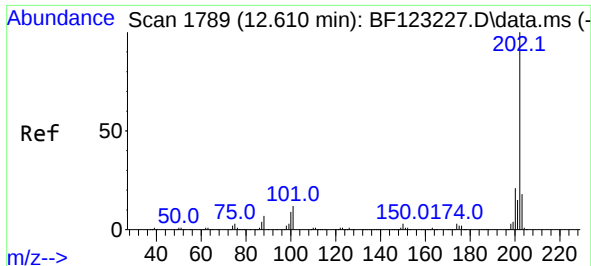
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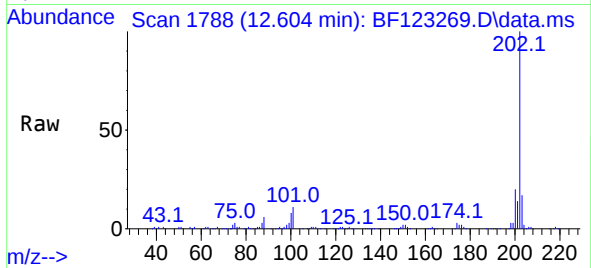
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123269.D
Acq: 22 Feb 2021 20:53

Tgt Ion:188 Resp: 448914
Ion Ratio Lower Upper
188 100
94 10.1 7.4 11.2
80 11.8 8.2 12.4

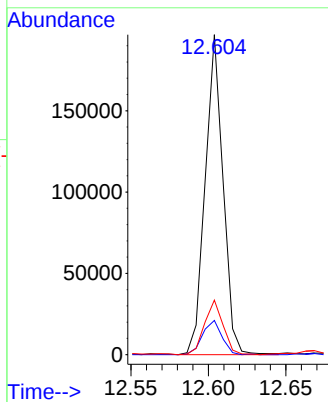
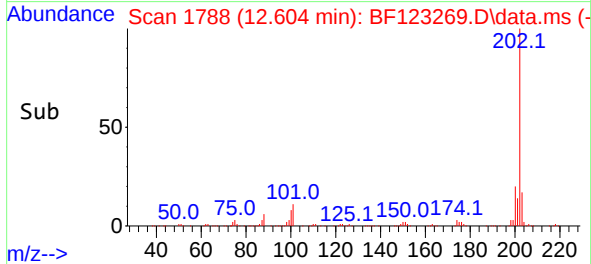




#75
Fluoranthene
Concen: 5.63 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF123269.D
Acq: 22 Feb 2021 20:53



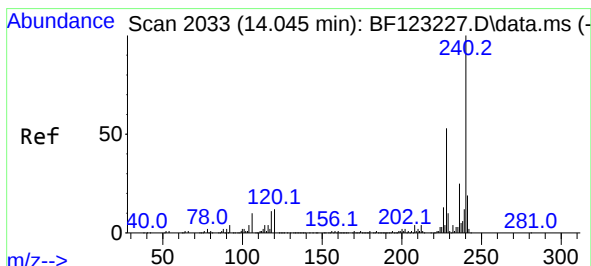
Tgt Ion: 202 Resp: 158282
Ion Ratio Lower Upper
202 100
101 10.7 0.0 32.2
203 17.0 0.0 38.1



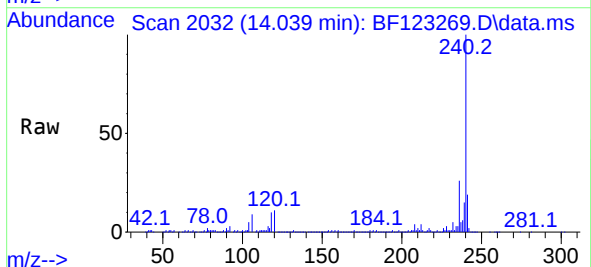
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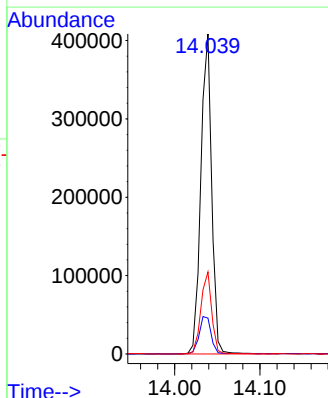
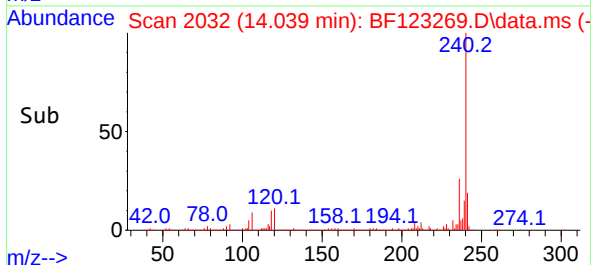
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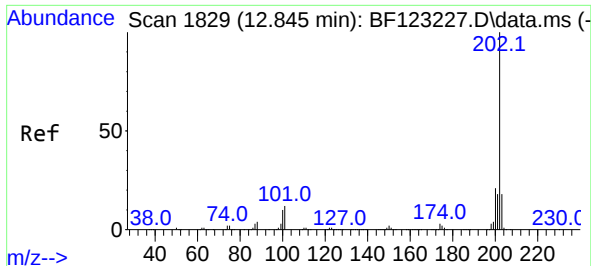


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123269.D
Acq: 22 Feb 2021 20:53



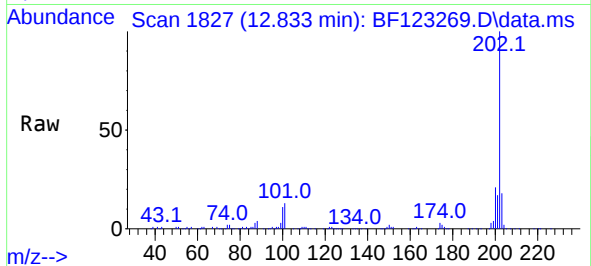
Tgt Ion: 240 Resp: 360386
Ion Ratio Lower Upper
240 100
120 11.2 8.6 12.8
236 25.7 20.3 30.5





#78
Pyrene
Concen: 5.49 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.012 min
Lab File: BF123269.D
Acq: 22 Feb 2021 20:53

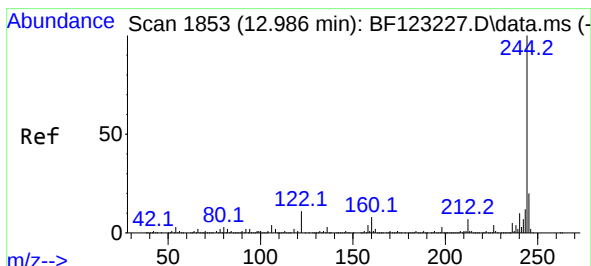
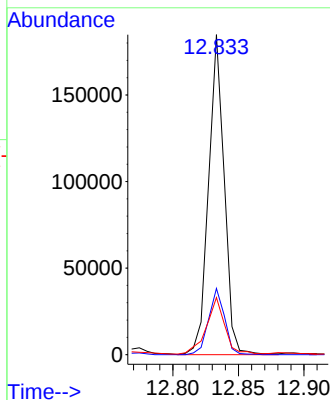
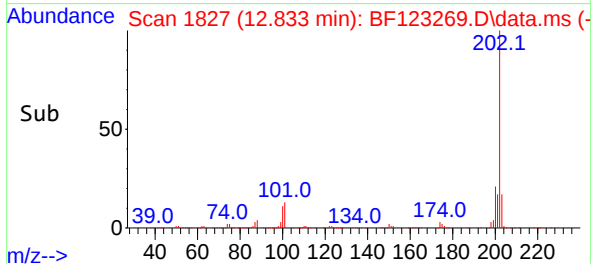
Instrument :
BNA_F
ClientSampled :
TP-3



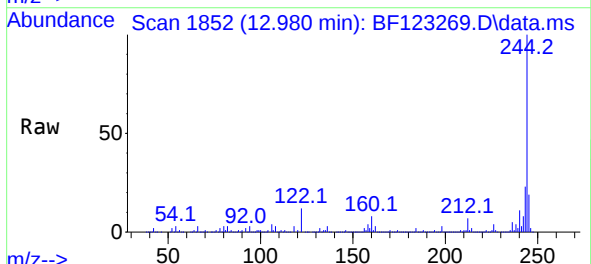
Tgt Ion:202 Resp: 154399
Ion Ratio Lower Upper
202 100
200 20.7 17.6 26.4
203 17.8 14.6 21.8

Manual Integrations
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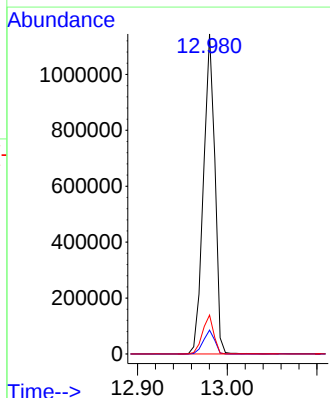
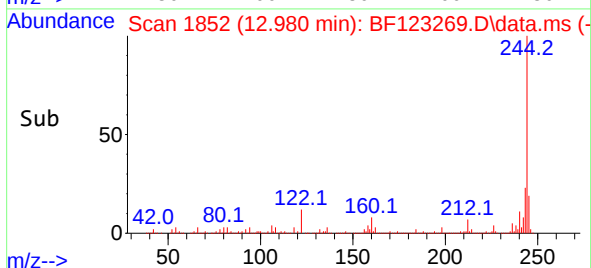
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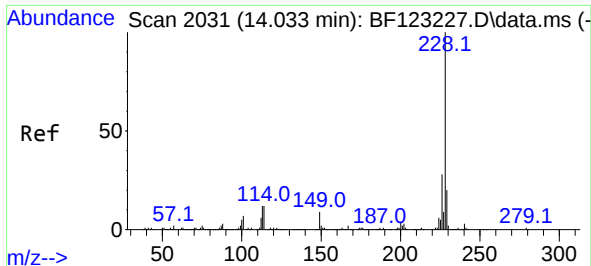


#79
Terphenyl-d14
Concen: 53.92 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF123269.D
Acq: 22 Feb 2021 20:53



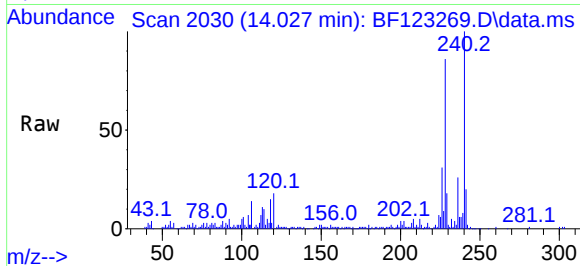
Tgt Ion:244 Resp: 1010530
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 12.2 8.3 12.5





#81
Benzo(a)anthracene
Concen: 3.34 ng m
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123269.D
Acq: 22 Feb 2021 20:53

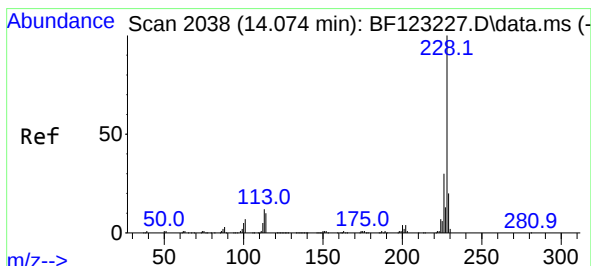
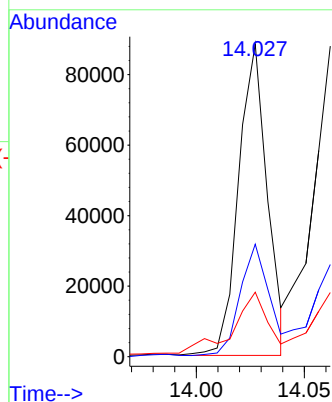
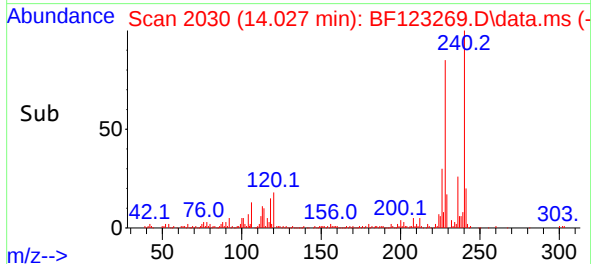
Instrument :
BNA_F
ClientSampled :
TP-3



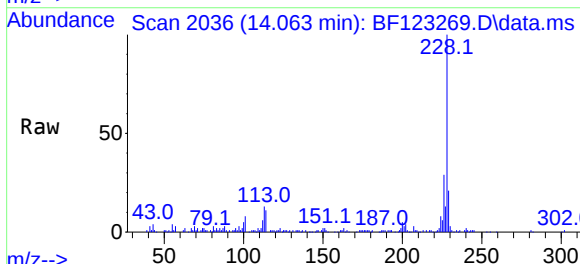
Tgt Ion:228 Resp: 81806
Ion Ratio Lower Upper
228 100
226 35.9 23.0 34.4#
229 20.6 16.6 24.8

Manual Integrations
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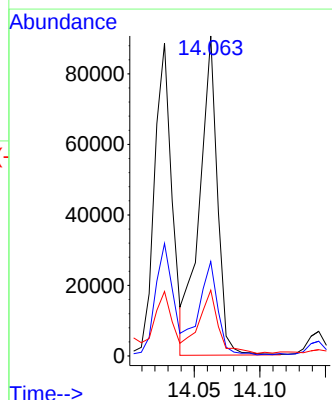
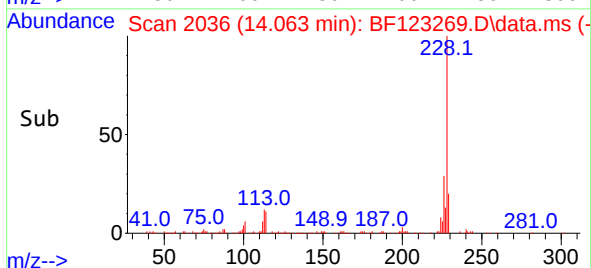
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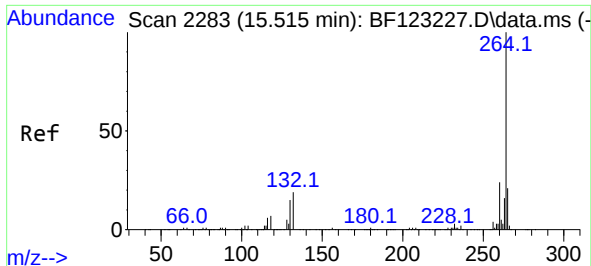


#83
Chrysene
Concen: 3.60 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF123269.D
Acq: 22 Feb 2021 20:53

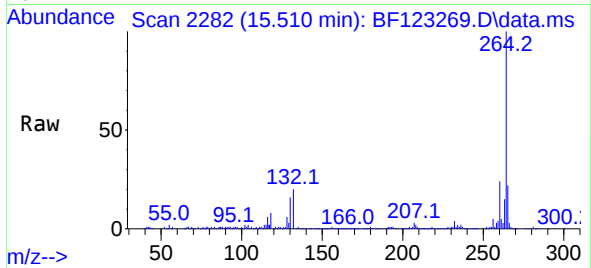


Tgt Ion:228 Resp: 86501
Ion Ratio Lower Upper
228 100
226 29.5 24.6 36.8
229 20.6 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.510 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF123269.D
Acq: 22 Feb 2021 20:53

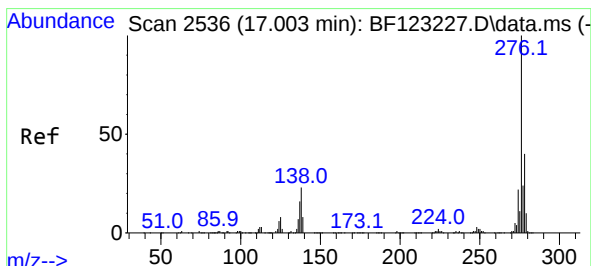
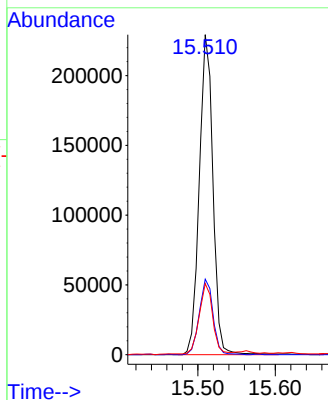
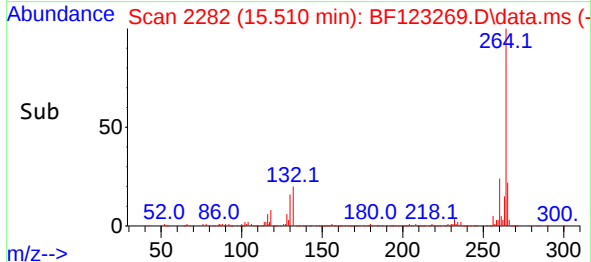


Tgt Ion:264 Resp: 280573
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 22.2 17.0 25.6

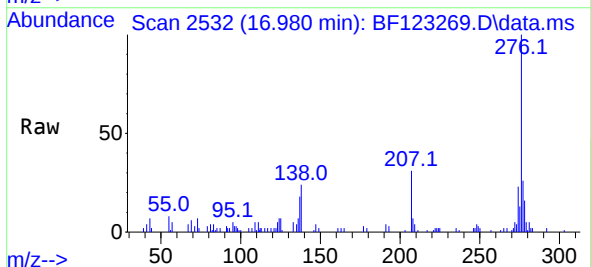
Instrument :
BNA_F
ClientSampled :
TP-3

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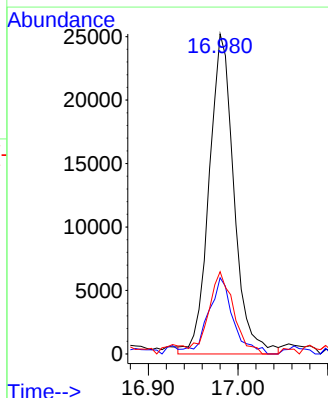
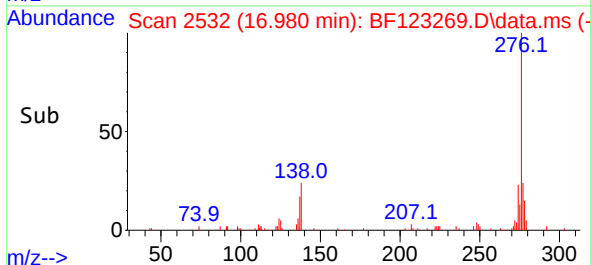
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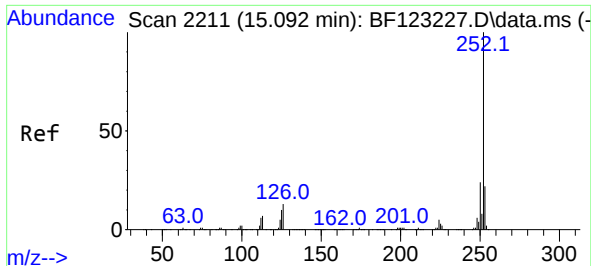


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.50 ng
RT: 16.980 min Scan# 2532
Delta R.T. -0.023 min
Lab File: BF123269.D
Acq: 22 Feb 2021 20:53



Tgt Ion:276 Resp: 48485
Ion Ratio Lower Upper
276 100
138 23.5 18.7 28.1
277 25.6 20.2 30.4





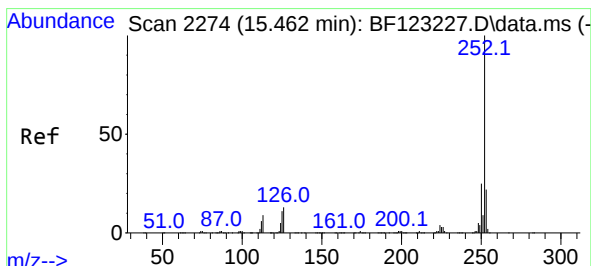
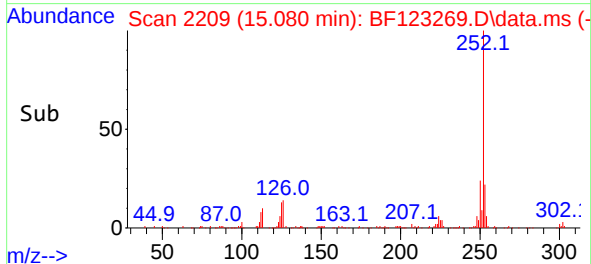
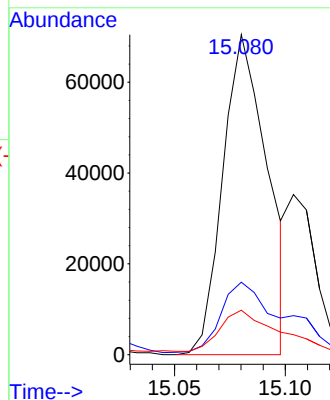
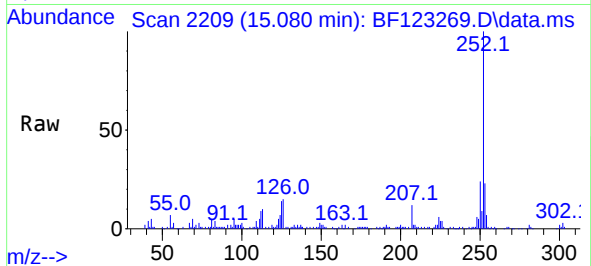
#88
Benzo(b)fluoranthene
Concen: 4.99 ng m
RT: 15.080 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BF123269.D
Acq: 22 Feb 2021 20:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.3	27.5
125	13.9	8.1	12.1#

Instrument :
BNA_F
ClientSampled :
TP-3

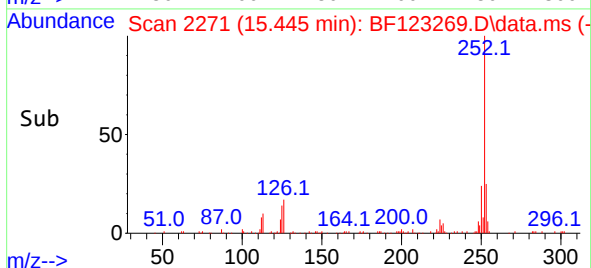
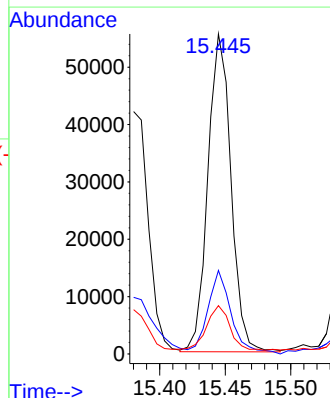
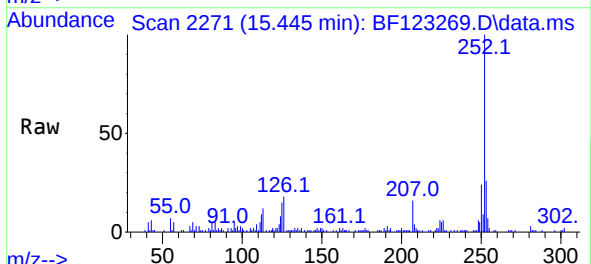
Manual Integrations
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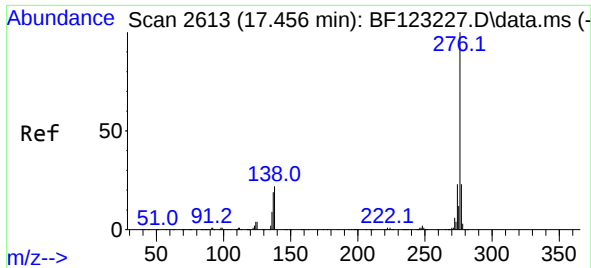
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#90
Benzo(a)pyrene
Concen: 3.87 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.018 min
Lab File: BF123269.D
Acq: 22 Feb 2021 20:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	17.5	26.3
125	15.1	8.6	12.8#





#92
Benzo(g,h,i)perylene
Concen: 3.45 ng
RT: 17.427 min Scan# 2608
Delta R.T. -0.029 min
Lab File: BF123269.D
Acq: 22 Feb 2021 20:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.6	19.3	28.9
138	22.1	16.6	24.8

Instrument :
BNA_F
ClientSampled :
TP-3

Manual Integrations
APPROVED

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