

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129244.D
 Acq On : 15 Jul 2022 18:16
 Operator : CG\JU
 Sample : N3731-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Jul 16 01:42:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	260254	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1052817	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	551161	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	930313	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	535322	20.000	ng	0.00
86) Perylene-d12	15.557	264	460613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1973077	121.078	ng	0.00
7) Phenol-d6	6.522	99	2575631	122.205	ng	0.00
23) Nitrobenzene-d5	7.457	82	1624229	82.467	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	642109	125.517	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2711014	83.333	ng	0.00
79) Terphenyl-d14	13.016	244	2747970	96.028	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.451	178	216876	4.592	ng	98
75) Fluoranthene	12.651	202	428158	9.102	ng	96
78) Pyrene	12.874	202	381476	8.798	ng	98
81) Benzo(a)anthracene	14.057	228	155017	4.591	ng	98
83) Chrysene	14.092	228	128189	3.977	ng	96
87) Indeno(1,2,3-cd)pyrene	17.051	276	77595	2.702	ng	99
88) Benzo(b)fluoranthene	15.115	252	165879m	5.862	ng	
90) Benzo(a)pyrene	15.492	252	114804	4.984	ng	# 97
92) Benzo(g,h,i)perylene	17.509	276	84463	3.557	ng	95

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

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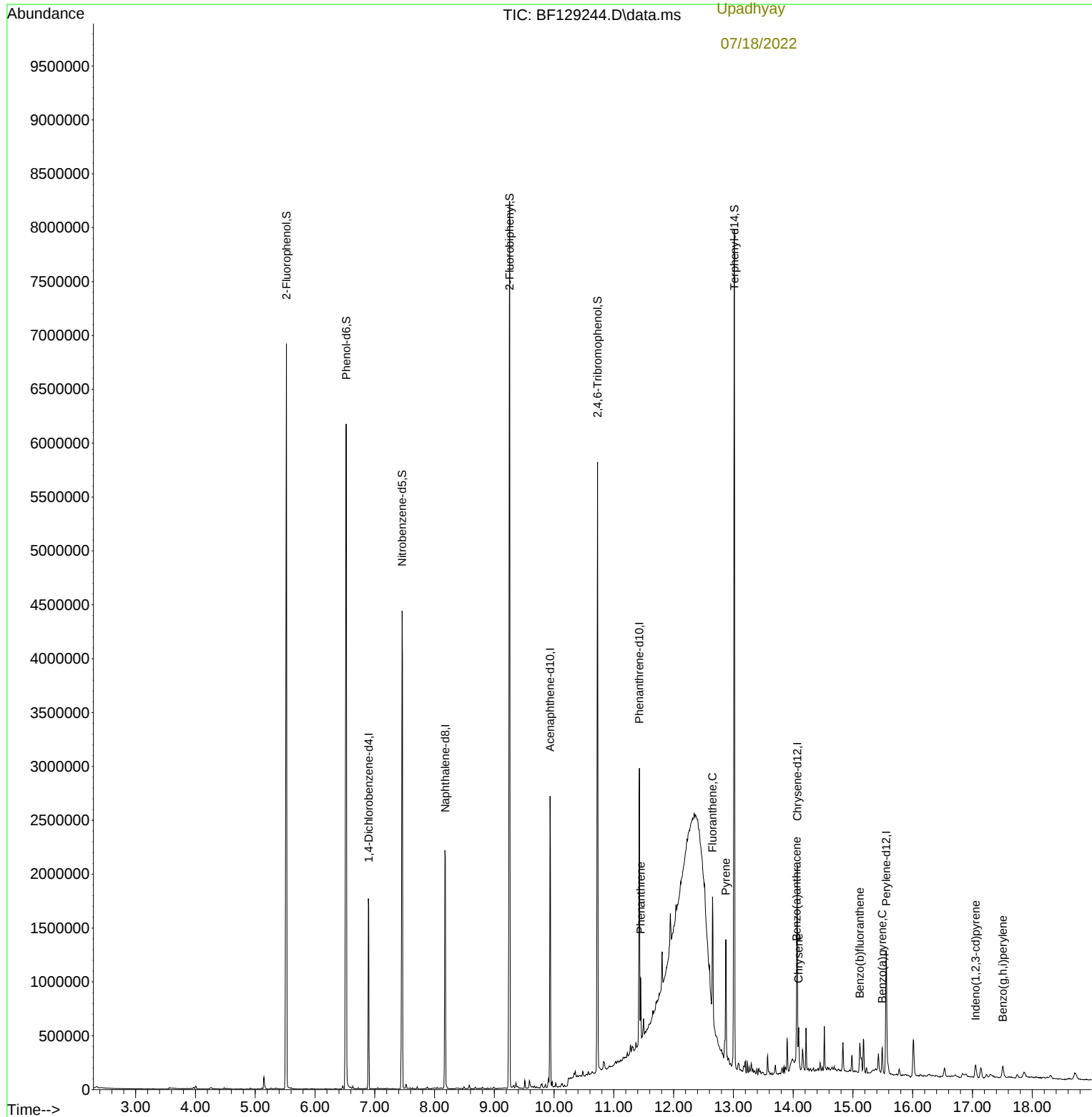
Quant Time: Jul 16 01:42:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 12:55:49 2022
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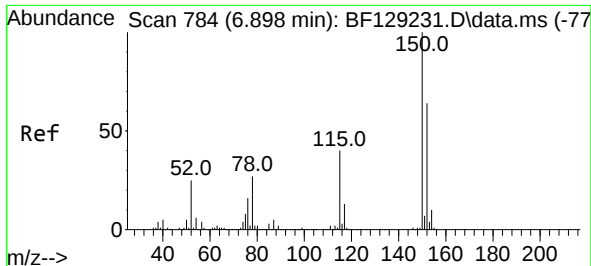
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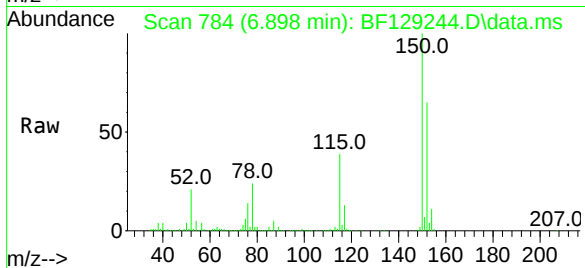
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129244.D
Acq: 15 Jul 2022 18:16

Instrument :
BNA_F
ClientSampleId :
TP-1



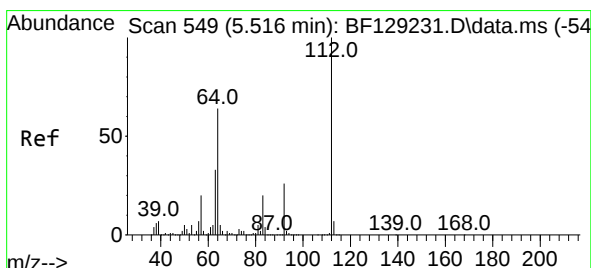
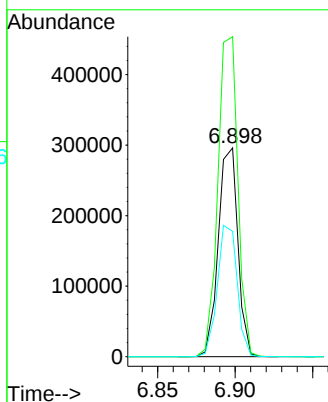
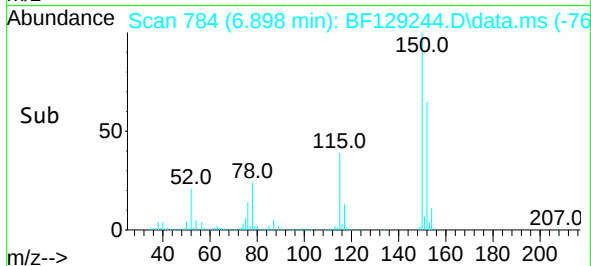
Tgt Ion:152 Resp: 260254
Ion Ratio Lower Upper
152 100
150 153.3 123.7 185.5
115 60.0 49.9 74.9

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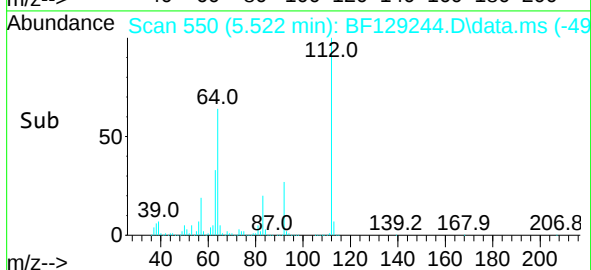
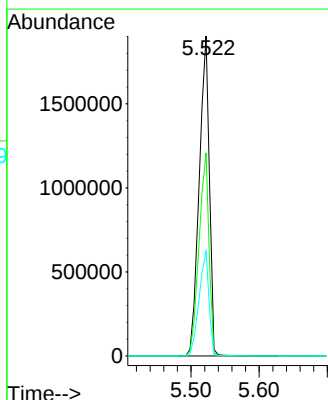
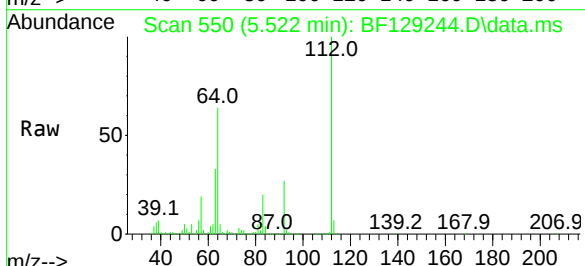
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#5
2-Fluorophenol
Concen: 121.078 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.006 min
Lab File: BF129244.D
Acq: 15 Jul 2022 18:16

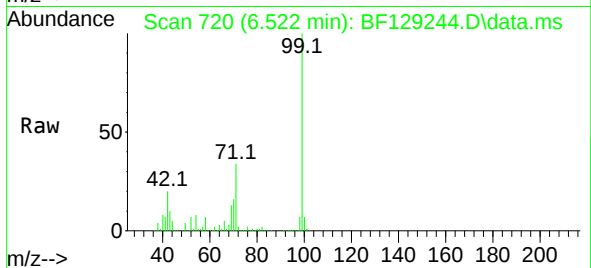
Tgt Ion:112 Resp: 1973077
Ion Ratio Lower Upper
112 100
64 63.5 53.3 79.9
63 32.7 28.0 42.0





#7
Phenol-d6
Concen: 122.205 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129244.D
Acq: 15 Jul 2022 18:16

Instrument :
BNA_F
ClientSampleId :
TP-1



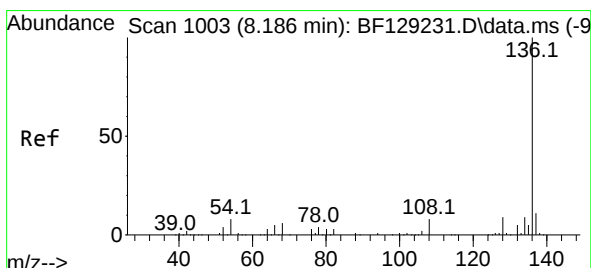
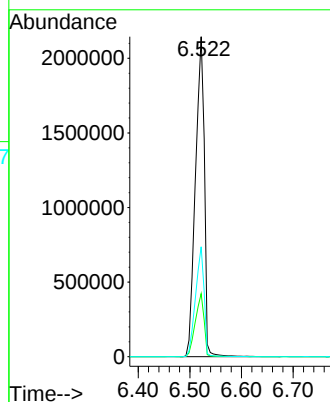
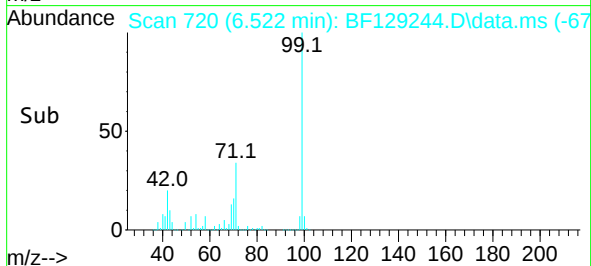
Tgt Ion: 99 Resp: 257563
Ion Ratio Lower Upper
99 100
42 19.7 17.3 25.9
71 34.3 28.9 43.3

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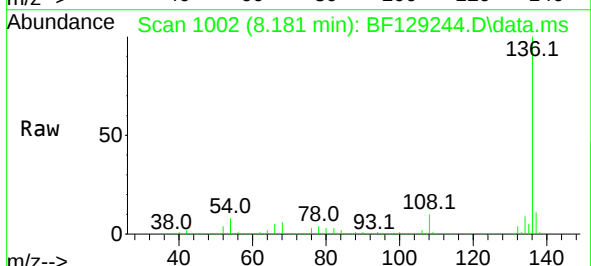
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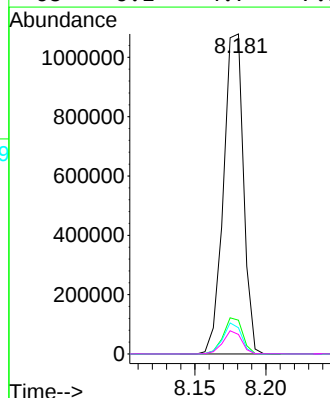
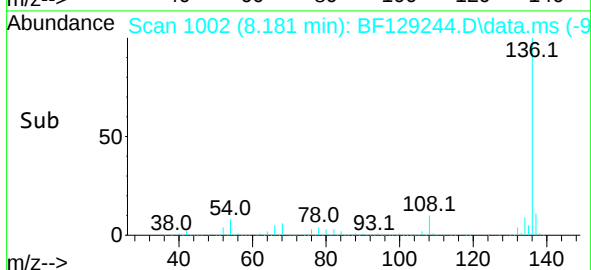
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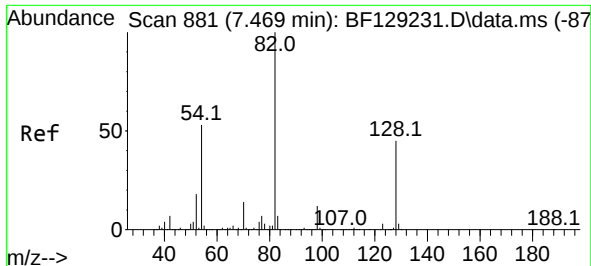


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BF129244.D
Acq: 15 Jul 2022 18:16



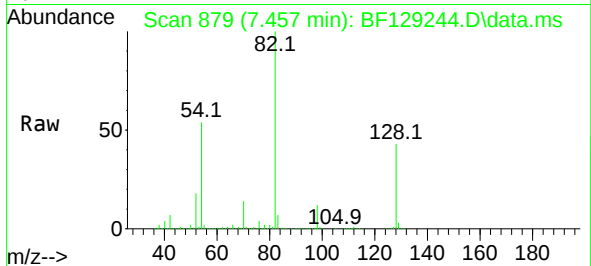
Tgt Ion:136 Resp: 1052817
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.2 7.5 11.3
68 6.1 4.7 7.1





#23
Nitrobenzene-d5
Concen: 82.467 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129244.D
Acq: 15 Jul 2022 18:16

Instrument :
BNA_F
ClientSampleId :
TP-1



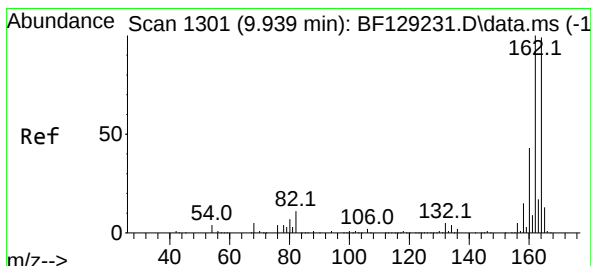
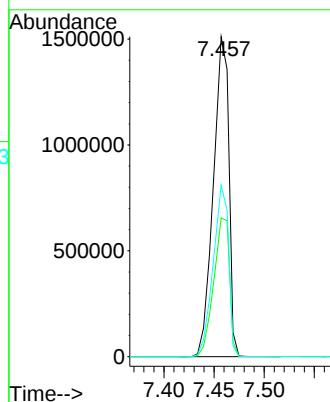
Tgt Ion: 82 Resp: 1624229
Ion Ratio Lower Upper
82 100
128 43.4 34.0 51.0
54 53.6 46.9 70.3

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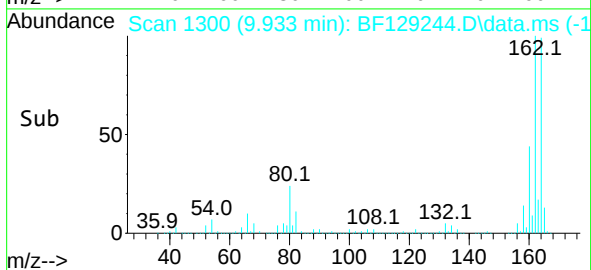
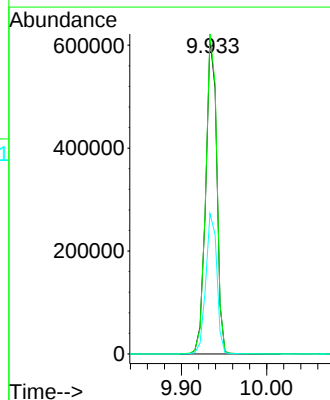
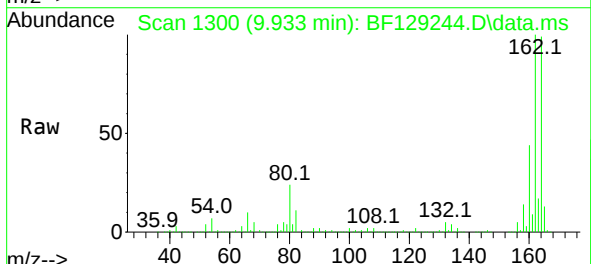
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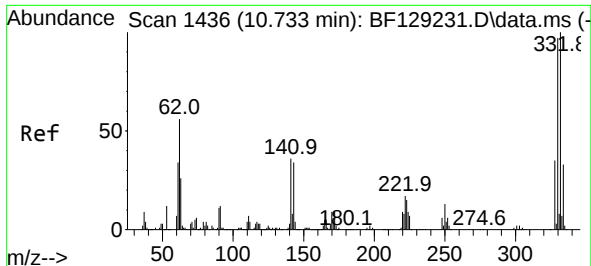
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF129244.D
Acq: 15 Jul 2022 18:16

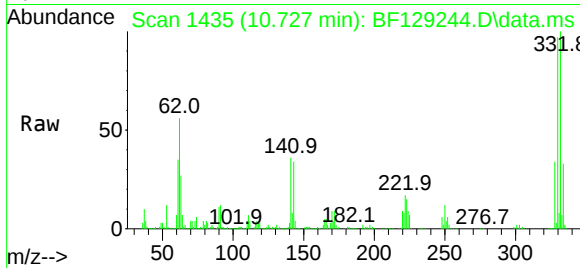
Tgt Ion:164 Resp: 551161
Ion Ratio Lower Upper
164 100
162 101.3 79.5 119.3
160 44.5 34.2 51.4





#42
2,4,6-Tribromophenol
Concen: 125.517 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF129244.D
Acq: 15 Jul 2022 18:16

Instrument :
BNA_F
ClientSampleId :
TP-1



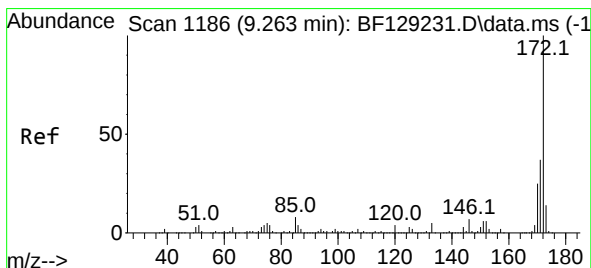
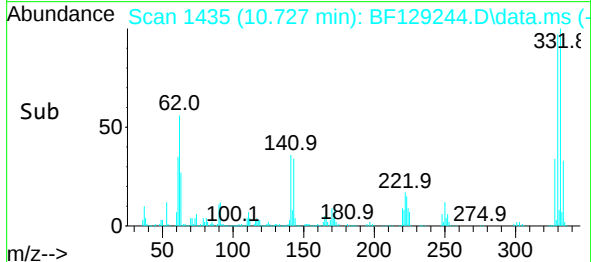
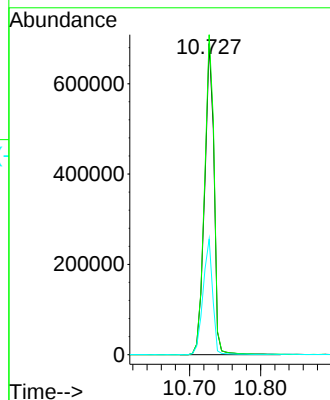
Tgt Ion: 330 Resp: 642109
Ion Ratio Lower Upper
330 100
332 103.4 76.8 115.2
141 37.9 28.0 42.0

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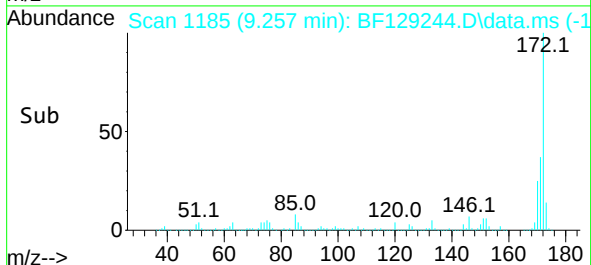
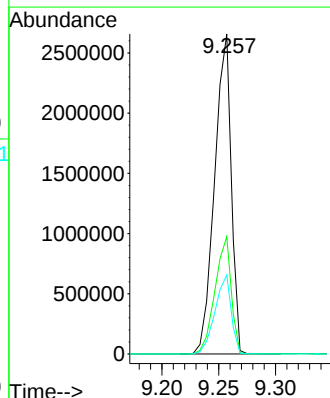
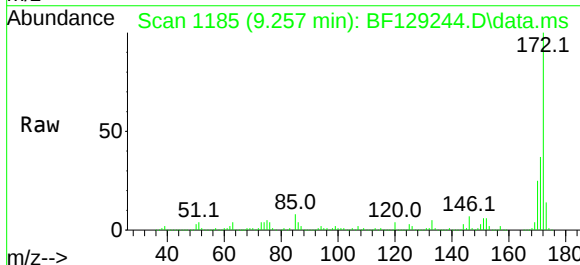
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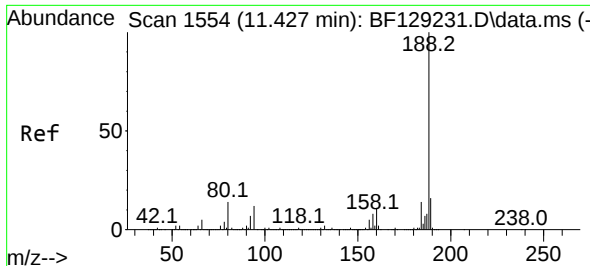
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#45
2-Fluorobiphenyl
Concen: 83.333 ng
RT: 9.257 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF129244.D
Acq: 15 Jul 2022 18:16

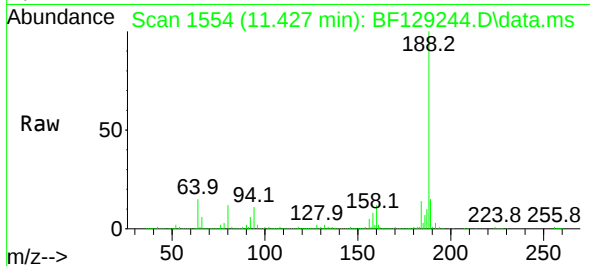
Tgt Ion: 172 Resp: 2711014
Ion Ratio Lower Upper
172 100
171 36.6 28.8 43.2
170 24.7 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.000 min
Lab File: BF129244.D
Acq: 15 Jul 2022 18:16

Instrument :
BNA_F
ClientSampleId :
TP-1



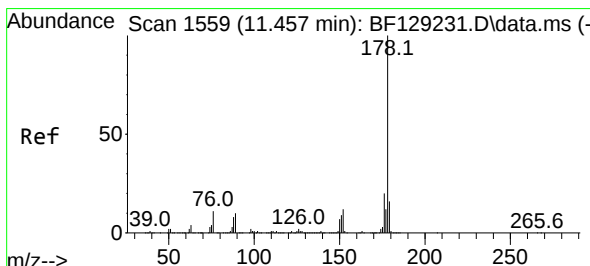
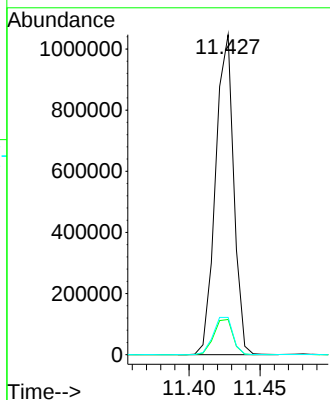
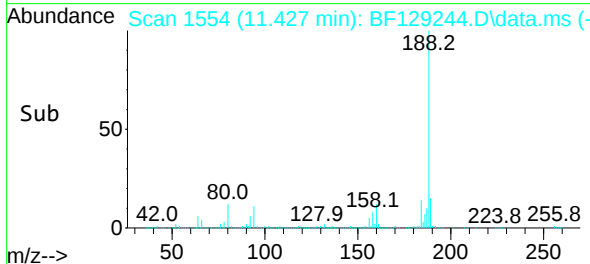
Tgt Ion:188 Resp: 930311
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.6
80 11.7 7.6 11.4

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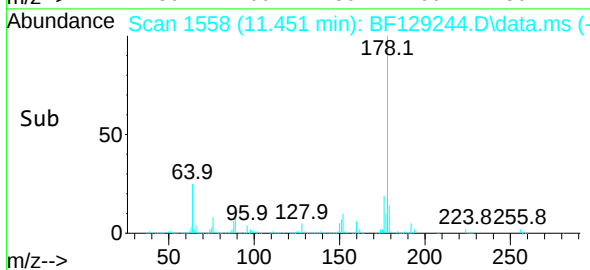
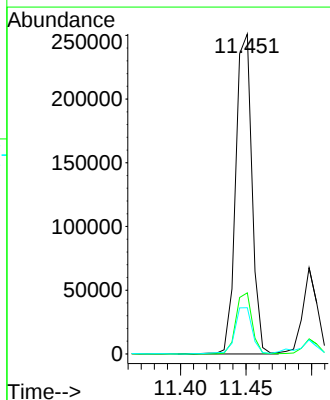
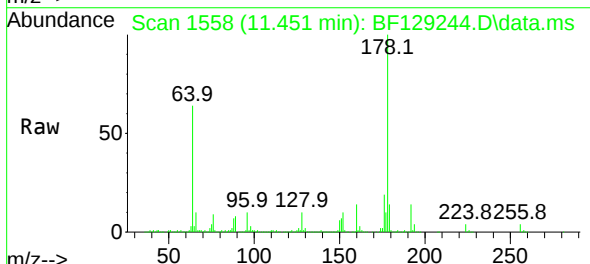
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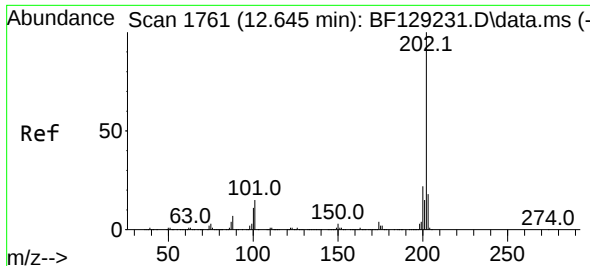
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#71
Phenanthrene
Concen: 4.592 ng
RT: 11.451 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF129244.D
Acq: 15 Jul 2022 18:16

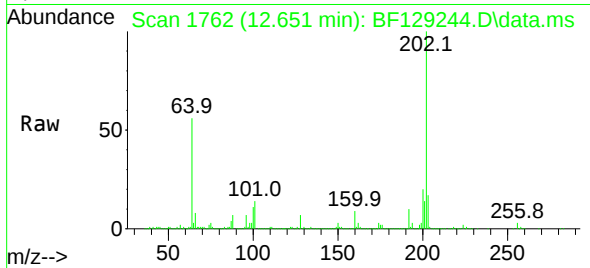
Tgt Ion:178 Resp: 216876
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 14.5 12.6 19.0





#75
Fluoranthene
Concen: 9.102 ng
RT: 12.651 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129244.D
Acq: 15 Jul 2022 18:16

Instrument :
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ClientSampleId :
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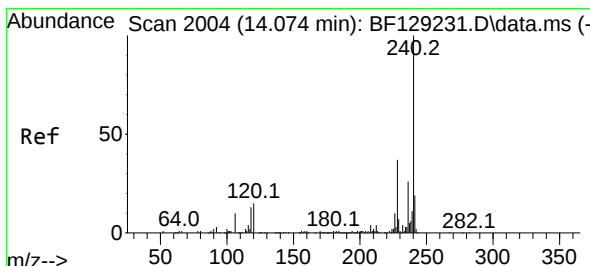
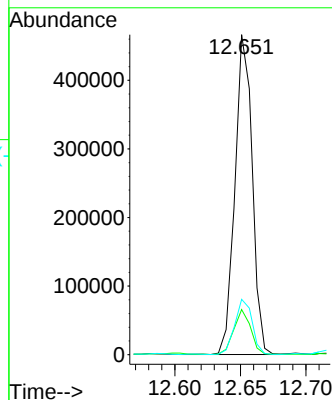
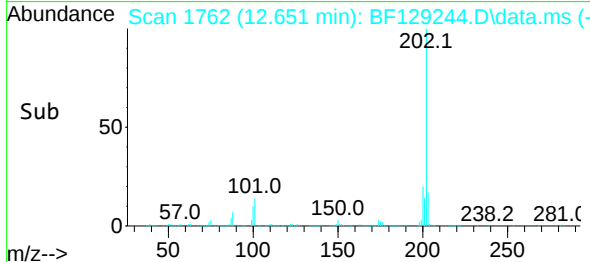
Tgt Ion:202 Resp: 428158
Ion Ratio Lower Upper
202 100
101 14.1 0.0 31.4
203 17.3 0.0 38.0

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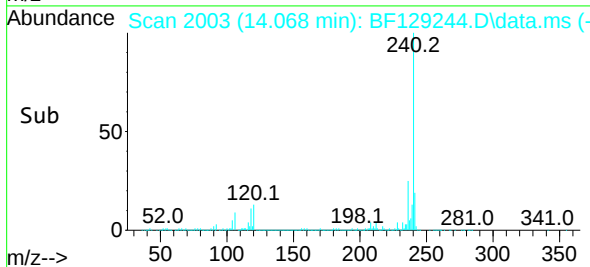
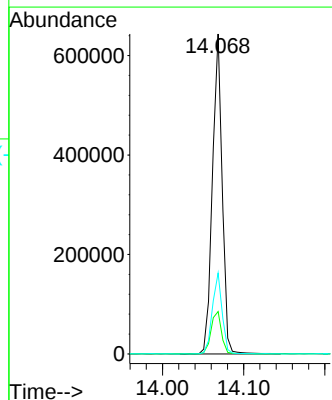
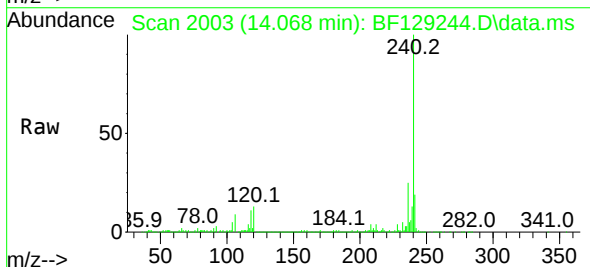
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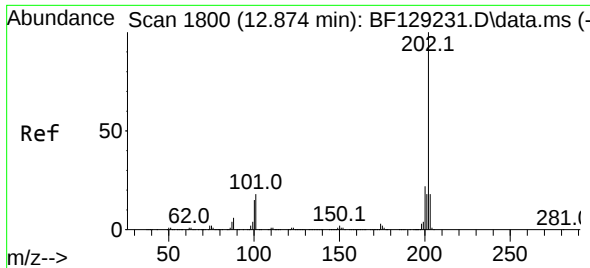
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF129244.D
Acq: 15 Jul 2022 18:16

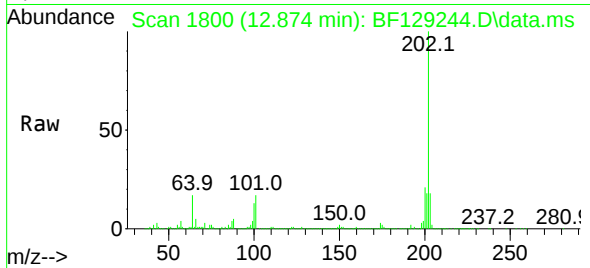
Tgt Ion:240 Resp: 535322
Ion Ratio Lower Upper
240 100
120 13.3 8.9 13.3
236 25.3 20.8 31.2





#78
Pyrene
Concen: 8.798 ng
RT: 12.874 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF129244.D
Acq: 15 Jul 2022 18:16

Instrument :
BNA_F
ClientSampleId :
TP-1



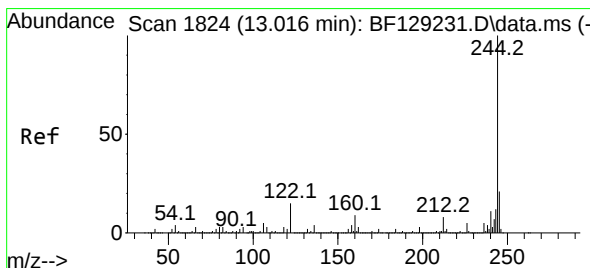
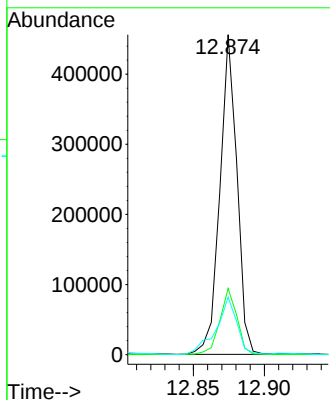
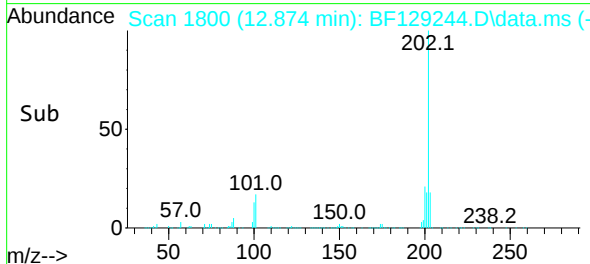
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Ion Ratio Lower Upper
202 100
200 20.7 17.7 26.5
203 17.9 14.6 21.8

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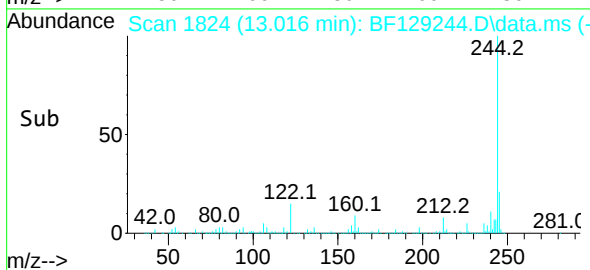
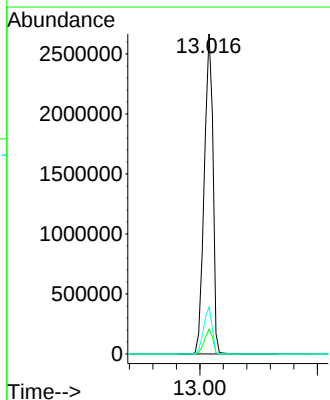
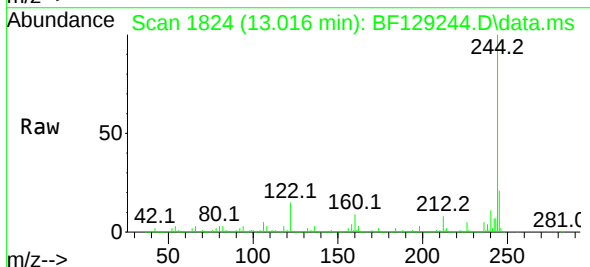
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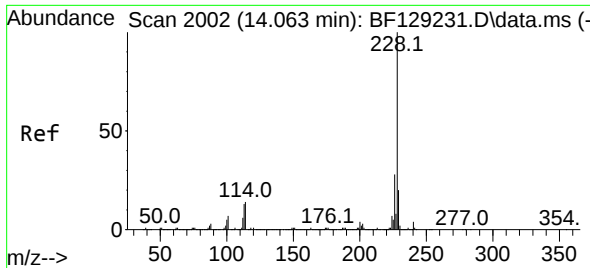
07/18/2022



#79
Terphenyl-d14
Concen: 96.028 ng
RT: 13.016 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF129244.D
Acq: 15 Jul 2022 18:16

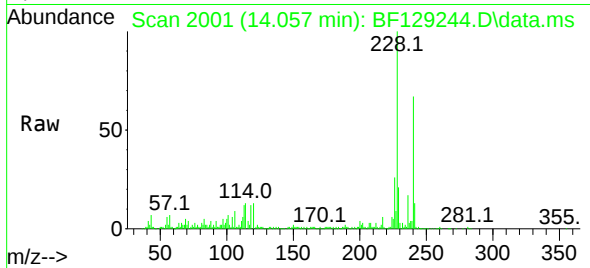
Tgt Ion:244 Resp: 2747970
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 14.6 8.8 13.2#





#81
Benzo(a)anthracene
Concen: 4.591 ng
RT: 14.057 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF129244.D
Acq: 15 Jul 2022 18:16

Instrument :
BNA_F
ClientSampleId :
TP-1



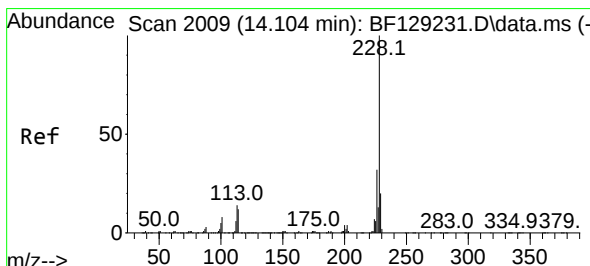
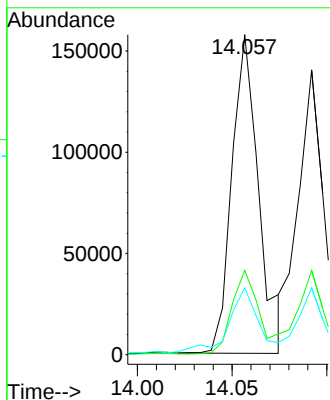
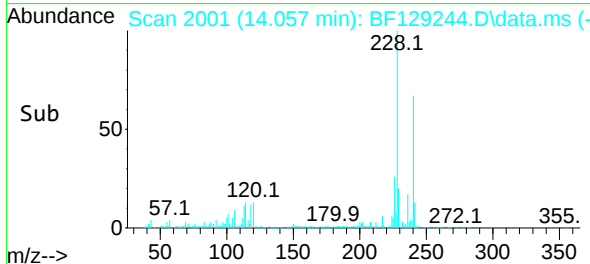
Tgt Ion:228 Resp: 155017
Ion Ratio Lower Upper
228 100
226 26.4 22.1 33.1
229 20.9 15.8 23.8

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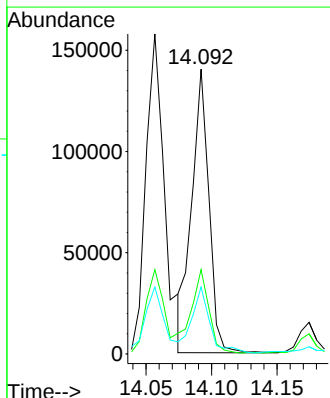
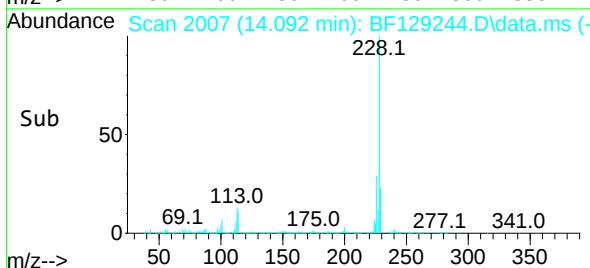
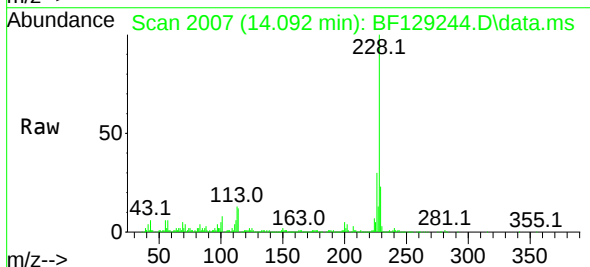
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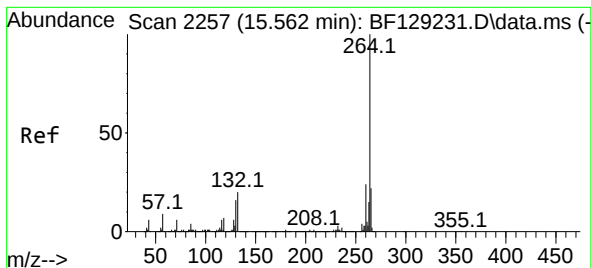
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#83
Chrysene
Concen: 3.977 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF129244.D
Acq: 15 Jul 2022 18:16

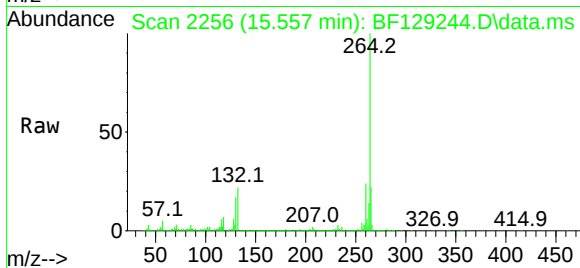
Tgt Ion:228 Resp: 128189
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 23.5 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129244.D
Acq: 15 Jul 2022 18:16

Instrument :
BNA_F
ClientSampleId :
TP-1



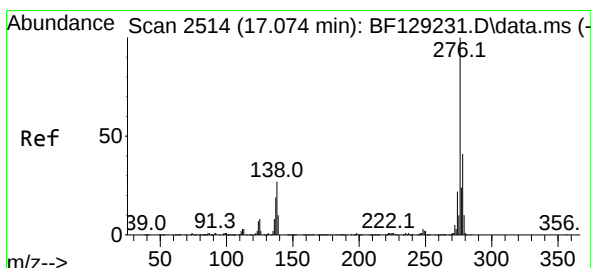
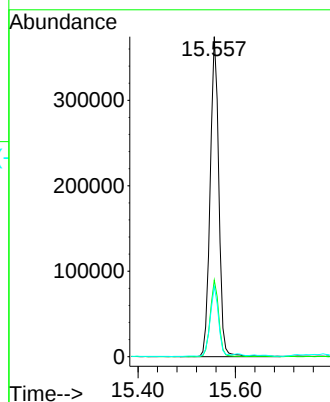
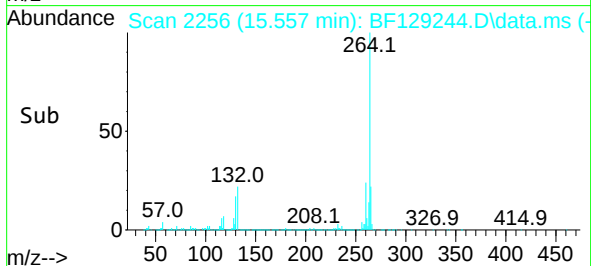
Tgt Ion:264 Resp: 46061
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 22.0 17.2 25.8

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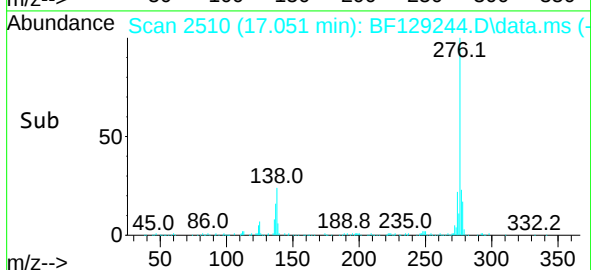
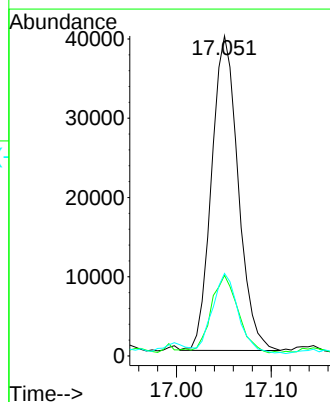
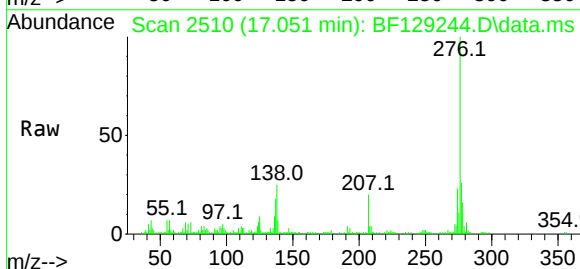
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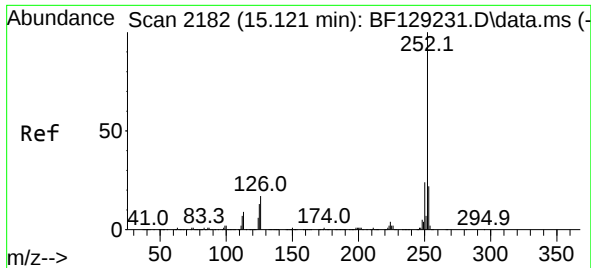
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.702 ng
RT: 17.051 min Scan# 2510
Delta R.T. -0.024 min
Lab File: BF129244.D
Acq: 15 Jul 2022 18:16

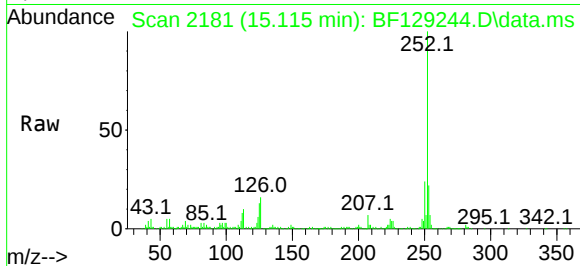
Tgt Ion:276 Resp: 77595
Ion Ratio Lower Upper
276 100
138 25.5 21.1 31.7
277 25.5 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 5.862 ng m
RT: 15.115 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BF129244.D
Acq: 15 Jul 2022 18:16

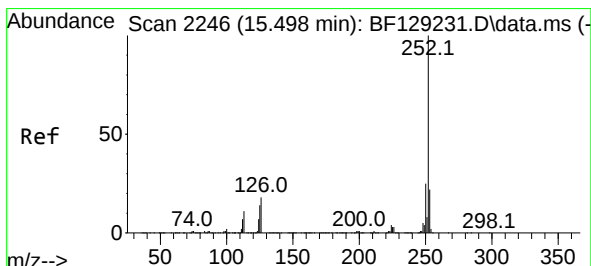
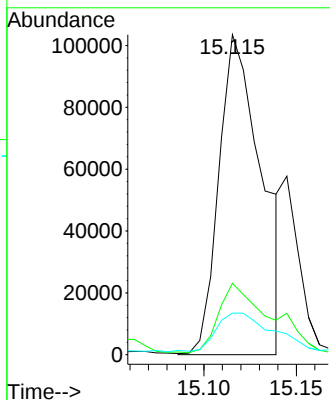
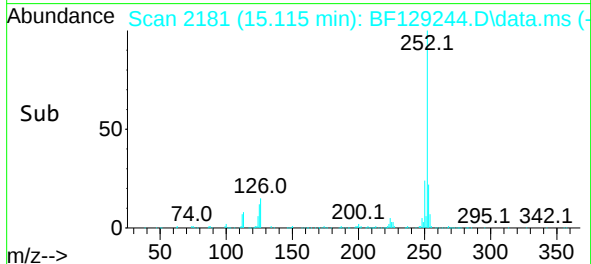
Instrument :
BNA_F
ClientSampleId :
TP-1



Tgt Ion:252 Resp: 165879
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 13.0 8.0 12.0

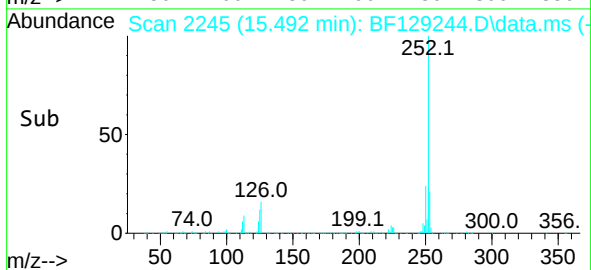
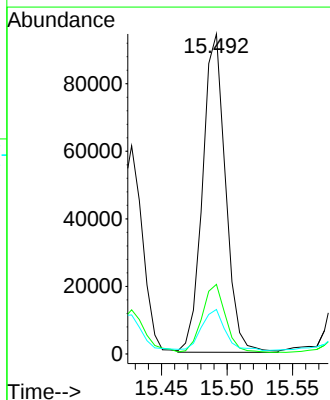
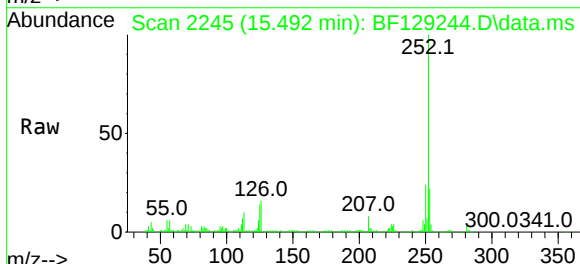
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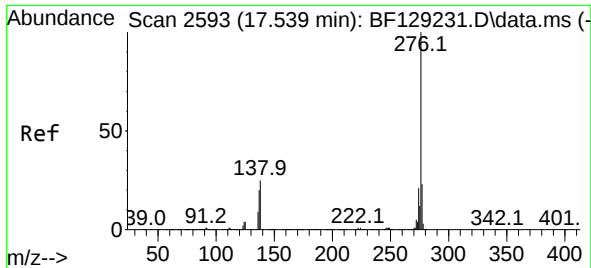
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#90
Benzo(a)pyrene
Concen: 4.984 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BF129244.D
Acq: 15 Jul 2022 18:16

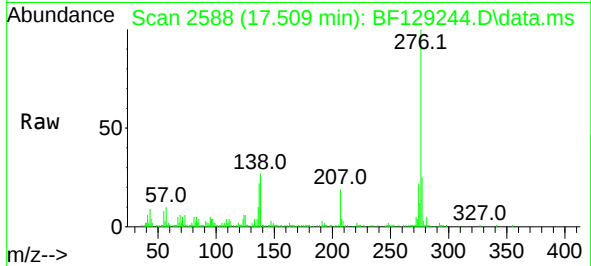
Tgt Ion:252 Resp: 114804
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 13.9 8.8 13.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.557 ng
 RT: 17.509 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BF129244.D
 Acq: 15 Jul 2022 18:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-1



Tgt Ion:276 Resp: 8446
 Ion Ratio Lower Upper
 276 100
 277 24.9 19.1 28.7
 138 26.6 18.0 27.0

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