

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
 Data File : BF124066.D
 Acq On : 26 May 2021 15:43
 Operator : JU/CG
 Sample : M2517-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 METRO-SP

Manual Integrations
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Quant Time: May 26 16:07:29 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	6.893	152	52527	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	203045	20.00	ng	-0.01
39) Acenaphthene-d10	9.933	164	117423	20.00	ng	-0.01
64) Phenanthrene-d10	11.422	188	214355	20.00	ng	0.00
76) Chrysene-d12	14.063	240	117367	20.00	ng	0.00
86) Perylene-d12	15.557	264	120097	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	268253	71.70	ng	0.00
7) Phenol-d6	6.516	99	354256	73.00	ng	0.00
23) Nitrobenzene-d5	7.451	82	274047	58.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	132079	93.65	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	518107	54.30	ng	-0.01
79) Terphenyl-d14	13.010	244	511008	65.94	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.639	163	28890	3.08	ng	# 92
75) Fluoranthene	12.633	202	52669	3.74	ng	98
78) Pyrene	12.863	202	47060	4.52	ng	100
81) Benzo(a)anthracene	14.051	228	20715	2.44	ng	95
83) Chrysene	14.086	228	21803	2.67	ng	93
88) Benzo(b)fluoranthene	15.121	252	34014m	3.66	ng	
90) Benzo(a)pyrene	15.492	252	19377	2.41	ng	# 90

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

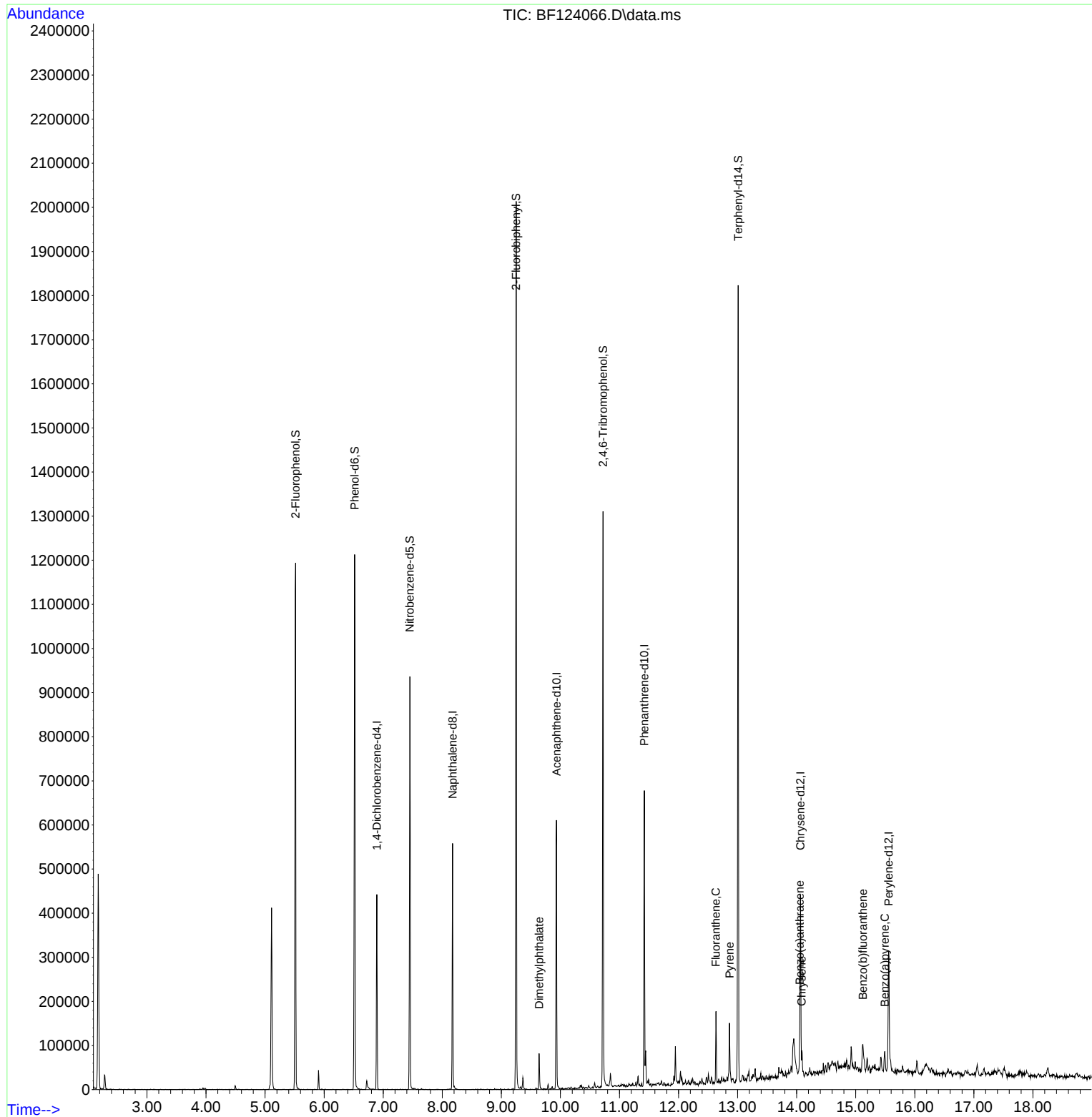
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124066.D
Acq On : 26 May 2021 15:43
Operator : JU/CG
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ALS Vial : 9 Sample Multiplier: 1

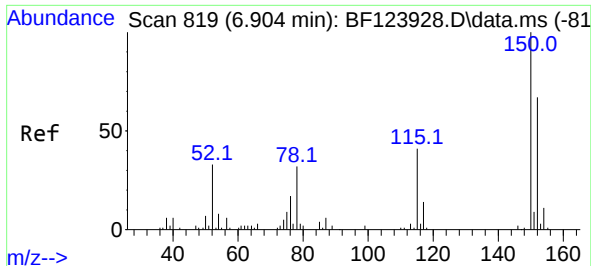
Instrument :
BNA_F
ClientSampleId :
METRO-SP

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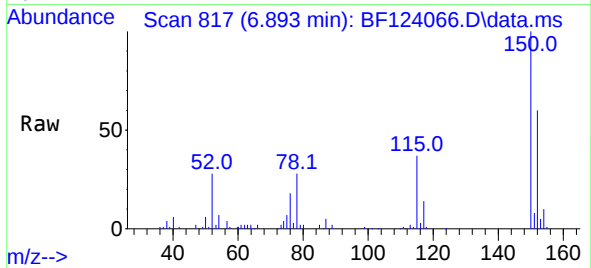
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Quant Time: May 26 16:07:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

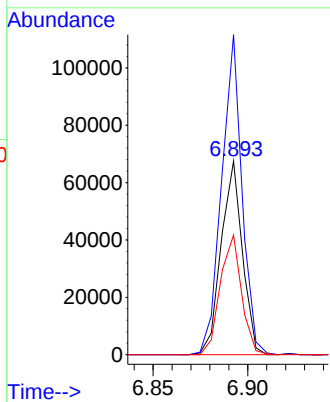
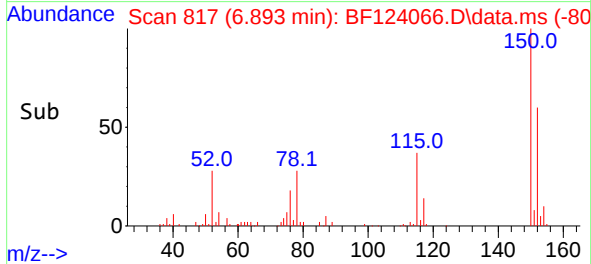




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.011 min
Lab File: BF124066.D
Acq: 26 May 2021 15:43



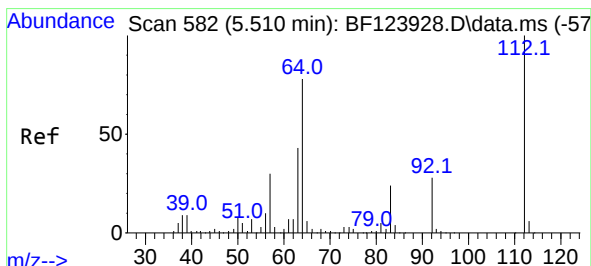
Tgt Ion:152 Resp: 52527
Ion Ratio Lower Upper
152 100
150 165.3 127.0 190.6
115 61.9 54.3 81.5



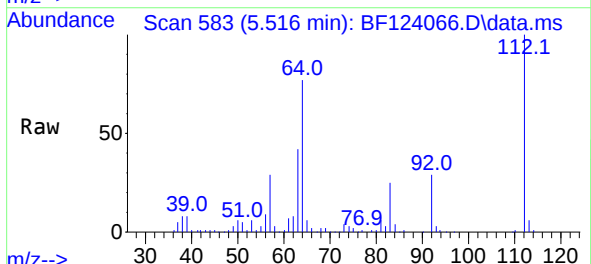
Instrument :
BNA_F
ClientSampled :
METRO-SP

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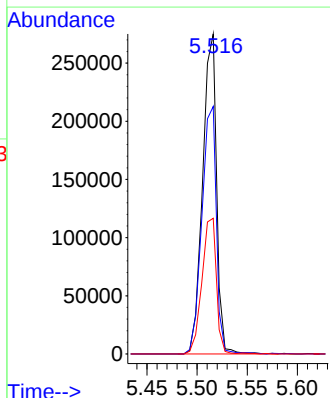
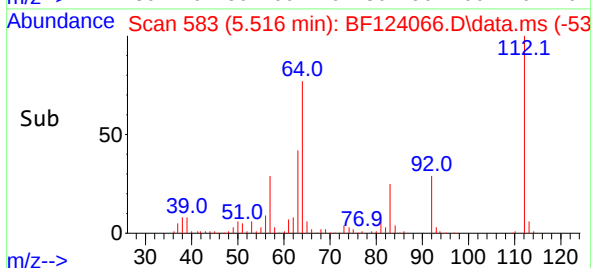
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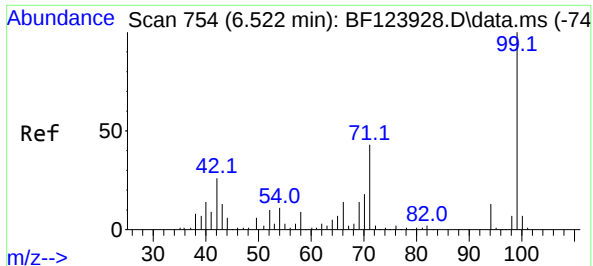


#5
2-Fluorophenol
Concen: 71.70 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF124066.D
Acq: 26 May 2021 15:43



Tgt Ion:112 Resp: 268253
Ion Ratio Lower Upper
112 100
64 77.3 61.4 92.0
63 42.4 33.0 49.4





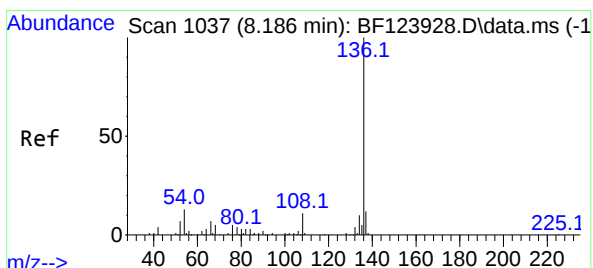
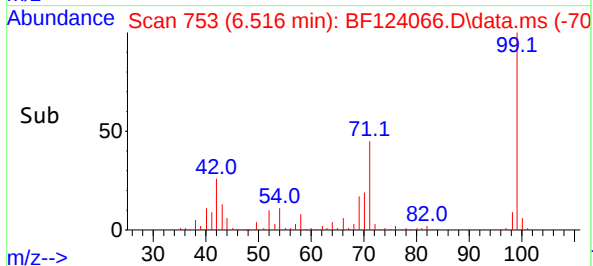
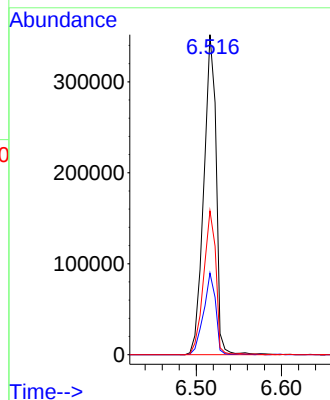
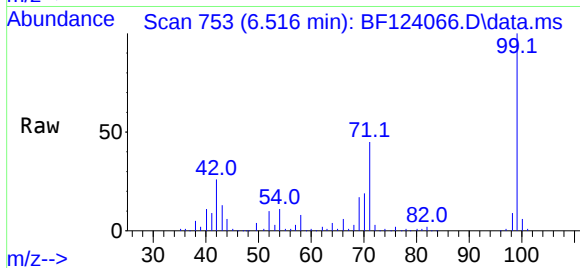
#7
Phenol-d6
Concen: 73.00 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF124066.D
Acq: 26 May 2021 15:43

Tgt Ion: 99 Resp: 354256
Ion Ratio Lower Upper
99 100
42 25.5 19.8 29.8
71 44.9 31.1 46.7

Instrument :
BNA_F
ClientSampled :
METRO-SP

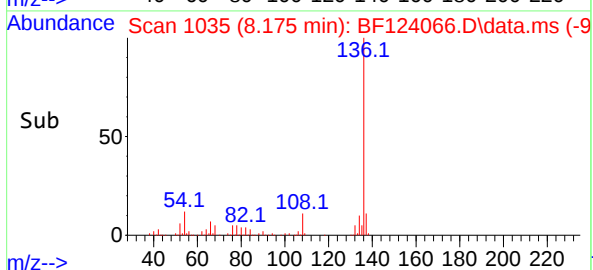
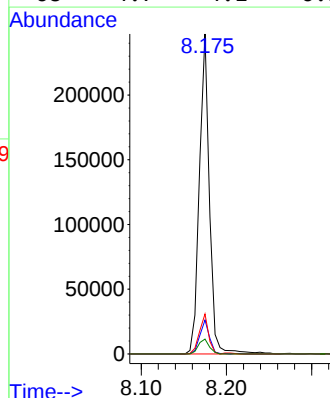
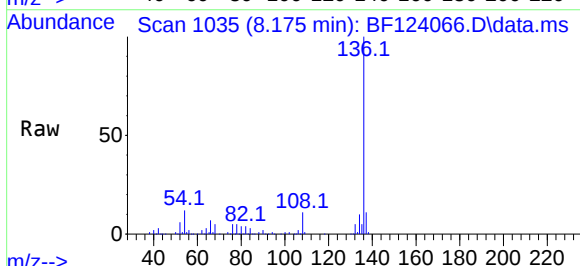
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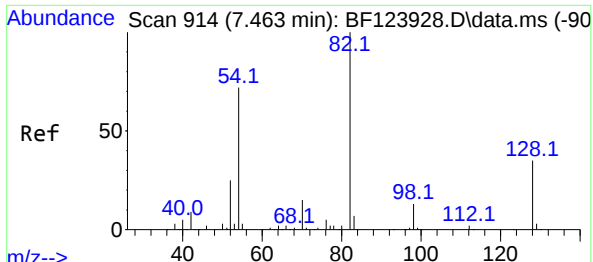
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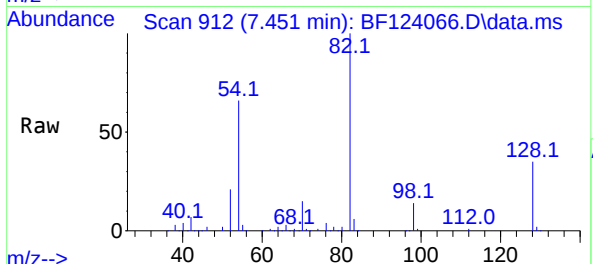
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124066.D
Acq: 26 May 2021 15:43

Tgt Ion: 136 Resp: 203045
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 12.5 9.8 14.6
68 4.7 4.1 6.1

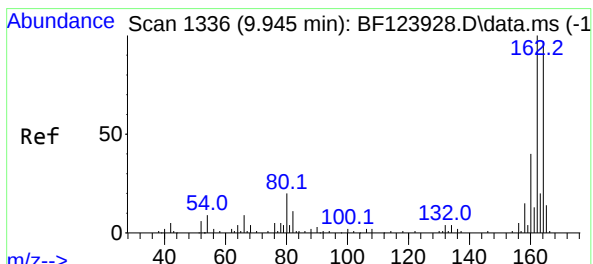
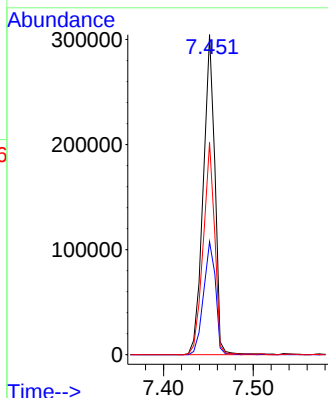
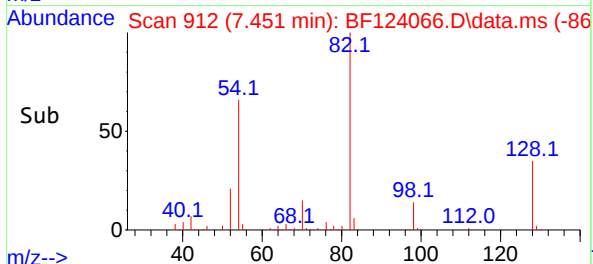




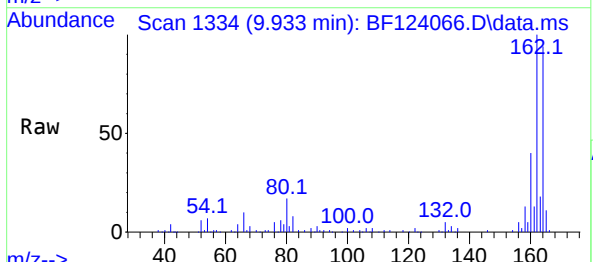
#23
Nitrobenzene-d5
Concen: 58.15 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF124066.D
Acq: 26 May 2021 15:43



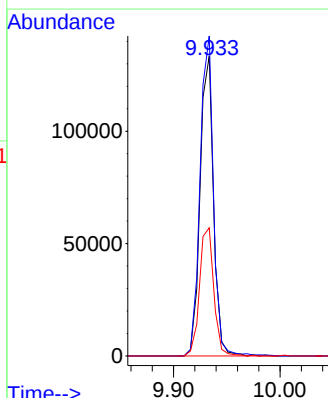
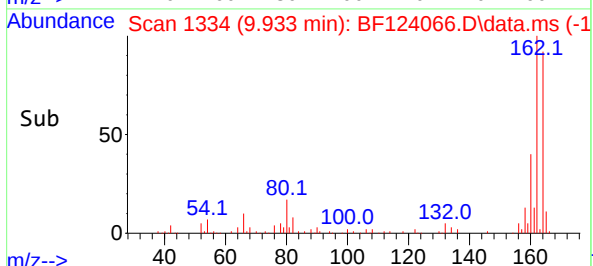
Tgt Ion: 82 Resp: 274047
Ion Ratio Lower Upper
82 100
128 35.3 29.4 44.2
54 66.3 54.1 81.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF124066.D
Acq: 26 May 2021 15:43



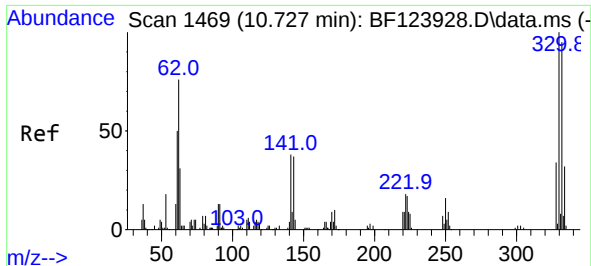
Tgt Ion: 164 Resp: 117423
Ion Ratio Lower Upper
164 100
162 106.7 80.7 121.1
160 42.7 37.3 55.9



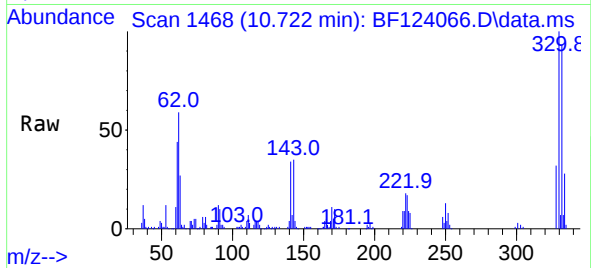
Instrument :
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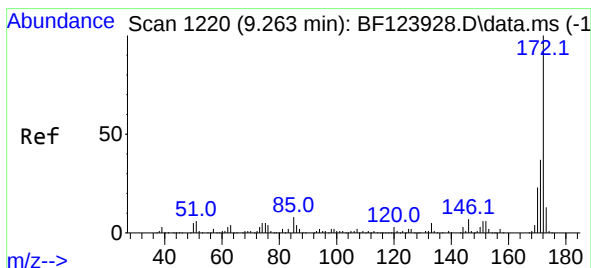
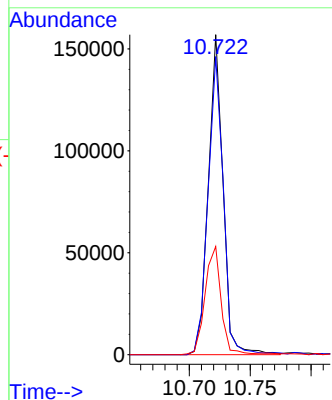
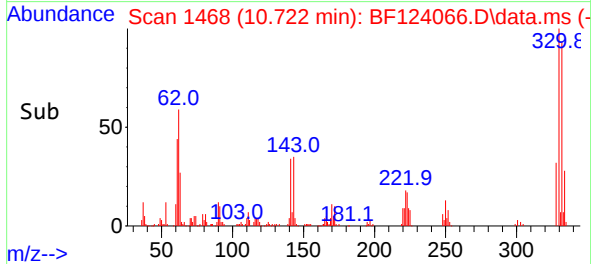
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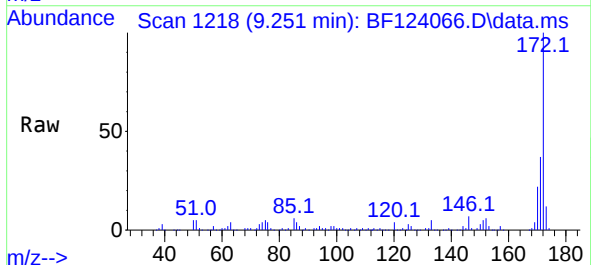
#42
2,4,6-Tribromophenol
Concen: 93.65 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124066.D
Acq: 26 May 2021 15:43



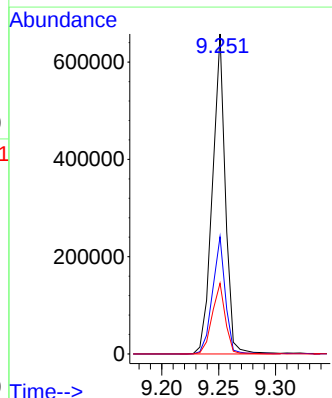
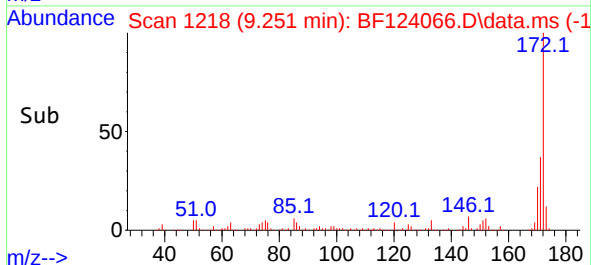
Tgt Ion: 330 Resp: 132079
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 37.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 54.30 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124066.D
Acq: 26 May 2021 15:43



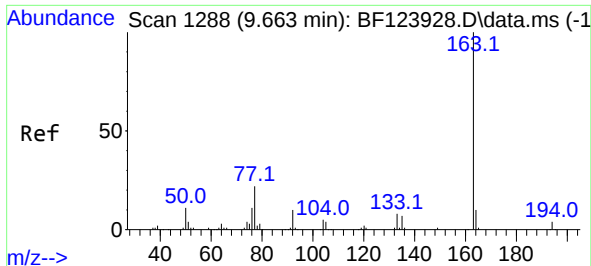
Tgt Ion: 172 Resp: 518107
Ion Ratio Lower Upper
172 100
171 36.7 28.1 42.1
170 22.1 19.2 28.8



Instrument :
BNA_F
ClientSampled :
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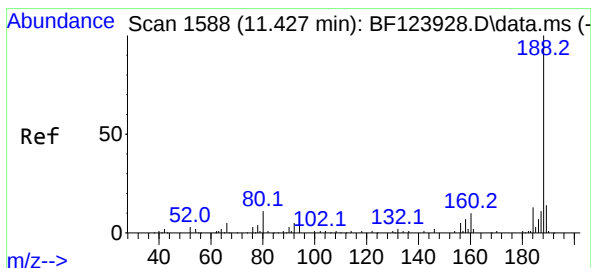
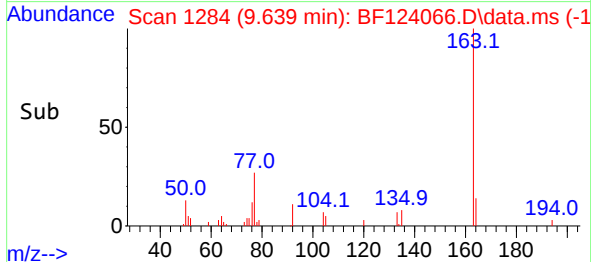
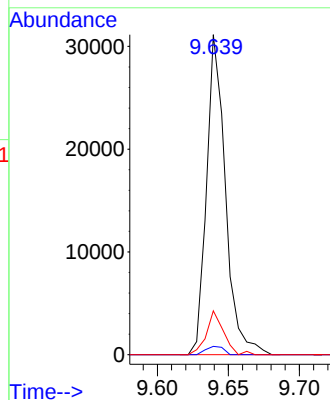
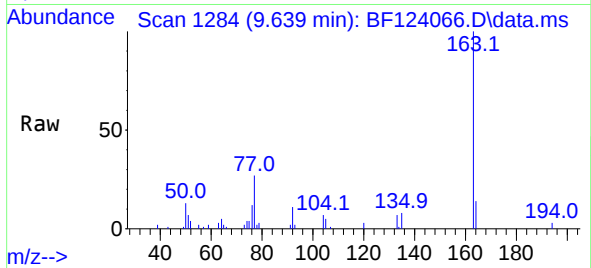
#50
Dimethylphthalate
Concen: 3.08 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.023 min
Lab File: BF124066.D
Acq: 26 May 2021 15:43

Tgt Ion:163 Resp: 28890
Ion Ratio Lower Upper
163 100
194 2.6 3.1 4.7#
164 13.7 8.2 12.2#

Instrument :
BNA_F
ClientSampleId :
METRO-SP

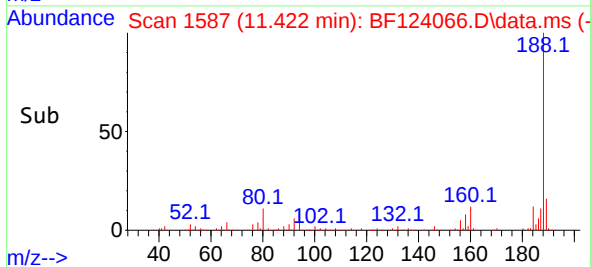
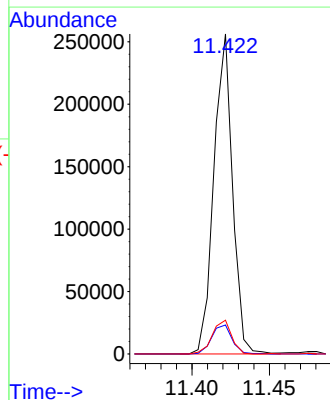
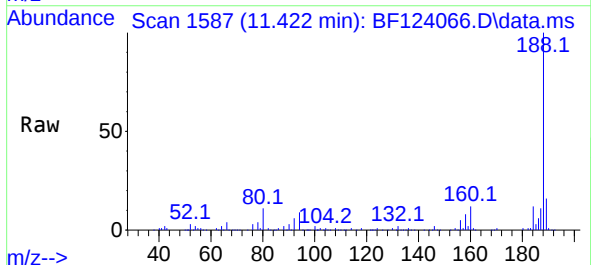
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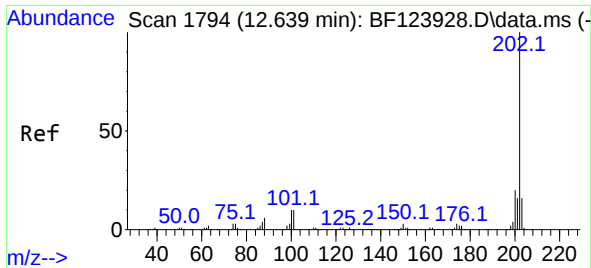
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.005 min
Lab File: BF124066.D
Acq: 26 May 2021 15:43

Tgt Ion:188 Resp: 214355
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 10.6 8.2 12.2





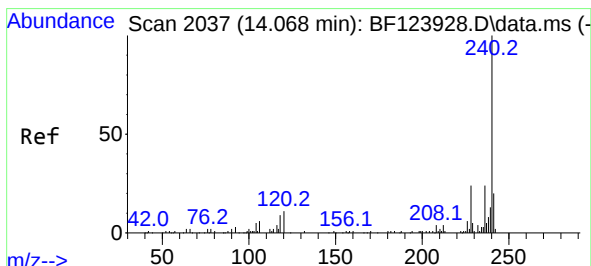
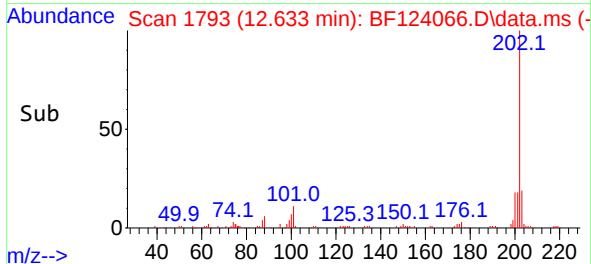
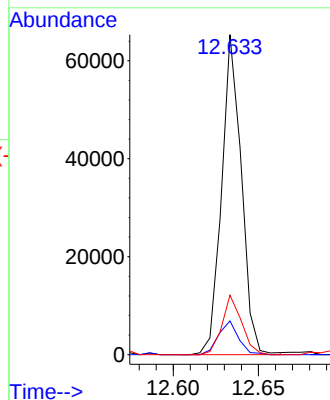
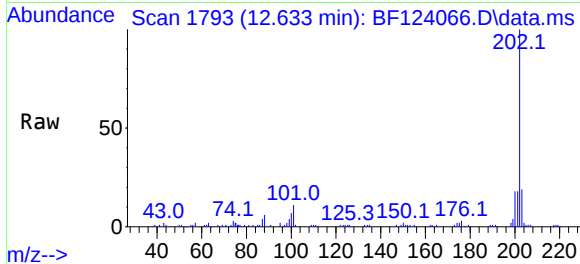
#75
Fluoranthene
Concen: 3.74 ng
RT: 12.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BF124066.D
Acq: 26 May 2021 15:43

Tgt Ion:	202	Resp:	52669
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	30.9
203	18.6	0.0	37.5

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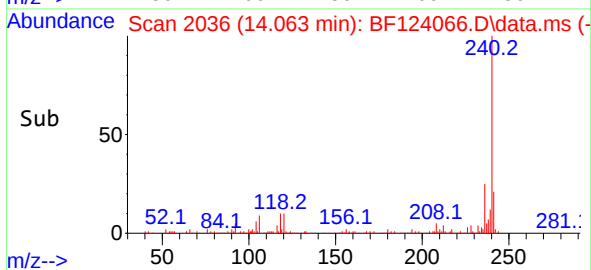
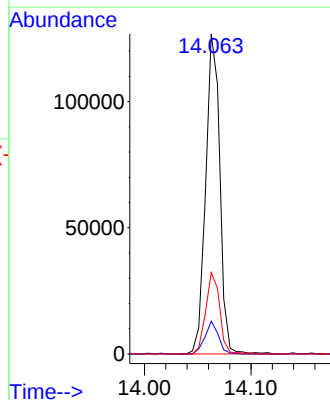
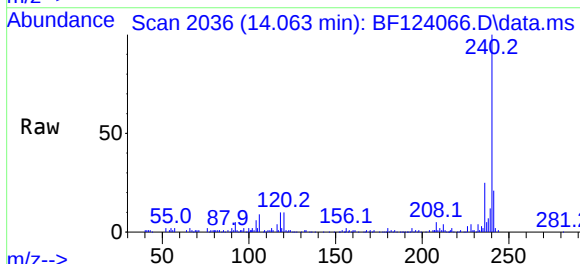
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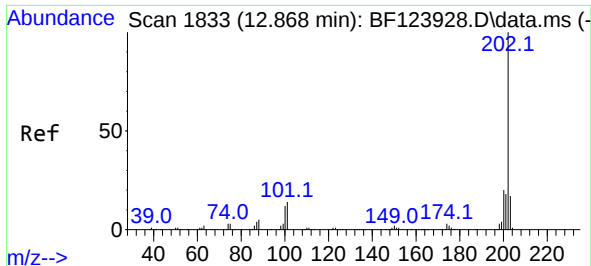
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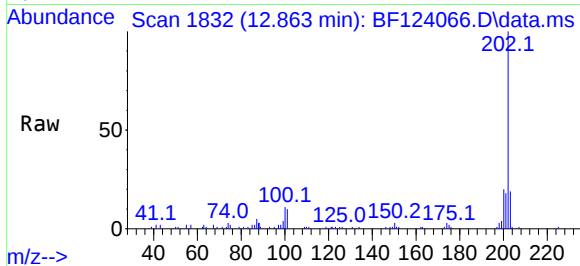
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124066.D
Acq: 26 May 2021 15:43

Tgt Ion:	240	Resp:	117367
Ion Ratio	Lower	Upper	
240	100		
120	10.3	7.2	10.8
236	25.5	19.0	28.4

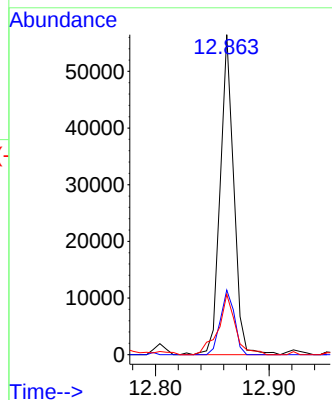
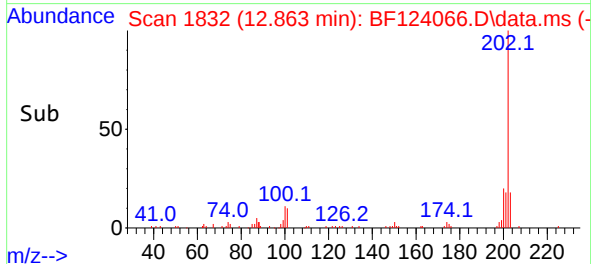




#78
Pyrene
Concen: 4.52 ng
RT: 12.863 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BF124066.D
Acq: 26 May 2021 15:43



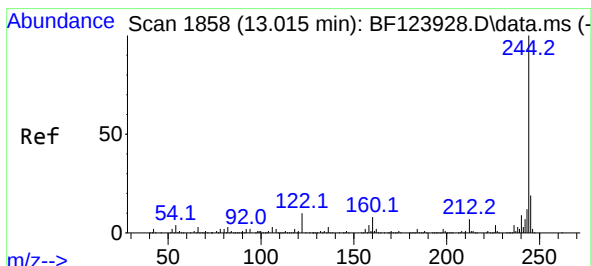
Tgt Ion:202 Resp: 47060
Ion Ratio Lower Upper
202 100
200 20.2 16.1 24.1
203 18.8 14.8 22.2



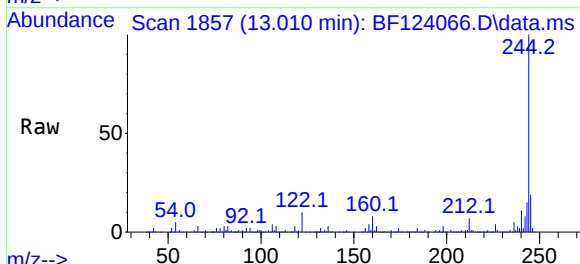
Instrument :
BNA_F
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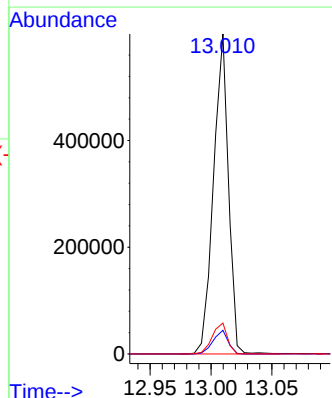
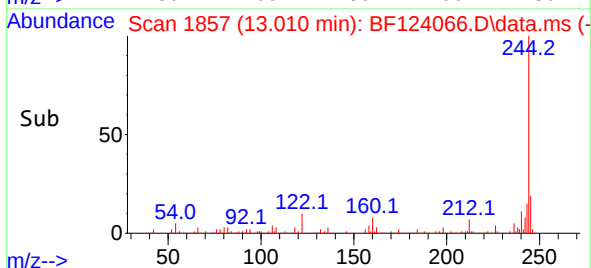
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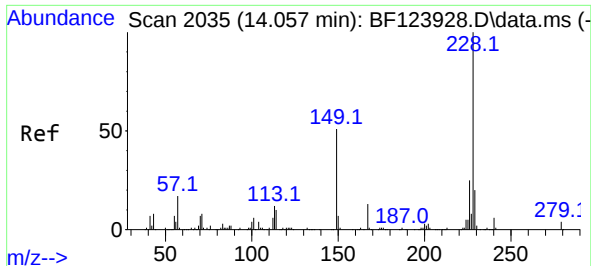


#79
Terphenyl-d14
Concen: 65.94 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF124066.D
Acq: 26 May 2021 15:43



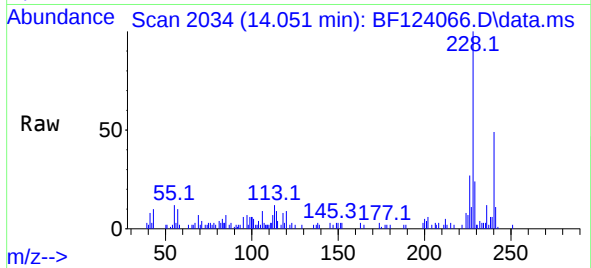
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Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 9.7 9.7 14.5#



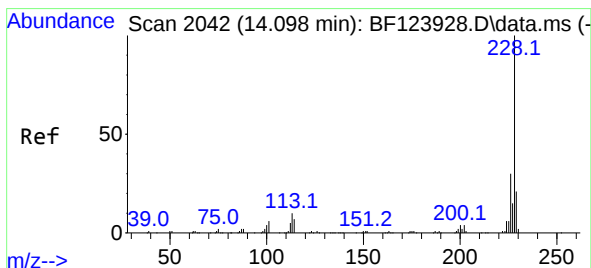
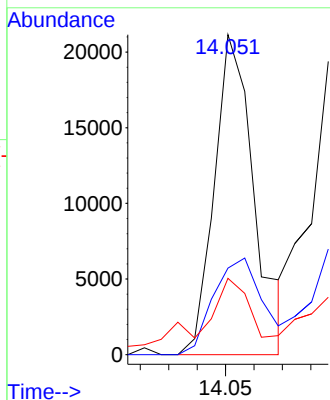
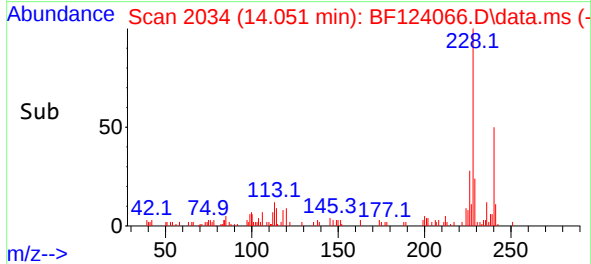


#81
Benzo(a)anthracene
Concen: 2.44 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF124066.D
Acq: 26 May 2021 15:43

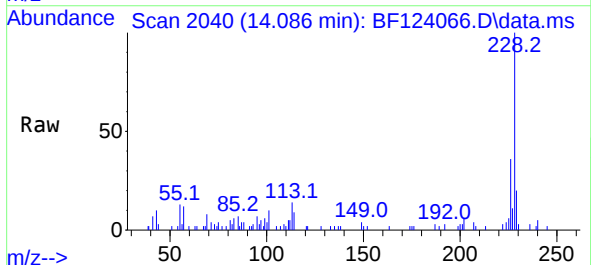
Instrument :
BNA_F
ClientSampled :
METRO-SP



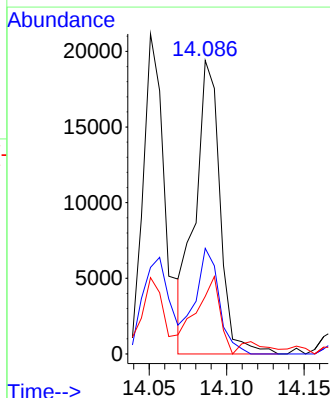
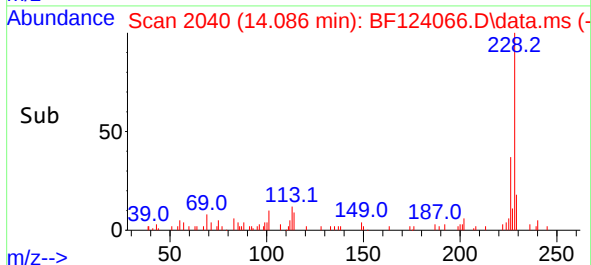
Tgt Ion:228 Resp: 20715
Ion Ratio Lower Upper
228 100
226 27.0 22.4 33.6
229 23.9 16.0 24.0

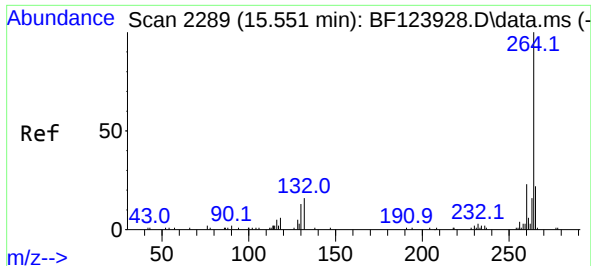


#83
Chrysene
Concen: 2.67 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BF124066.D
Acq: 26 May 2021 15:43



Tgt Ion:228 Resp: 21803
Ion Ratio Lower Upper
228 100
226 36.0 24.3 36.5
229 19.6 16.2 24.2





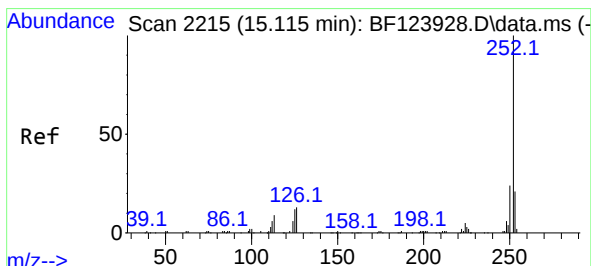
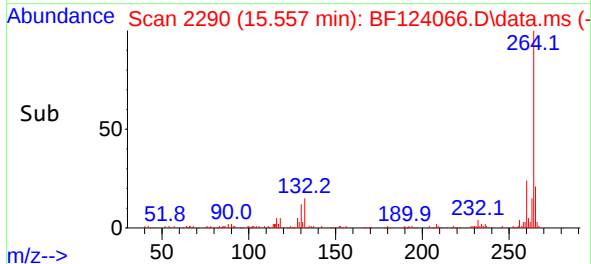
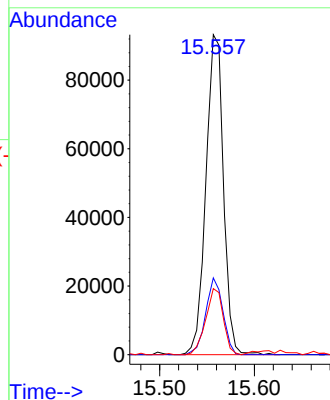
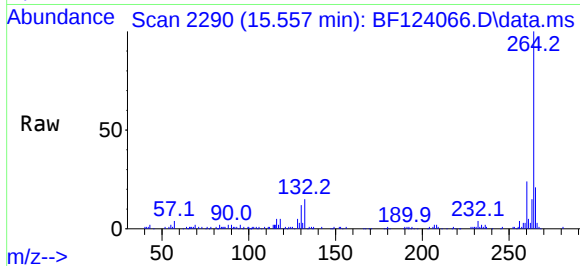
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.006 min
Lab File: BF124066.D
Acq: 26 May 2021 15:43

Tgt Ion:264 Resp: 120097
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 20.7 17.8 26.8

Instrument :
BNA_F
ClientSampled :
METRO-SP

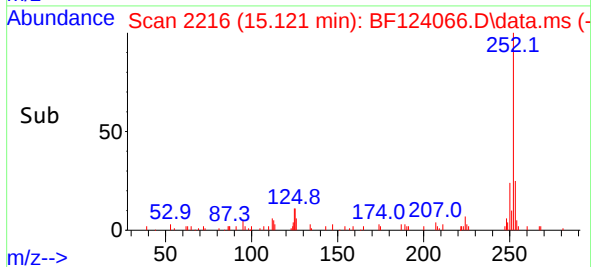
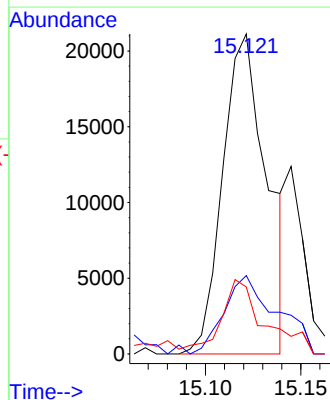
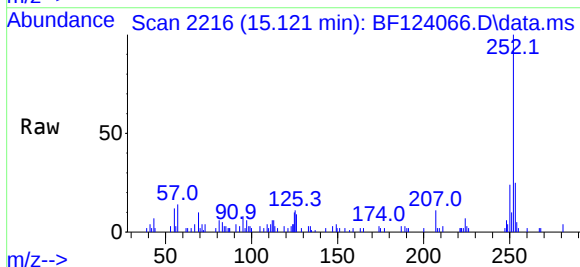
Manual Integrations
APPROVED

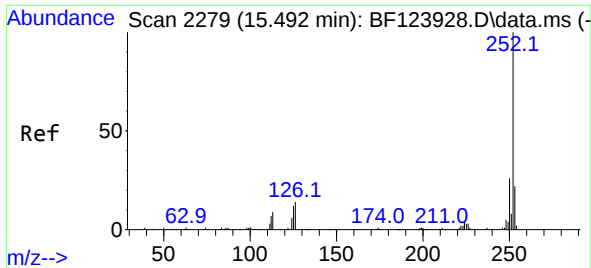
mohammad
5/27/2021 1:48:55 PM



#88
Benzo(b)fluoranthene
Concen: 3.66 ng m
RT: 15.121 min Scan# 2216
Delta R.T. 0.006 min
Lab File: BF124066.D
Acq: 26 May 2021 15:43

Tgt Ion:252 Resp: 34014
Ion Ratio Lower Upper
252 100
253 24.5 18.1 27.1
125 10.5 6.2 9.4#





#90
Benzo(a)pyrene
Concen: 2.41 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF124066.D
Acq: 26 May 2021 15:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.3	18.4	27.6#
125	11.3	8.0	12.0

Instrument :
BNA_F
ClientSampleId :
METRO-SP

Manual Integrations
APPROVED

mohammad
5/27/2021 1:48:55 PM

