

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
 Data File : BF124881.D
 Acq On : 30 Jul 2021 17:52
 Operator : JU/CG
 Sample : M3238-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 221

Manual Integrations
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Quant Time: Jul 31 00:07:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6425	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	25915	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	15855	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	28347	20.000	ng	0.00
76) Chrysene-d12	14.039	240	14759	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	12928	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	42047	110.805	ng	0.00
7) Phenol-d6	6.498	99	53247	111.929	ng	0.00
23) Nitrobenzene-d5	7.434	82	36801	84.519	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	16450	120.840	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	79347	73.504	ng	0.00
79) Terphenyl-d14	12.986	244	81670	94.854	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.421	178	7590	4.978	ng	# 94
75) Fluoranthene	12.610	202	10516	6.759	ng	98
78) Pyrene	12.839	202	8163m	6.986	ng	
81) Benzo(a)anthracene	14.027	228	2728	2.828	ng	99
83) Chrysene	14.062	228	2856	3.073	ng	97
84) Bis(2-ethylhexyl)phtha...	14.015	149	51872	62.927	ng	# 99
88) Benzo(b)fluoranthene	15.080	252	3169m	3.482	ng	
90) Benzo(a)pyrene	15.451	252	1844	2.425	ng	# 86

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

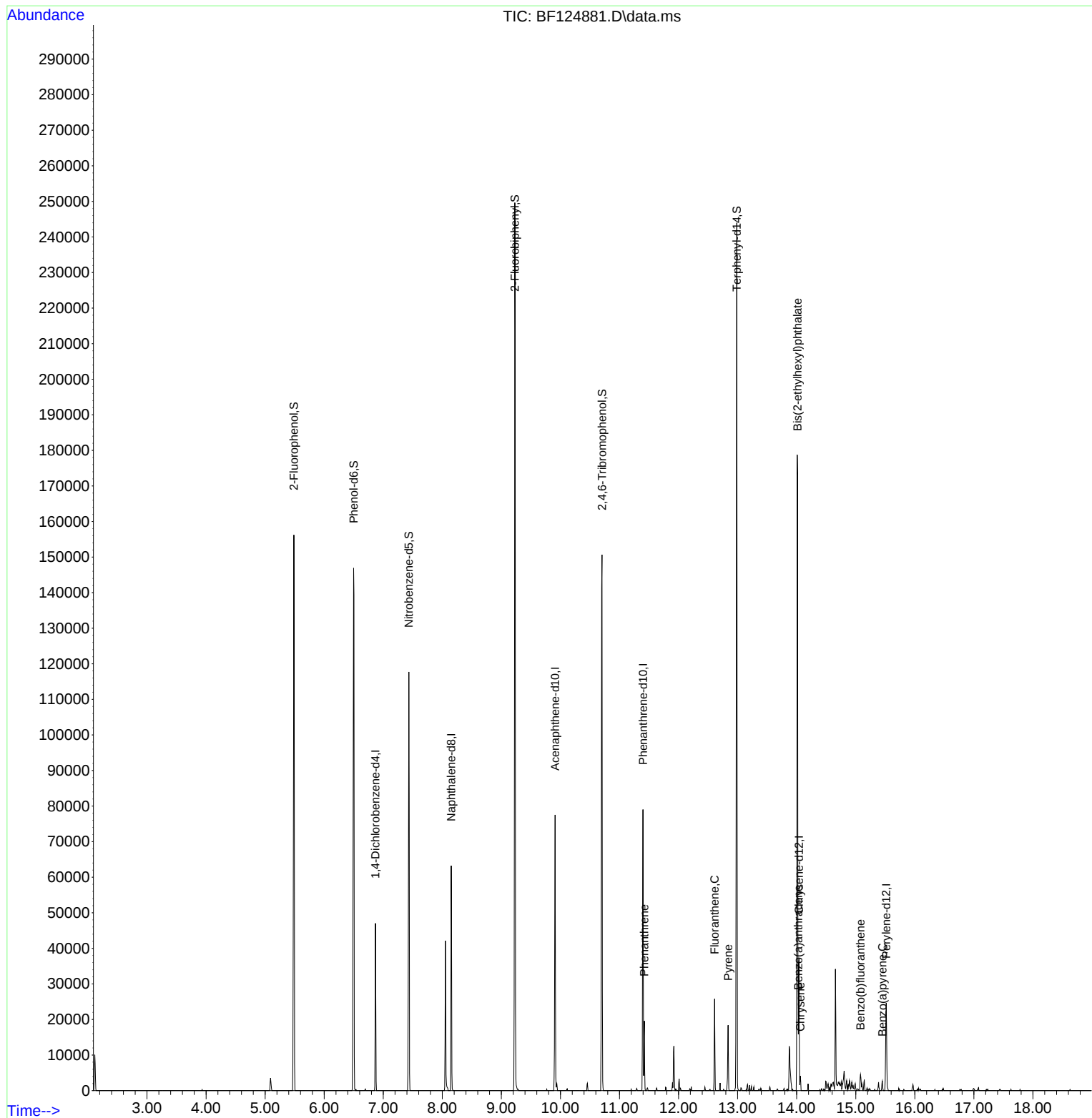
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124881.D
Acq On : 30 Jul 2021 17:52
Operator : JU/CG
Sample : M3238-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

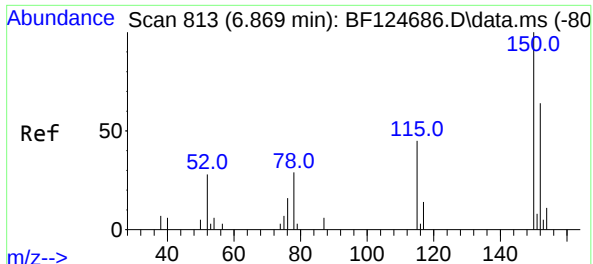
Instrument :
BNA_F
ClientSampleId :
221

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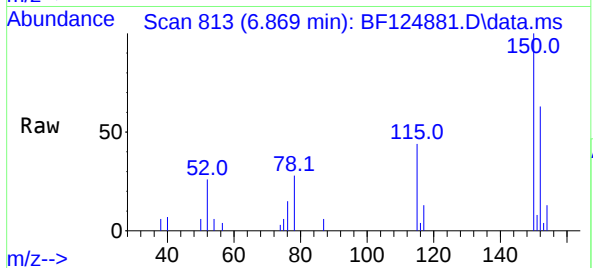
Quant Time: Jul 31 00:07:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124881.D
Acq: 30 Jul 2021 17:52

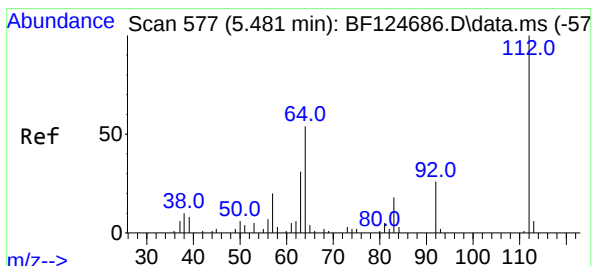
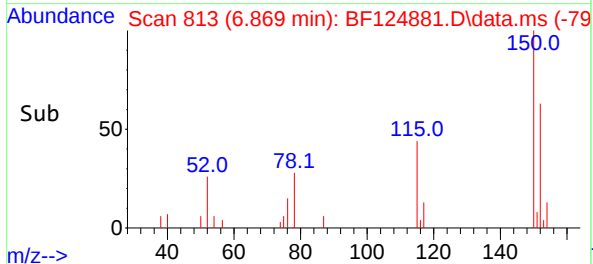
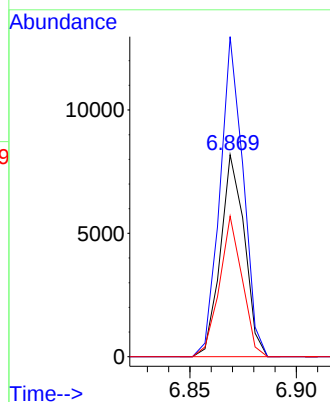
Instrument :
BNA_F
ClientSampled :
221



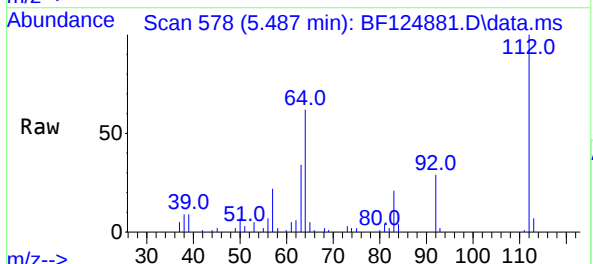
Tgt Ion:152 Resp: 6425
Ion Ratio Lower Upper
152 100
150 158.5 117.6 176.4
115 69.6 47.1 70.7

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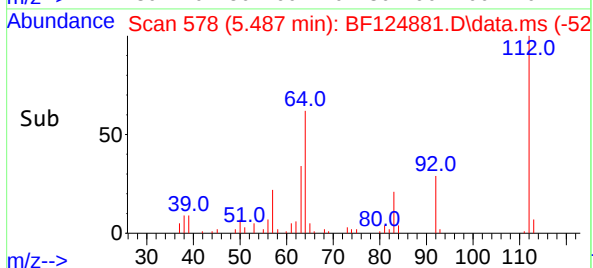
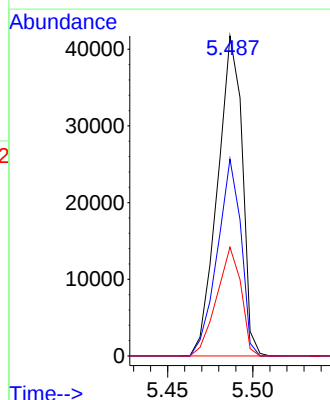
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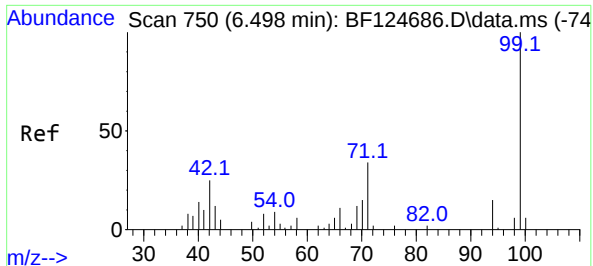


#5
2-Fluorophenol
Concen: 110.805 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124881.D
Acq: 30 Jul 2021 17:52



Tgt Ion:112 Resp: 42047
Ion Ratio Lower Upper
112 100
64 61.5 44.2 66.2
63 34.0 26.2 39.2





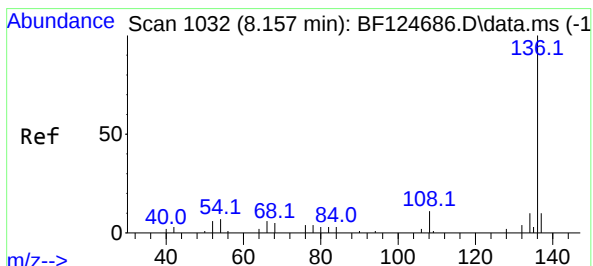
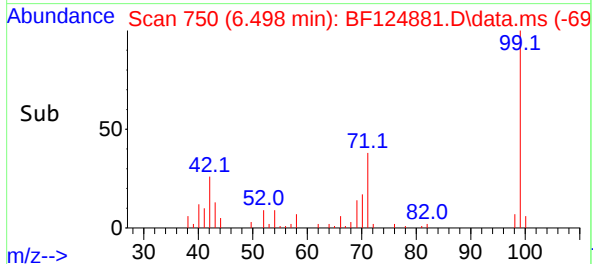
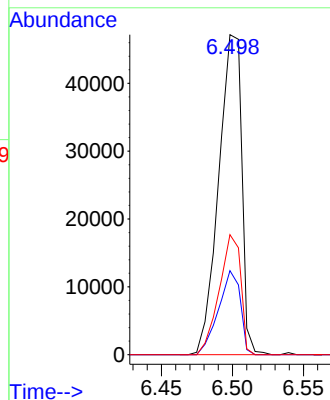
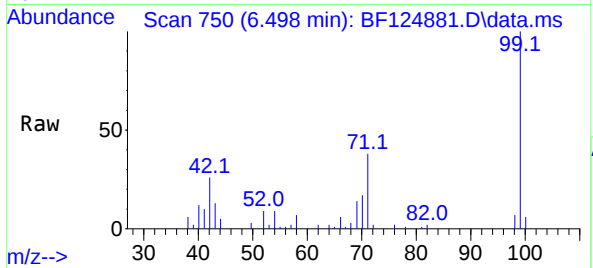
#7
Phenol-d6
Concen: 111.929 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF124881.D
Acq: 30 Jul 2021 17:52

Tgt Ion: 99	Resp: 53247
Ion Ratio	Lower Upper
99 100	
42 26.3	23.5 35.3
71 37.5	25.6 38.4

Instrument :
BNA_F
ClientSampled :
221

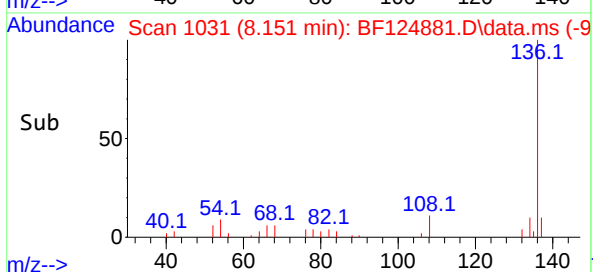
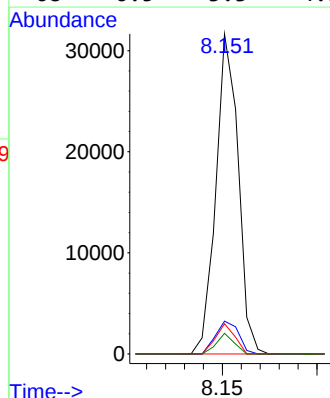
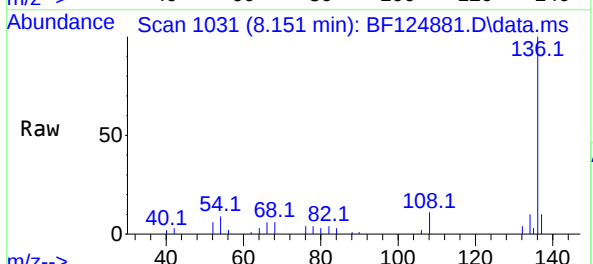
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124881.D
Acq: 30 Jul 2021 17:52

Tgt	Ion:136	Resp:	25915
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.8	14.6
54	9.5	6.4	9.6
68	6.5	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 84.519 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF124881.D

Acq: 30 Jul 2021 17:52

Tgt Ion:	82	Resp:	36801
Ion Ratio	Lower	Upper	
82	100		
128	42.0	40.6	60.8
54	57.4	49.6	74.4

Instrument :

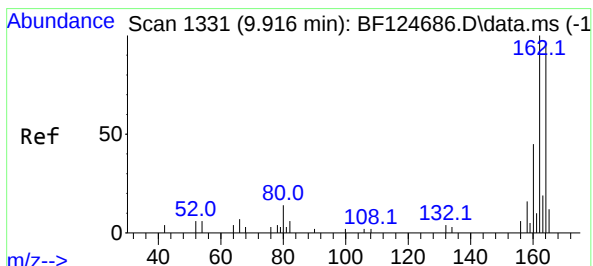
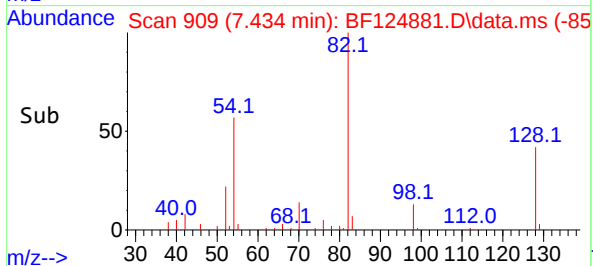
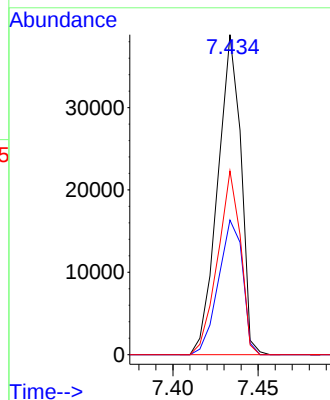
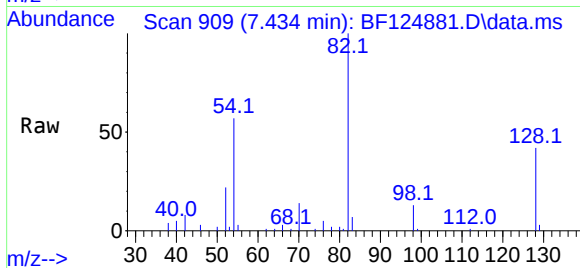
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ClientSampled :

221

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#39

Acenaphthene-d10

Concen: 20.000 ng

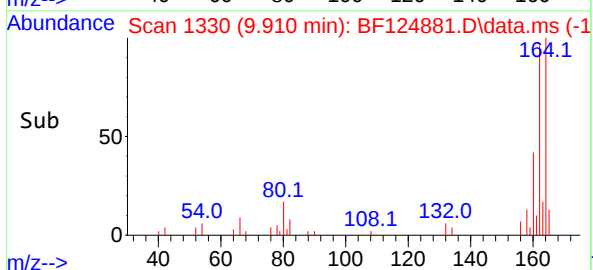
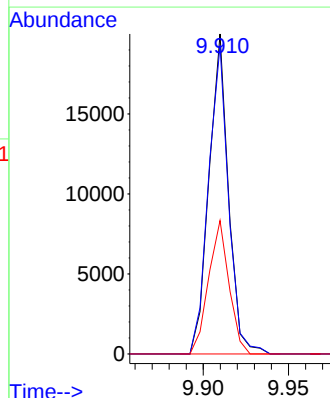
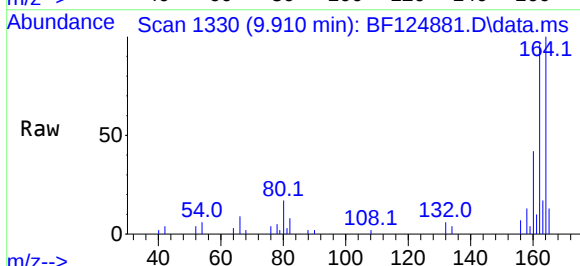
RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF124881.D

Acq: 30 Jul 2021 17:52

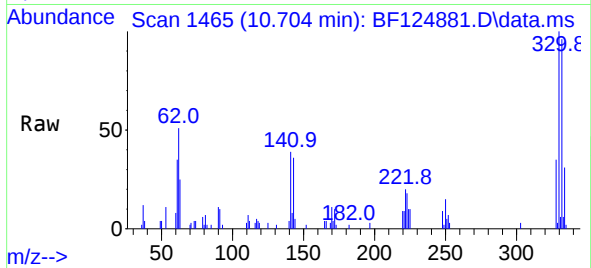
Tgt Ion:	164	Resp:	15855
Ion Ratio	Lower	Upper	
164	100		
162	96.4	81.3	121.9
160	41.7	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 120.840 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124881.D
Acq: 30 Jul 2021 17:52

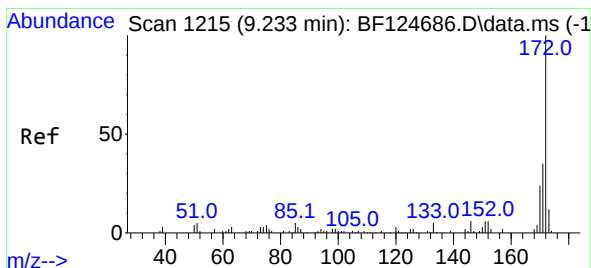
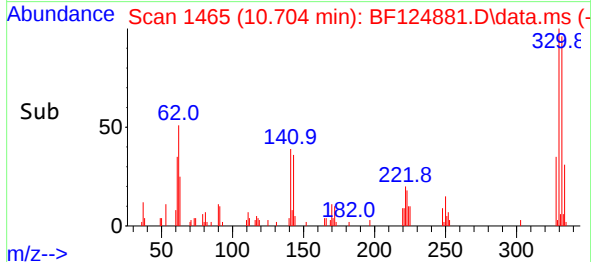
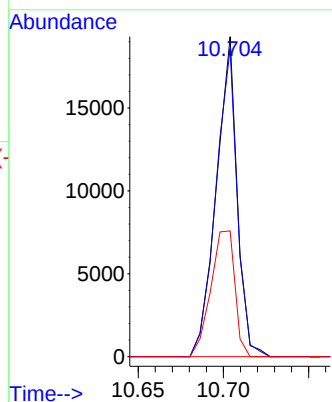
Instrument :
BNA_F
ClientSampled :
221



Tgt Ion:330 Resp: 16450
Ion Ratio Lower Upper
330 100
332 98.5 76.2 114.4
141 45.2 44.6 66.8

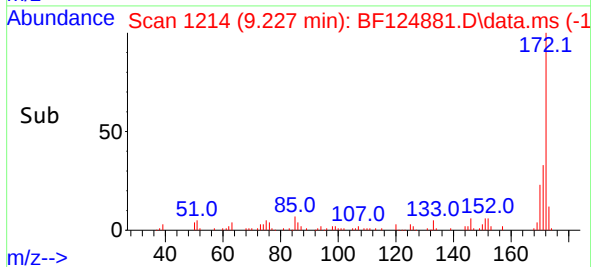
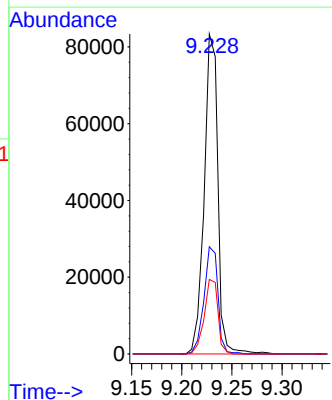
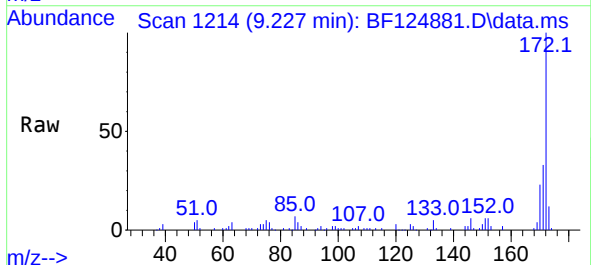
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#45
2-Fluorobiphenyl
Concen: 73.504 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124881.D
Acq: 30 Jul 2021 17:52

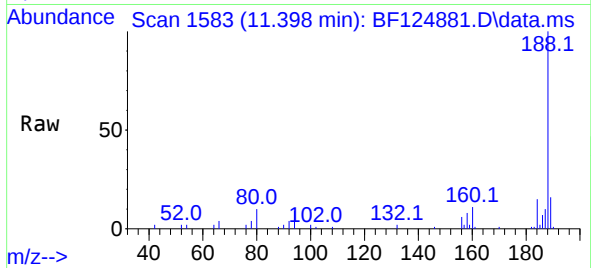
Tgt Ion:172 Resp: 79347
Ion Ratio Lower Upper
172 100
171 33.5 26.5 39.7
170 23.3 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124881.D
Acq: 30 Jul 2021 17:52

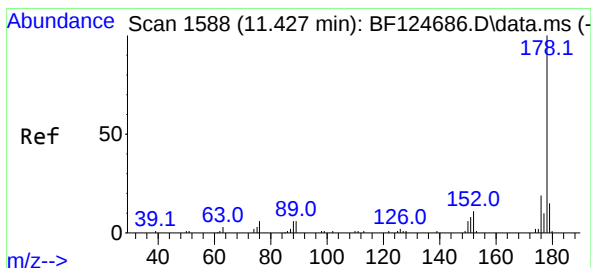
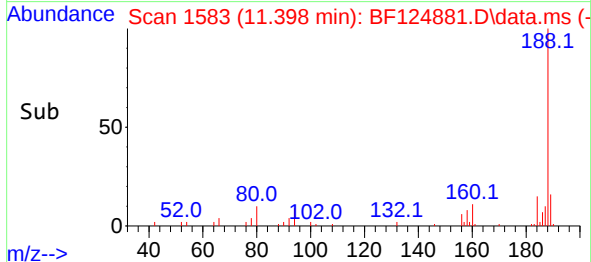
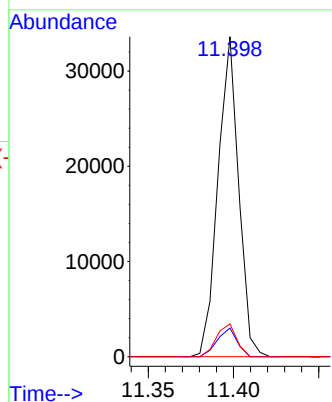
Instrument :
BNA_F
ClientSampled :
221



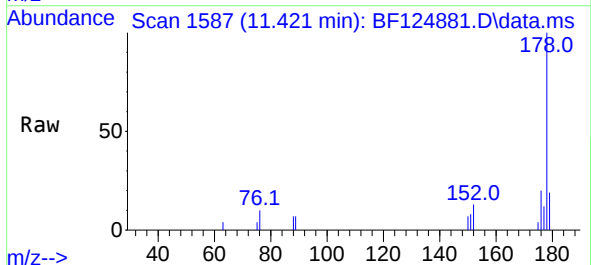
Tgt Ion:188 Resp: 28347
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 10.3 7.5 11.3

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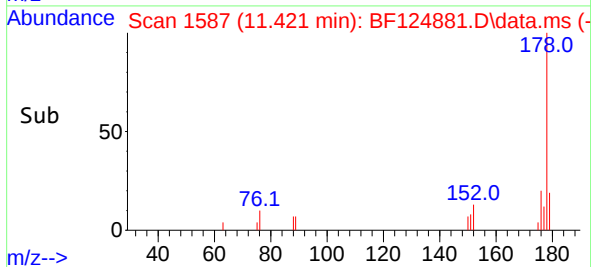
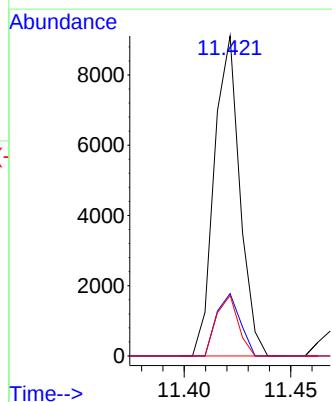
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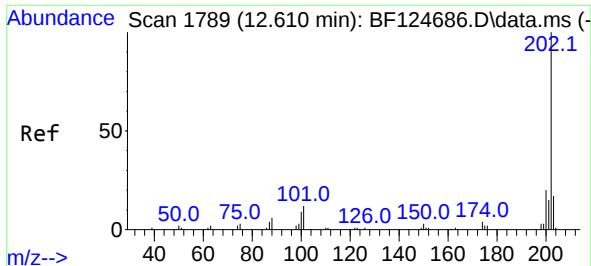


#71
Phenanthrene
Concen: 4.978 ng
RT: 11.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF124881.D
Acq: 30 Jul 2021 17:52



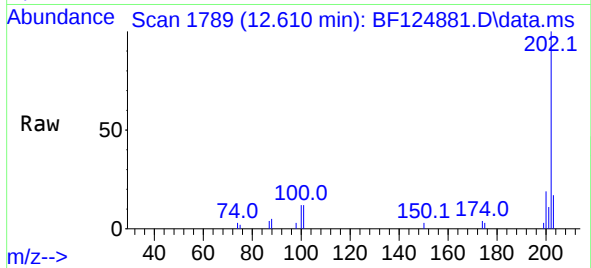
Tgt Ion:178 Resp: 7590
Ion Ratio Lower Upper
178 100
176 19.5 14.7 22.1
179 19.0 11.5 17.3#





#75
Fluoranthene
Concen: 6.759 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF124881.D
Acq: 30 Jul 2021 17:52

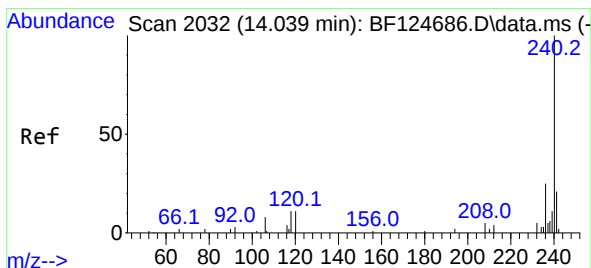
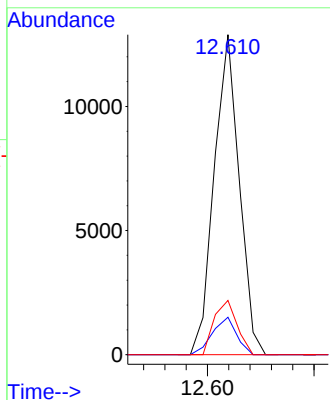
Instrument :
BNA_F
ClientSampled :
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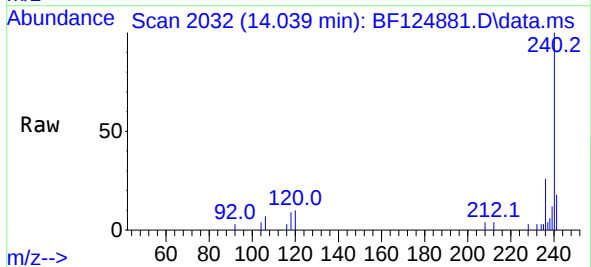
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Ion Ratio Lower Upper
202 100
101 11.7 0.0 30.7
203 16.9 0.0 36.3

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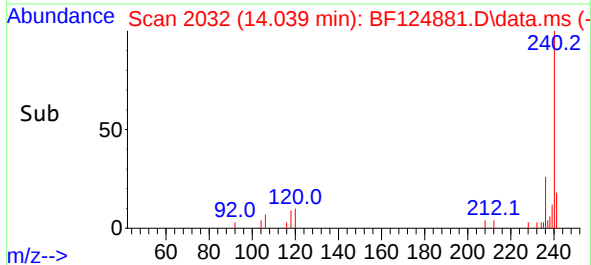
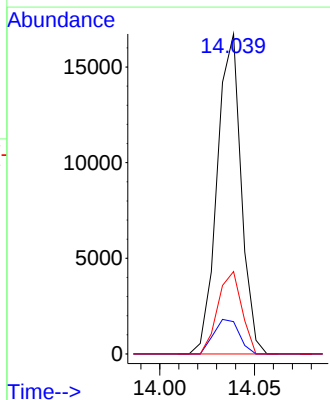
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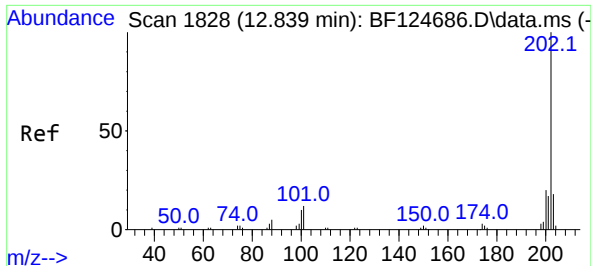


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124881.D
Acq: 30 Jul 2021 17:52



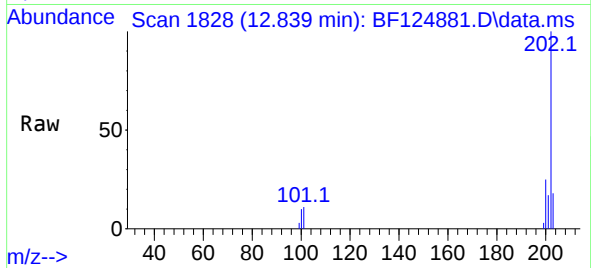
Tgt Ion:240 Resp: 14759
Ion Ratio Lower Upper
240 100
120 10.1 10.8 16.2#
236 25.8 21.6 32.4





#78
Pyrene
Concen: 6.986 ng m
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF124881.D
Acq: 30 Jul 2021 17:52

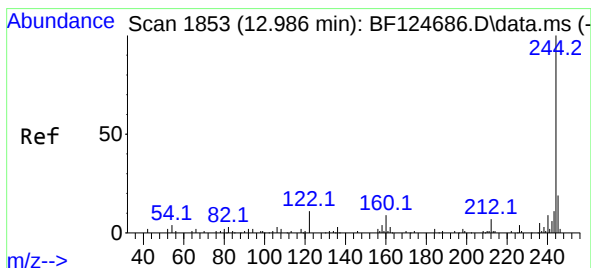
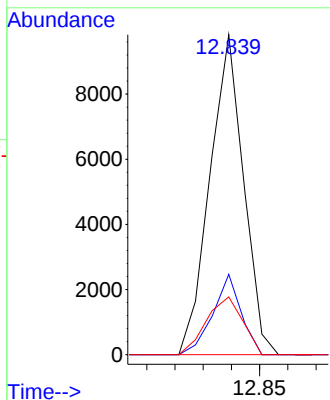
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BNA_F
ClientSampled :
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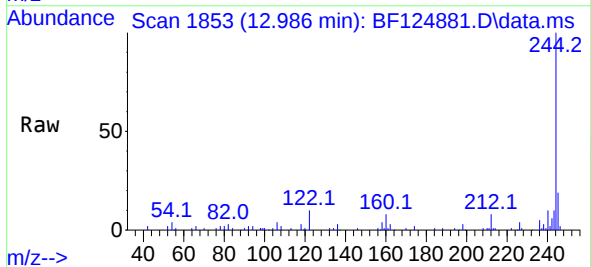
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Ion Ratio Lower Upper
202 100
200 25.1 15.3 22.9#
203 18.1 13.4 20.0

Manual Integrations
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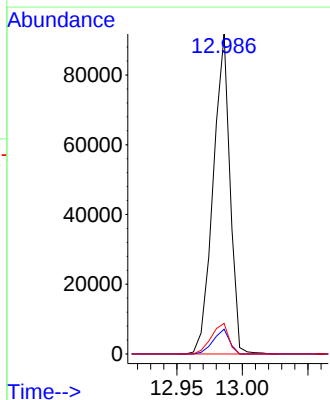
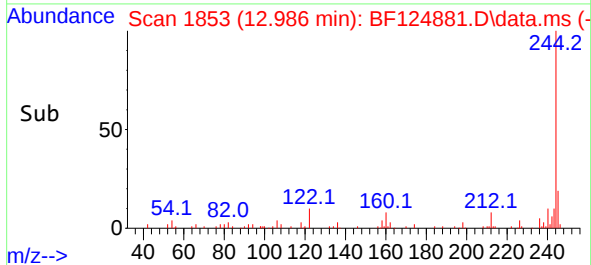
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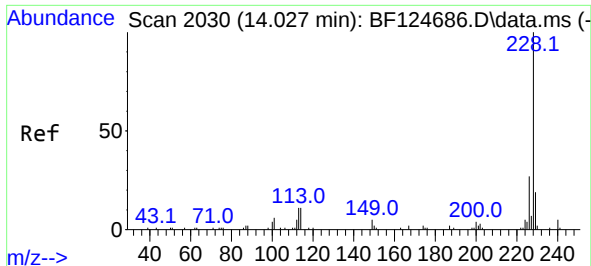


#79
Terphenyl-d14
Concen: 94.854 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124881.D
Acq: 30 Jul 2021 17:52



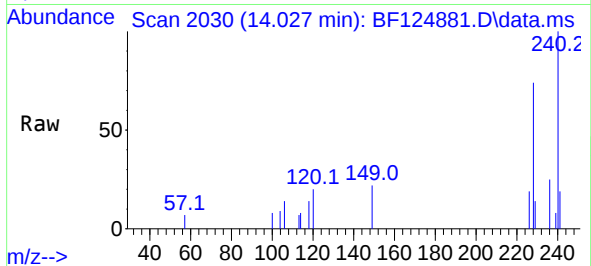
Tgt Ion:244 Resp: 81670
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 9.6 9.0 13.4





#81
Benzo(a)anthracene
Concen: 2.828 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF124881.D
Acq: 30 Jul 2021 17:52

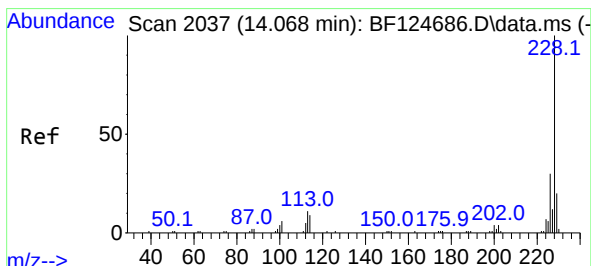
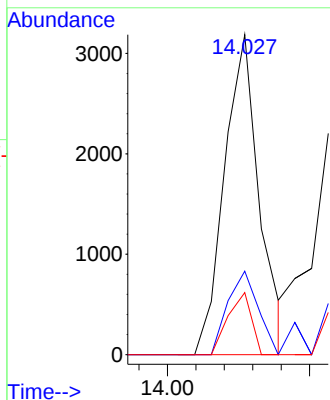
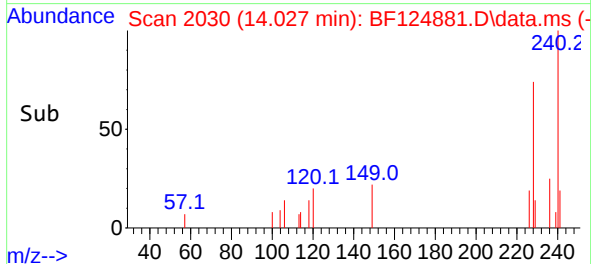
Instrument :
BNA_F
ClientSampled :
221



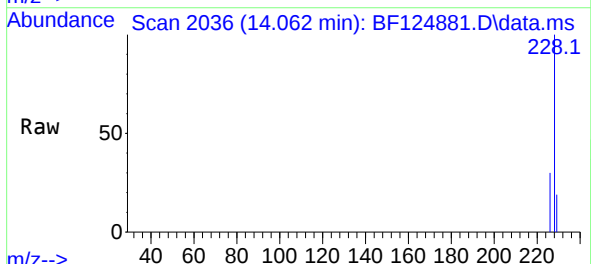
Tgt Ion:228 Resp: 2728
Ion Ratio Lower Upper
228 100
226 26.1 21.6 32.4
229 19.4 15.6 23.4

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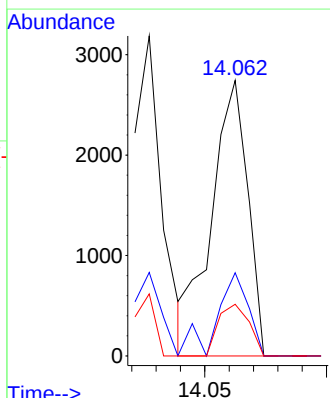
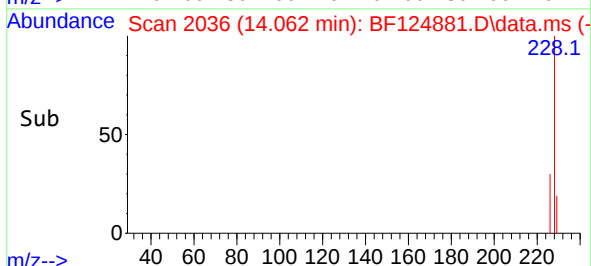
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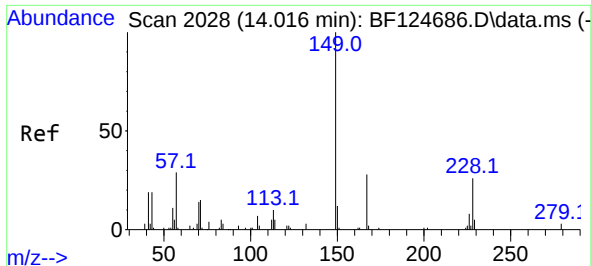


#83
Chrysene
Concen: 3.073 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124881.D
Acq: 30 Jul 2021 17:52

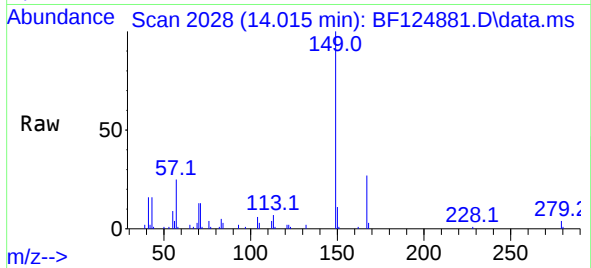


Tgt Ion:228 Resp: 2856
Ion Ratio Lower Upper
228 100
226 30.2 22.6 34.0
229 18.7 15.9 23.9

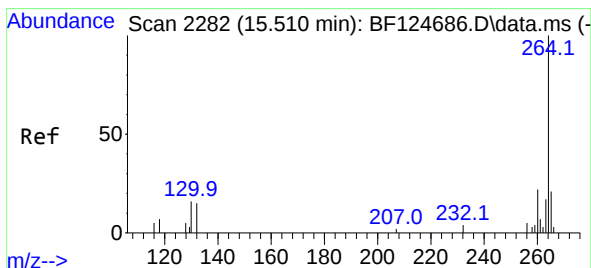
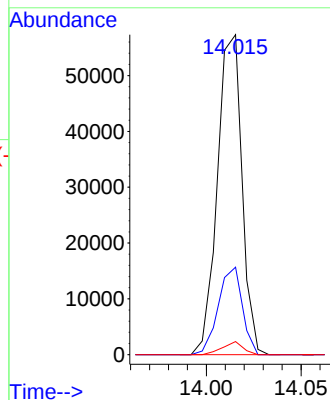
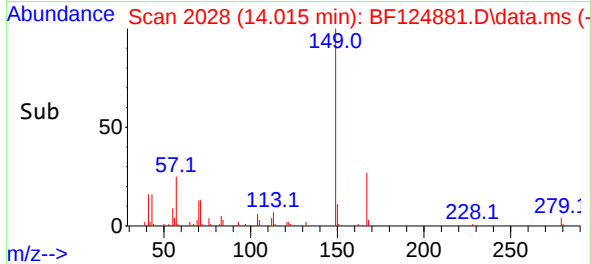




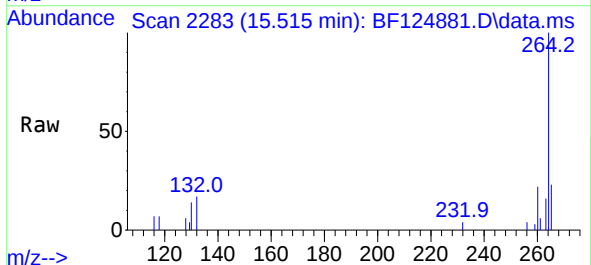
#84
Bis(2-ethylhexyl)phthalate
Concen: 62.927 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF124881.D
Acq: 30 Jul 2021 17:52



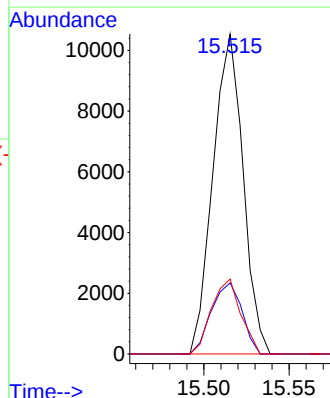
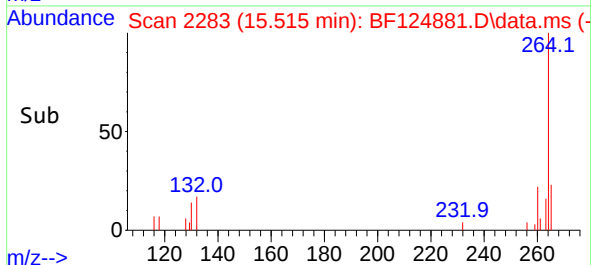
Tgt Ion:149 Resp: 51872
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.0
279 4.1 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124881.D
Acq: 30 Jul 2021 17:52



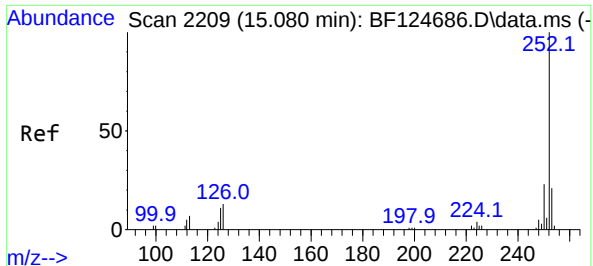
Tgt Ion:264 Resp: 12928
Ion Ratio Lower Upper
264 100
260 22.2 19.6 29.4
265 23.4 17.2 25.8



Instrument :
BNA_F
ClientSampled :
221

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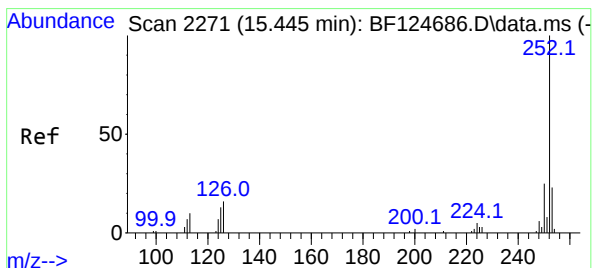
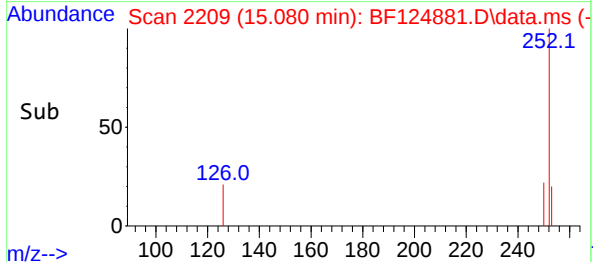
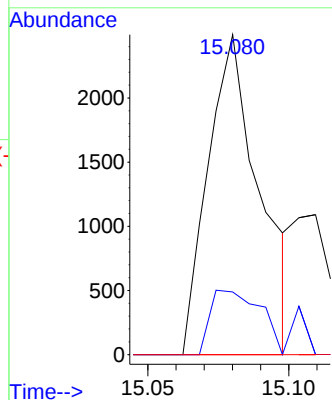
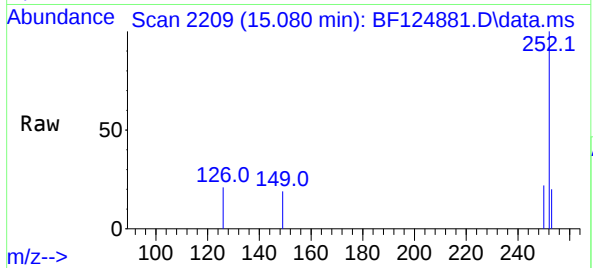
#88
Benzo(b)fluoranthene
Concen: 3.482 ng m
RT: 15.080 min Scan# 2209
Delta R.T. -0.000 min
Lab File: BF124881.D
Acq: 30 Jul 2021 17:52

Tgt Ion:252 Resp: 3169
Ion Ratio Lower Upper
252 100
253 19.6 16.8 25.2
125 0.0 9.8 14.8#

Instrument :
BNA_F
ClientSampled :
221

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#90
Benzo(a)pyrene
Concen: 2.425 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF124881.D
Acq: 30 Jul 2021 17:52

Tgt Ion:252 Resp: 1844
Ion Ratio Lower Upper
252 100
253 20.7 18.4 27.6
125 0.0 9.9 14.9#

