

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
 Data File : BF122481.D
 Acq On : 25 Nov 2020 13:15
 Operator : JU/CG
 Sample : L4882-03 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B48-112320-0-10

Manual Integrations
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mohammad
 11/27/2020 11:42:13 AM

Quant Time: Nov 25 13:53:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 14:38:56 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	209304	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	788948	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	429785	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	764889	20.00	ng	0.00
76) Chrysene-d12	14.021	240	507576	20.00	ng	-0.01
86) Perylene-d12	15.492	264	527591	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	440115	32.29	ng	-0.01
7) Phenol-d6	6.481	99	685503	38.44	ng	-0.02
23) Nitrobenzene-d5	7.410	82	439458	34.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	97907	21.23	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	851140	30.94	ng	0.00
79) Terphenyl-d14	12.968	244	774608	32.33	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.610	163	160801	5.26	ng	99
71) Phenanthrene	11.404	178	598610	13.79	ng	99
72) Anthracene	11.457	178	127765	2.86	ng	97
75) Fluoranthene	12.592	202	522187	11.53	ng	98
78) Pyrene	12.821	202	425532	11.93	ng	98
81) Benzo(a)anthracene	14.009	228	169274	5.36	ng	99
83) Chrysene	14.045	228	149335	4.70	ng	97
87) Indeno(1,2,3-cd)pyrene	16.950	276	81498	2.57	ng	95
88) Benzo(b)fluoranthene	15.062	252	171747m	5.03	ng	
90) Benzo(a)pyrene	15.427	252	120735	4.05	ng	# 94
92) Benzo(g,h,i)perylene	17.397	276	81984	3.18	ng	96

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

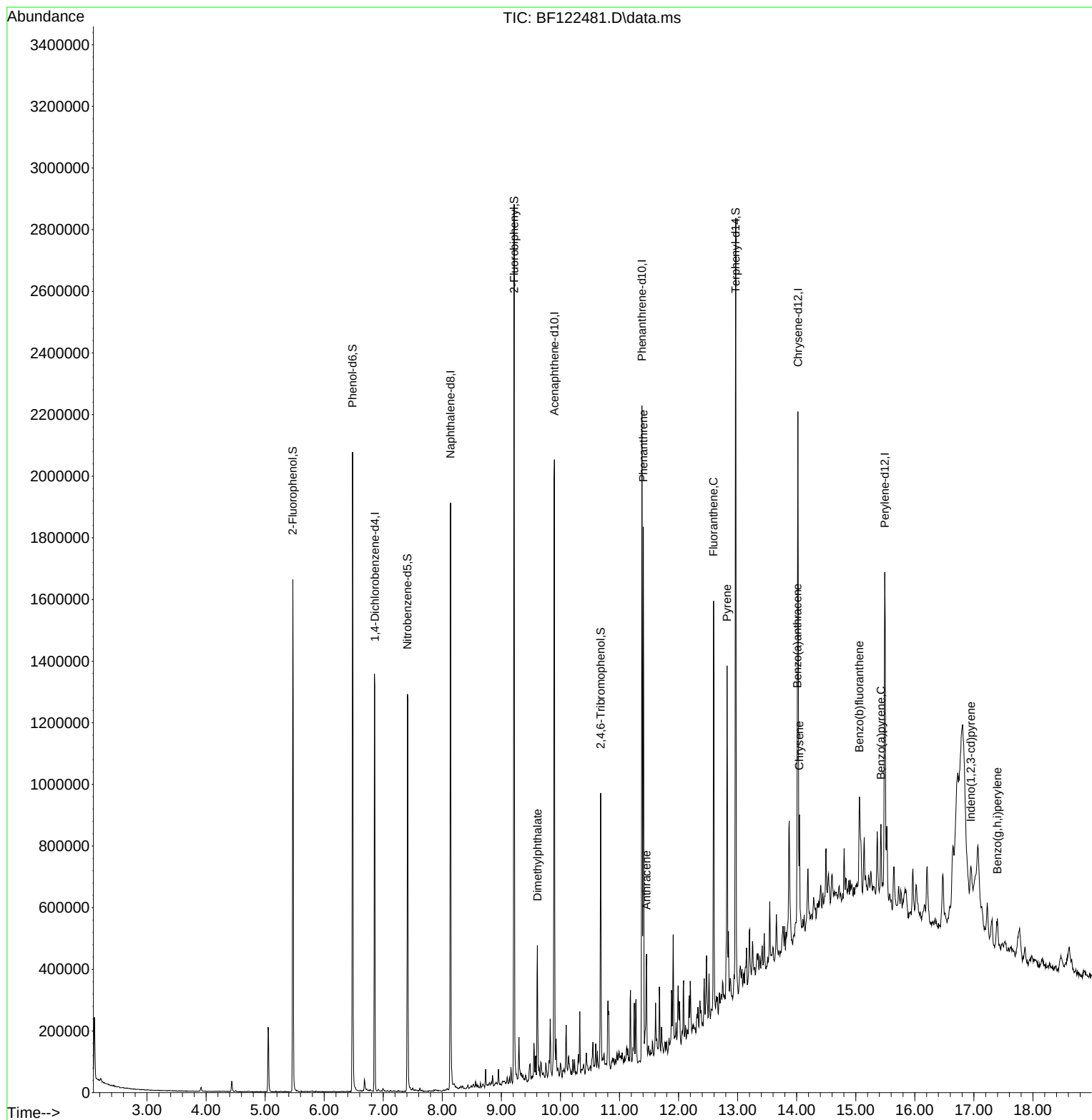
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Data File : BF122481.D
Acq On : 25 Nov 2020 13:15
Operator : JU/CG
Sample : L4882-03 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

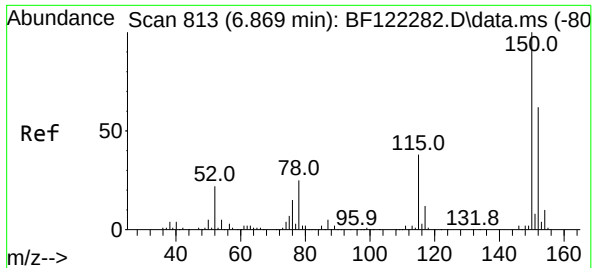
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-0-10

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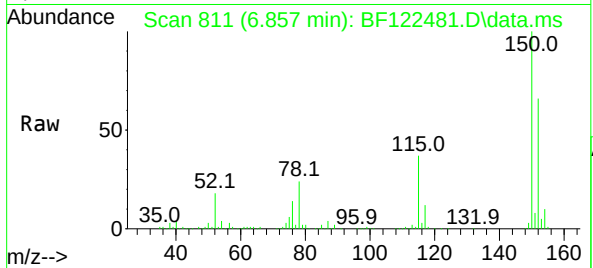
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Quant Time: Nov 25 13:53:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration

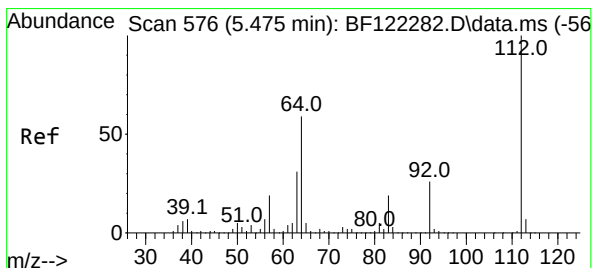
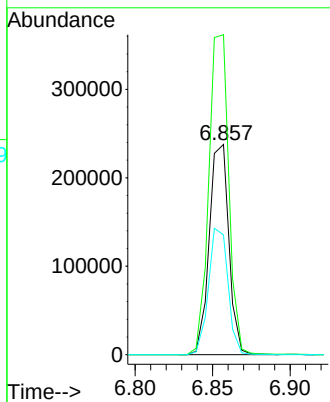
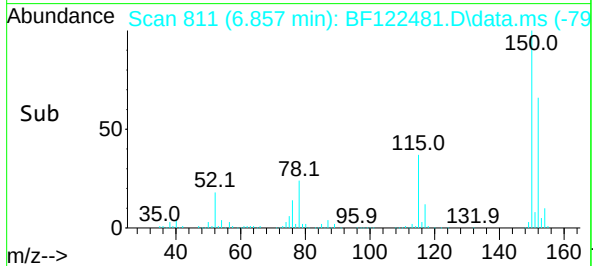




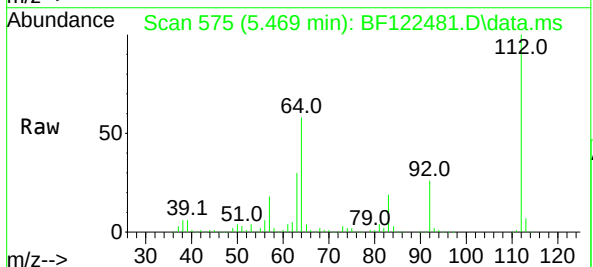
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122481.D
Acq: 25 Nov 2020 13:15



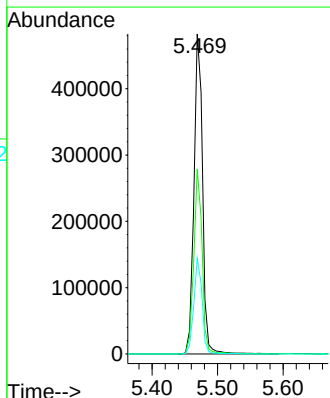
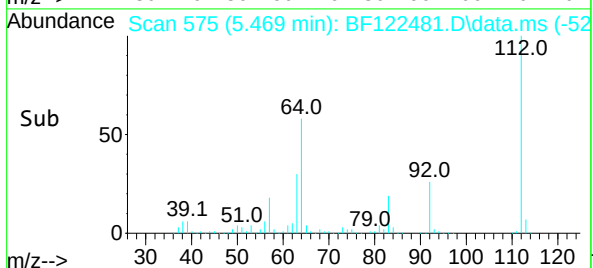
Tgt Ion:152 Resp: 209304
Ion Ratio Lower Upper
152 100
150 152.2 125.3 187.9
115 57.0 51.9 77.9



#5
2-Fluorophenol
Concen: 32.29 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.012 min
Lab File: BF122481.D
Acq: 25 Nov 2020 13:15



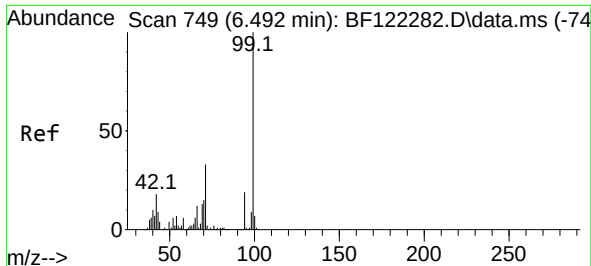
Tgt Ion:112 Resp: 440115
Ion Ratio Lower Upper
112 100
64 57.8 50.4 75.6
63 29.9 25.8 38.6



Instrument :
BNA_F
ClientSampleId :
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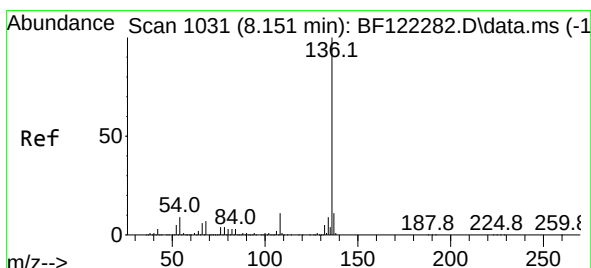
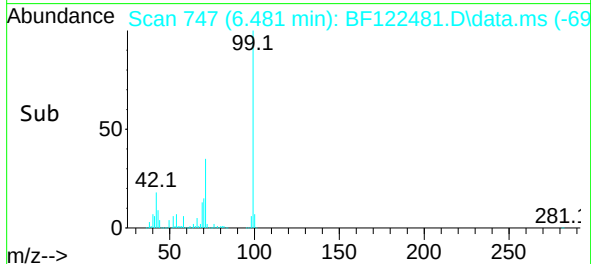
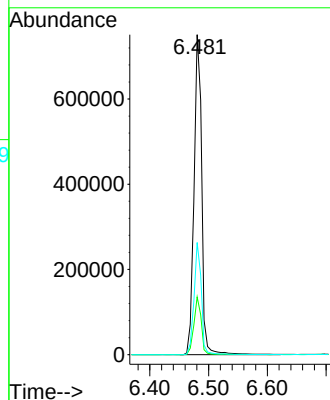
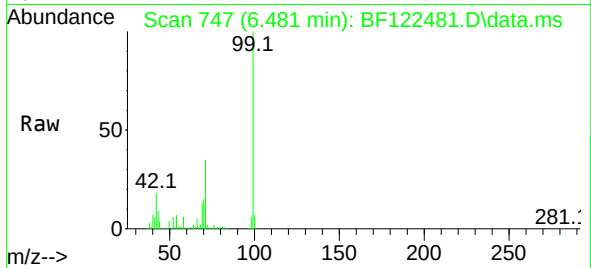
#7
Phenol-d6
Concen: 38.44 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.018 min
Lab File: BF122481.D
Acq: 25 Nov 2020 13:15

Tgt Ion: 99 Resp: 685503
Ion Ratio Lower Upper
99 100
42 18.1 15.9 23.9
71 35.1 27.1 40.7

Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-0-10

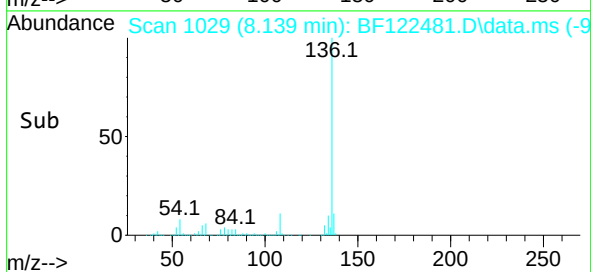
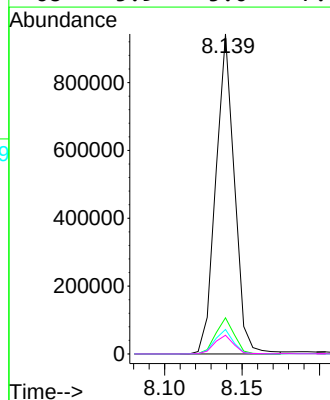
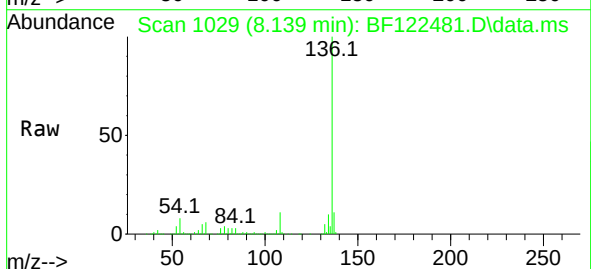
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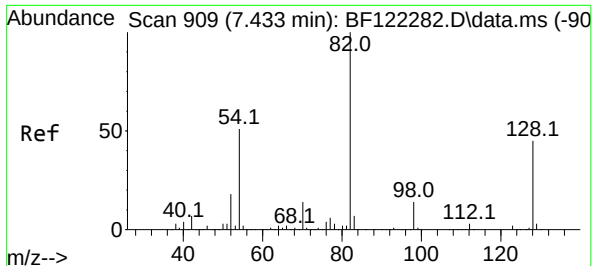
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122481.D
Acq: 25 Nov 2020 13:15

Tgt Ion: 136 Resp: 788948
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.6 7.1 10.7
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 34.10 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.018 min

Lab File: BF122481.D

Acq: 25 Nov 2020 13:15

Tgt Ion: 82 Resp: 439458

Ion Ratio Lower Upper

82 100

128 42.9 35.0 52.4

54 48.8 43.9 65.9

Instrument :

BNA_F

ClientSampleId :

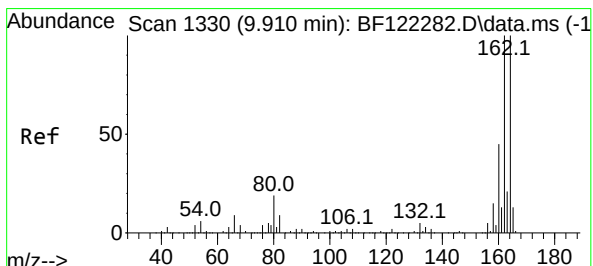
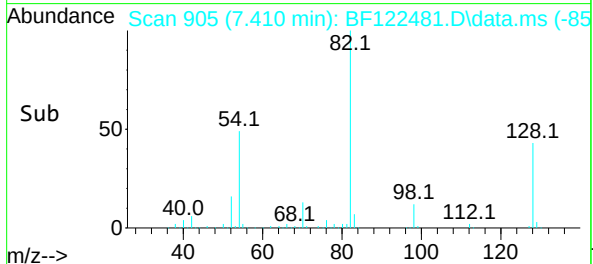
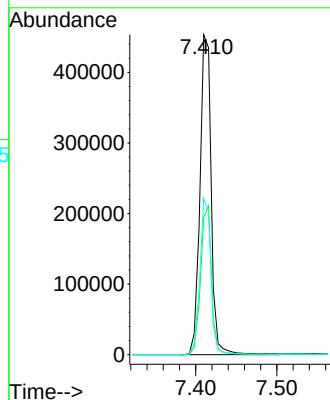
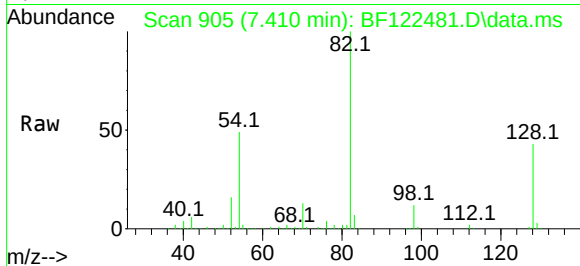
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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF122481.D

Acq: 25 Nov 2020 13:15

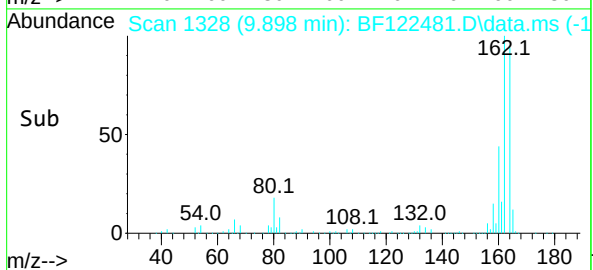
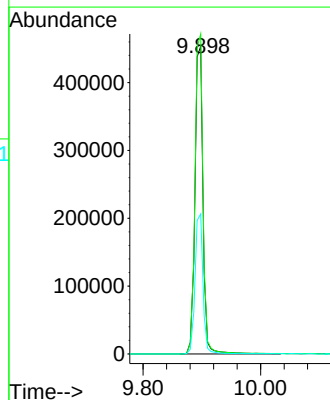
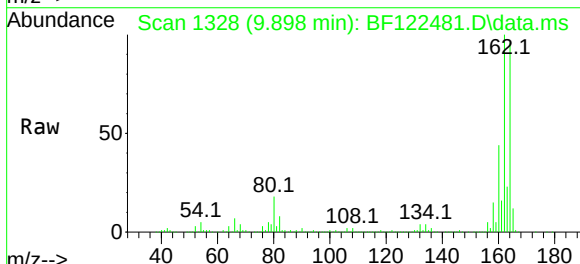
Tgt Ion:164 Resp: 429785

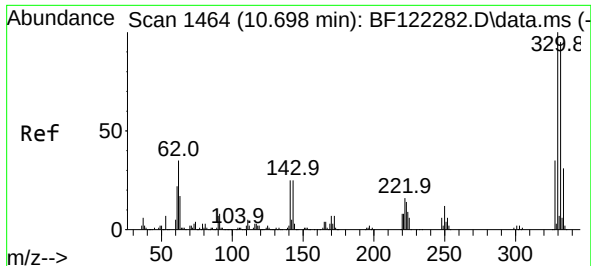
Ion Ratio Lower Upper

164 100

162 104.0 83.2 124.8

160 45.5 37.5 56.3





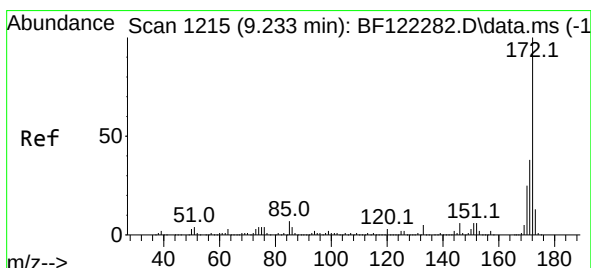
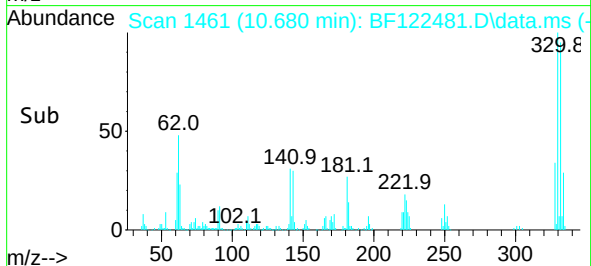
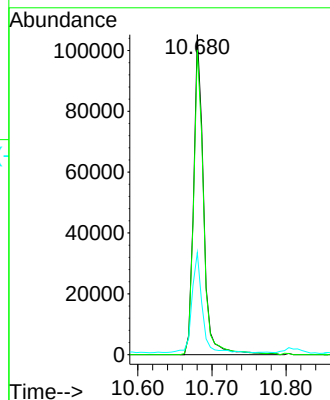
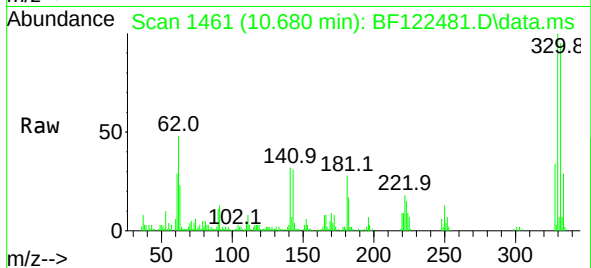
#42
2,4,6-Tribromophenol
Concen: 21.23 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF122481.D
Acq: 25 Nov 2020 13:15

Tgt Ion: 330 Resp: 97907
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 32.1 22.3 33.5

Instrument :
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ClientSampleId :
PAV-B48-112320-0-10

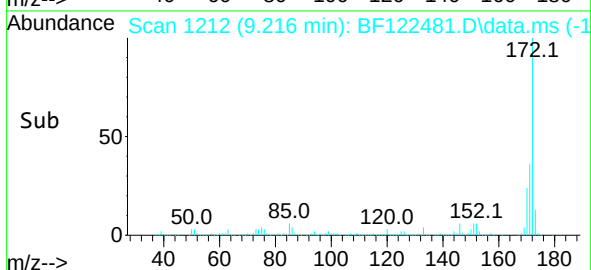
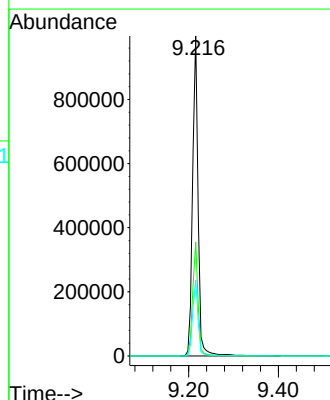
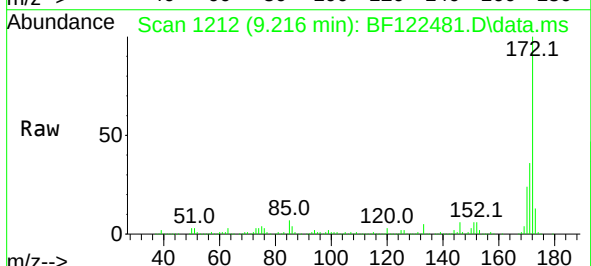
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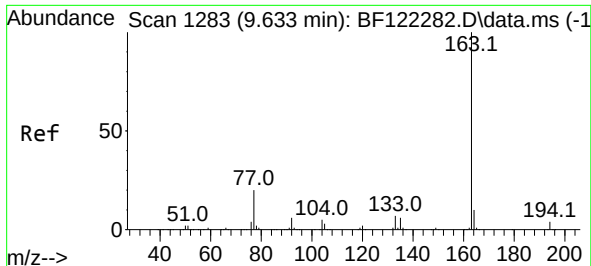
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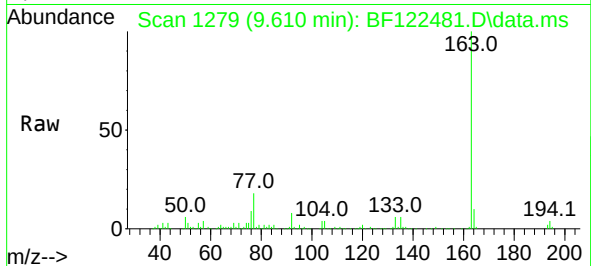
#45
2-Fluorobiphenyl
Concen: 30.94 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF122481.D
Acq: 25 Nov 2020 13:15

Tgt Ion: 172 Resp: 851140
Ion Ratio Lower Upper
172 100
171 35.7 29.1 43.7
170 23.7 19.8 29.6

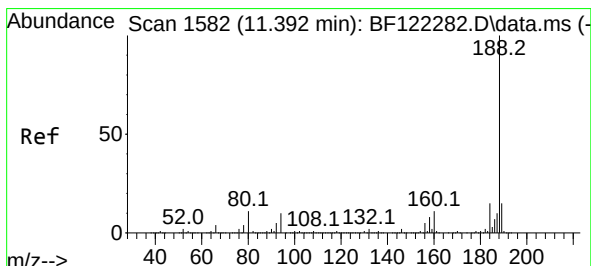
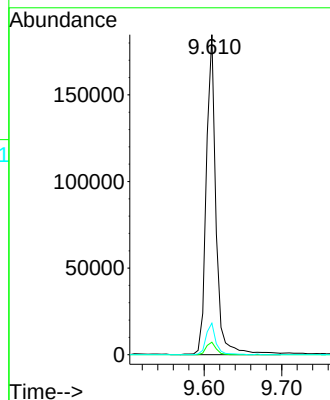
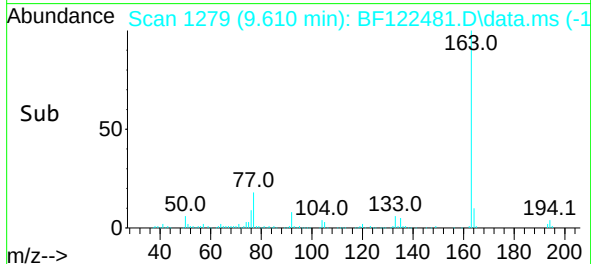




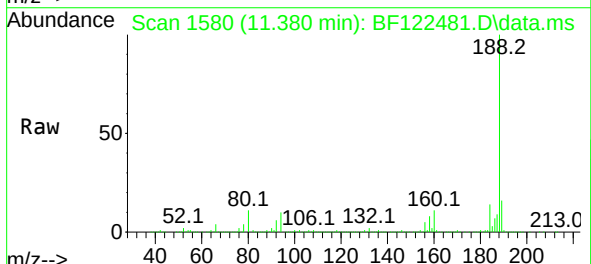
#50
Dimethylphthalate
Concen: 5.26 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122481.D
Acq: 25 Nov 2020 13:15



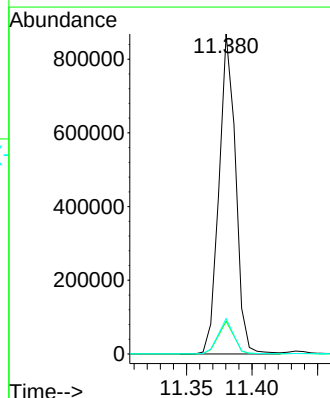
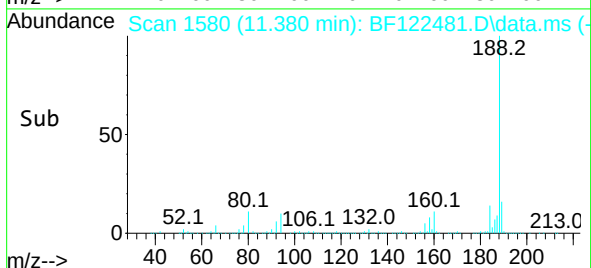
Tgt Ion:163 Resp: 160801
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.8 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF122481.D
Acq: 25 Nov 2020 13:15



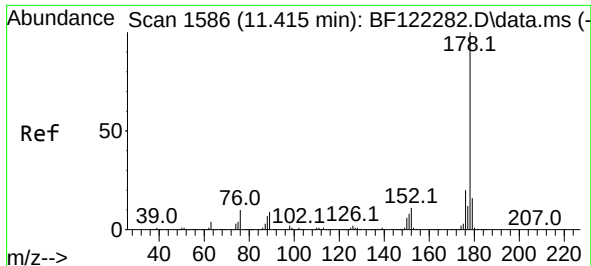
Tgt Ion:188 Resp: 764889
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.0 9.1 13.7



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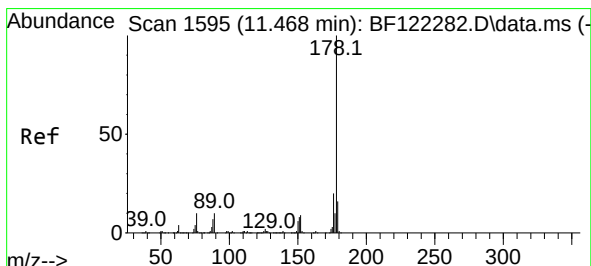
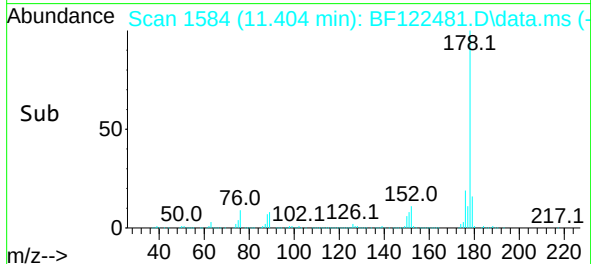
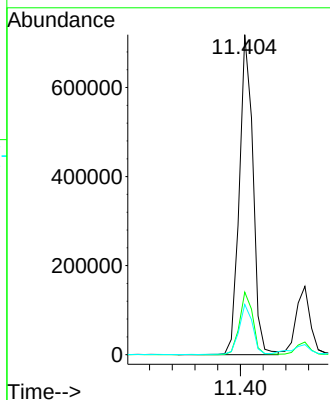
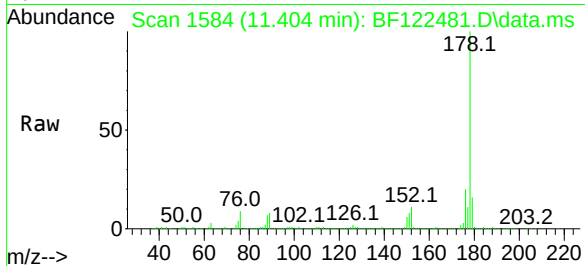
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Phenanthrene
Concen: 13.79 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF122481.D
Acq: 25 Nov 2020 13:15

Tgt Ion:178 Resp: 598610
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 15.7 12.2 18.4

Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-0-10

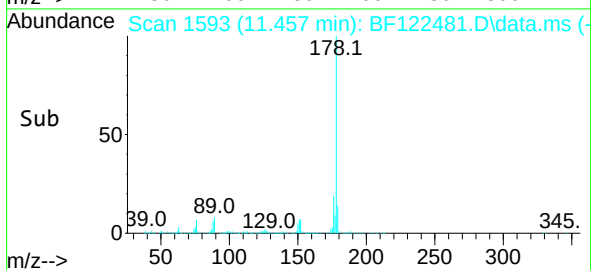
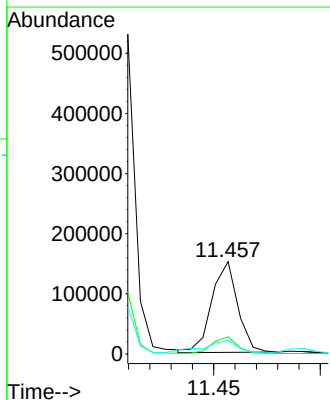
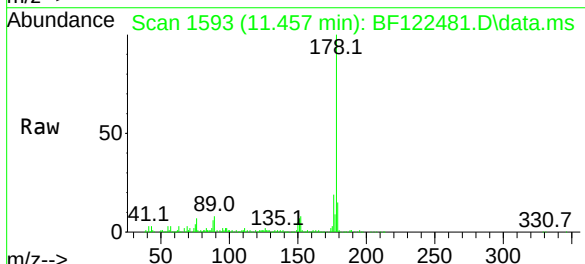
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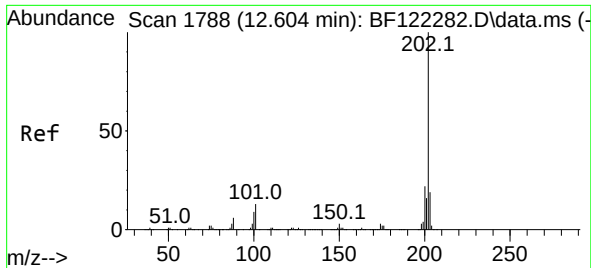
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#72
Anthracene
Concen: 2.86 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BF122481.D
Acq: 25 Nov 2020 13:15

Tgt Ion:178 Resp: 127765
Ion Ratio Lower Upper
178 100
176 18.5 15.7 23.5
179 14.7 12.7 19.1





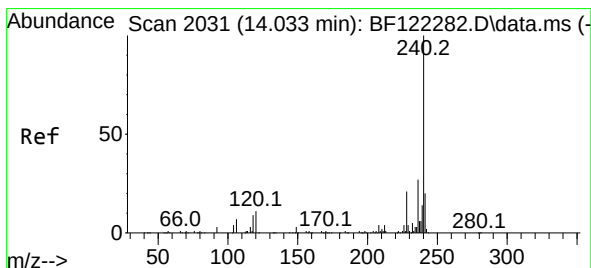
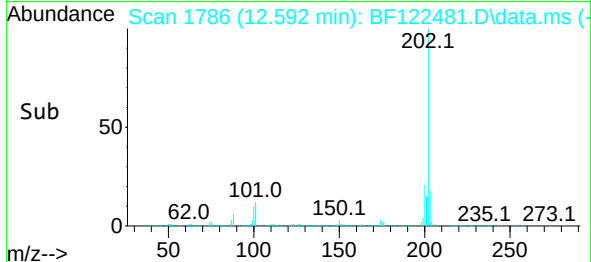
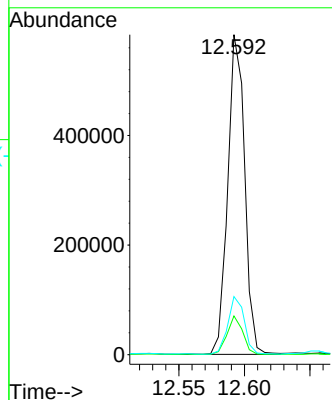
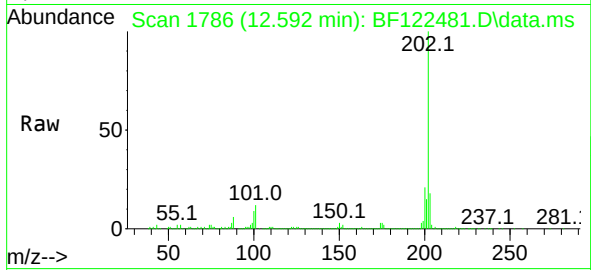
#75
Fluoranthene
Concen: 11.53 ng
RT: 12.592 min Scan# 1786
Delta R.T. -0.012 min
Lab File: BF122481.D
Acq: 25 Nov 2020 13:15

Tgt Ion:202 Resp: 522187
Ion Ratio Lower Upper
202 100
101 12.1 0.0 33.4
203 18.2 0.0 37.9

Instrument :
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ClientSampleId :
PAV-B48-112320-0-10

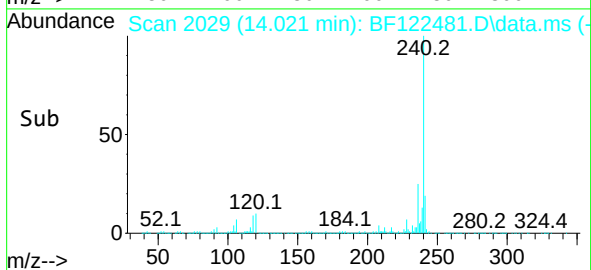
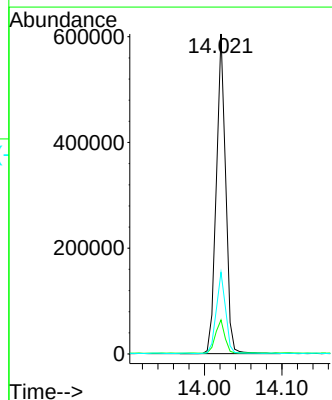
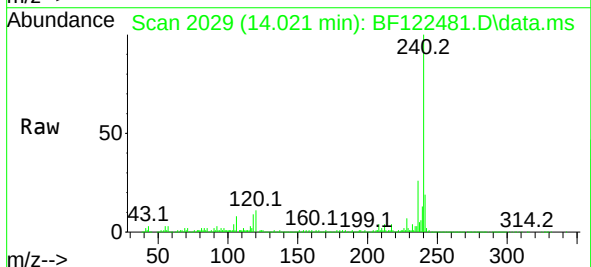
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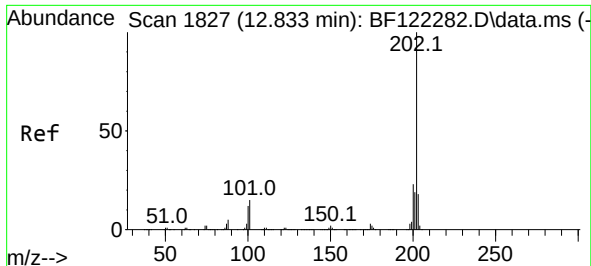
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122481.D
Acq: 25 Nov 2020 13:15

Tgt Ion:240 Resp: 507576
Ion Ratio Lower Upper
240 100
120 10.7 9.2 13.8
236 25.5 20.9 31.3





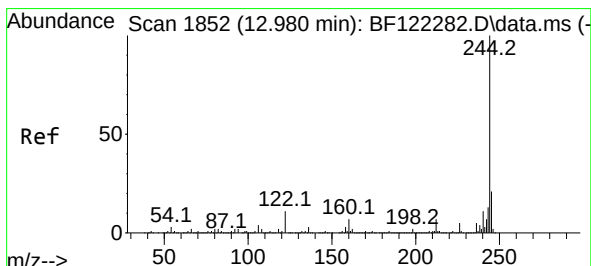
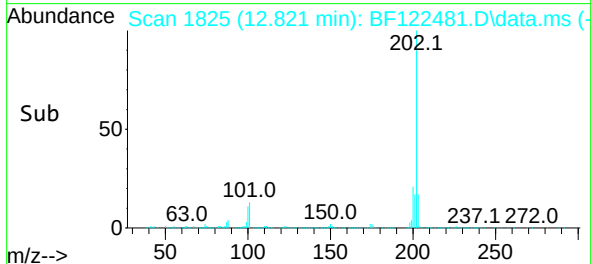
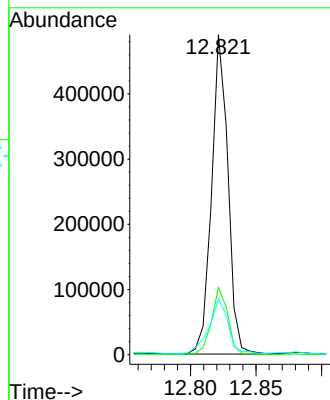
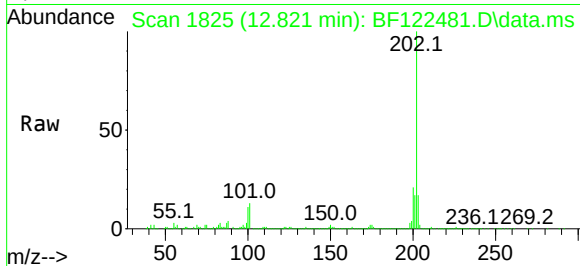
#78
 Pyrene
 Concen: 11.93 ng
 RT: 12.821 min Scan# 1825
 Delta R.T. -0.012 min
 Lab File: BF122481.D
 Acq: 25 Nov 2020 13:15

Tgt Ion:	202	Resp:	425532
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.4	26.2
203	17.4	14.6	21.8

Instrument :
 BNA_F
 ClientSampleId :
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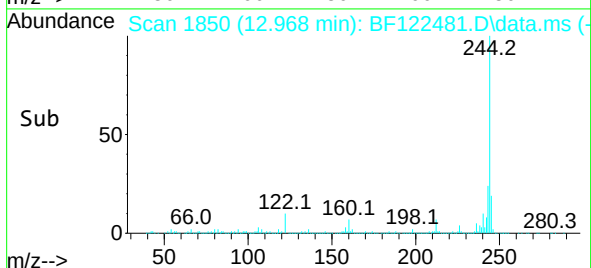
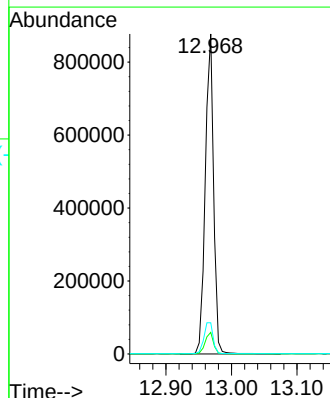
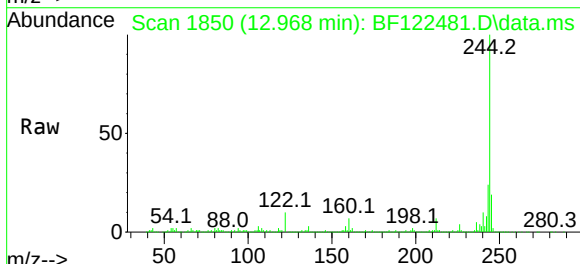
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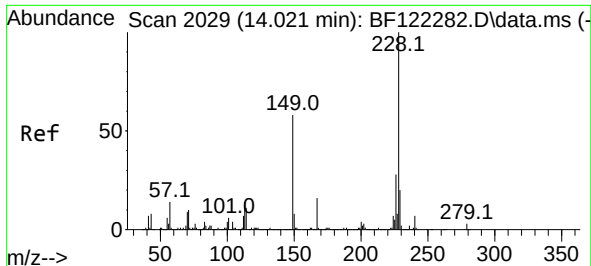
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#79
 Terphenyl-d14
 Concen: 32.33 ng
 RT: 12.968 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF122481.D
 Acq: 25 Nov 2020 13:15

Tgt Ion:	244	Resp:	774608
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.2
122	9.8	8.1	12.1





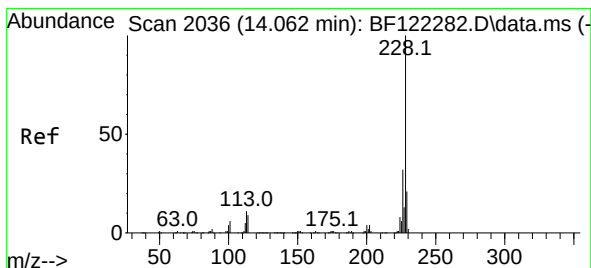
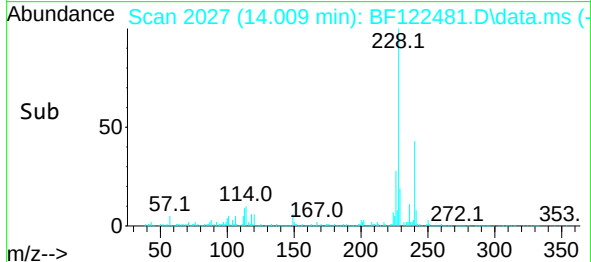
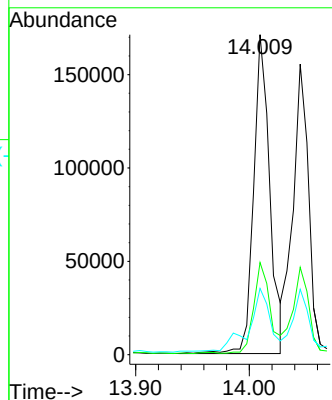
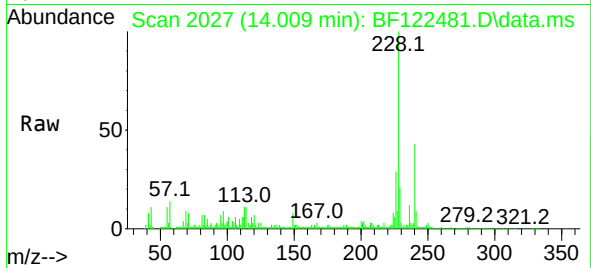
#81
Benzo(a)anthracene
Concen: 5.36 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF122481.D
Acq: 25 Nov 2020 13:15

Tgt Ion:228 Resp: 169274
Ion Ratio Lower Upper
228 100
226 28.8 22.3 33.5
229 20.7 16.2 24.4

Instrument :
BNA_F
ClientSampleId :
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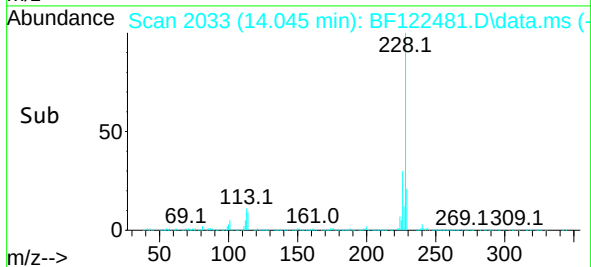
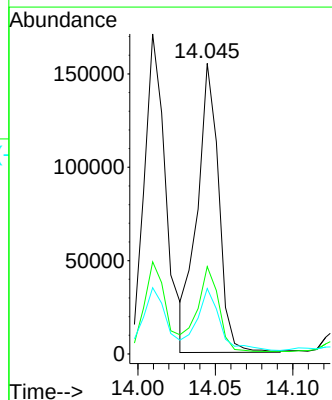
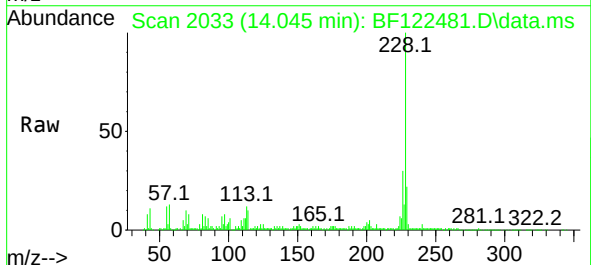
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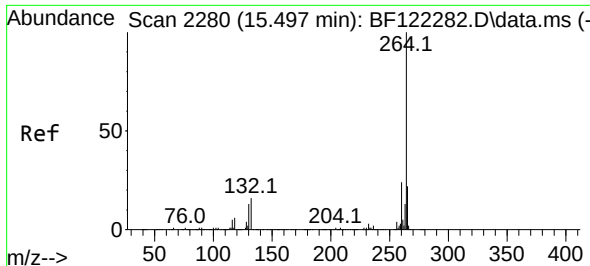
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#83
Chrysene
Concen: 4.70 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.018 min
Lab File: BF122481.D
Acq: 25 Nov 2020 13:15

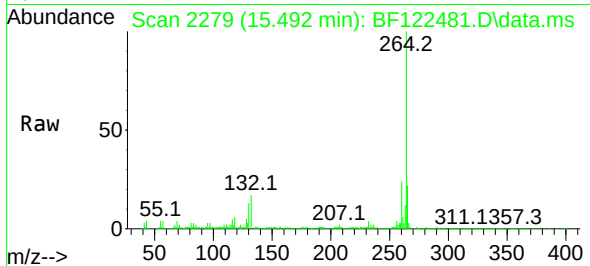
Tgt Ion:228 Resp: 149335
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 22.5 15.9 23.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.012 min
Lab File: BF122481.D
Acq: 25 Nov 2020 13:15

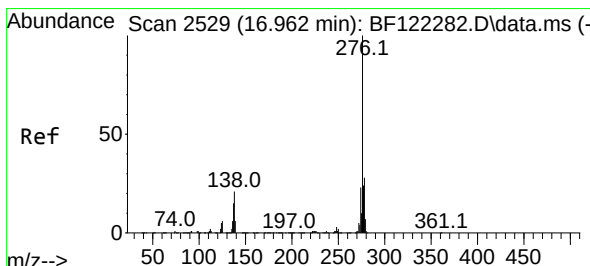
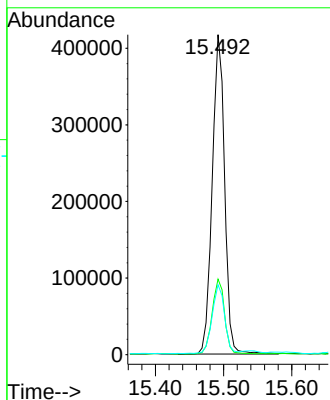
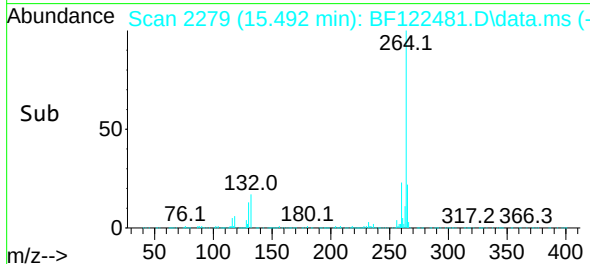
Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-0-10



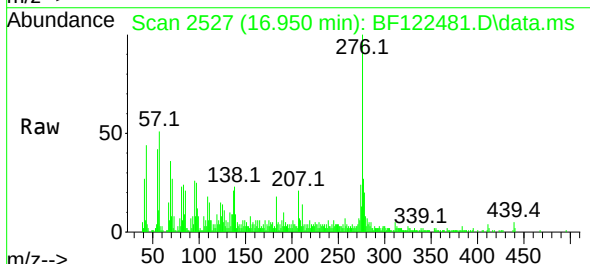
Tgt Ion:264 Resp: 527591
Ion Ratio Lower Upper
264 100
260 23.6 18.7 28.1
265 21.9 17.3 25.9

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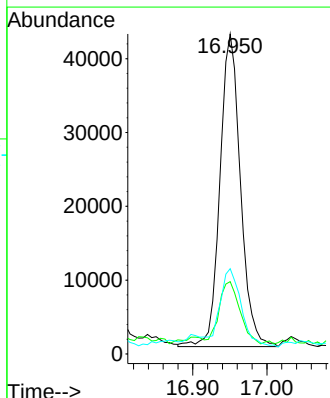
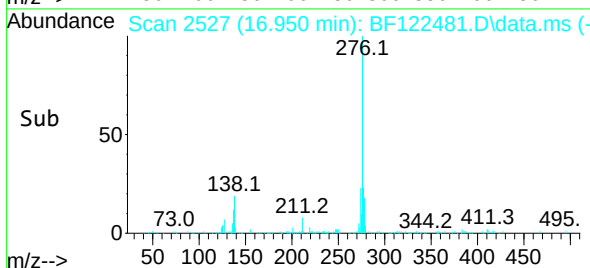
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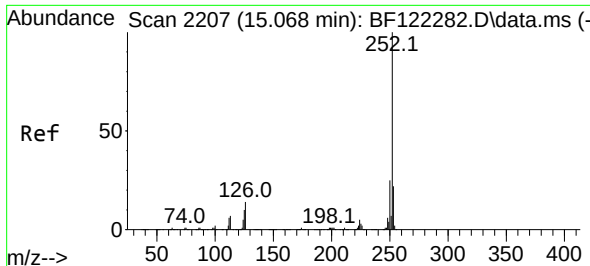


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.57 ng
RT: 16.950 min Scan# 2527
Delta R.T. -0.024 min
Lab File: BF122481.D
Acq: 25 Nov 2020 13:15



Tgt Ion:276 Resp: 81498
Ion Ratio Lower Upper
276 100
138 20.2 19.9 29.9
277 26.2 20.4 30.6





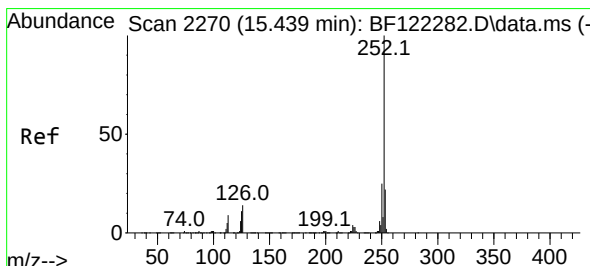
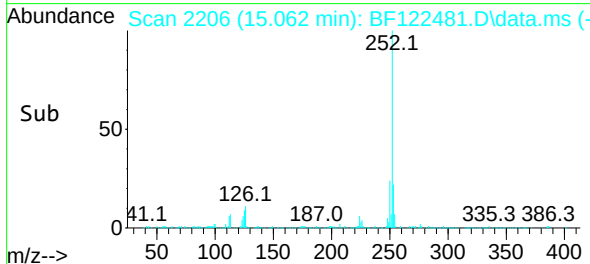
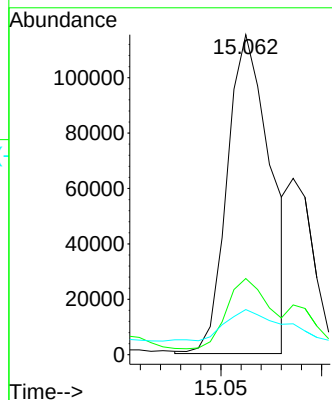
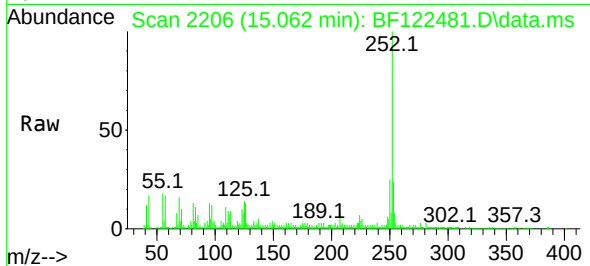
#88
Benzo(b)fluoranthene
Concen: 5.03 ng m
RT: 15.062 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BF122481.D
Acq: 25 Nov 2020 13:15

Tgt Ion:252 Resp: 171747
Ion Ratio Lower Upper
252 100
253 23.8 18.2 27.2
125 14.1 8.0 12.0#

Instrument :
BNA_F
ClientSampleId :
PAV-B48-112320-0-10

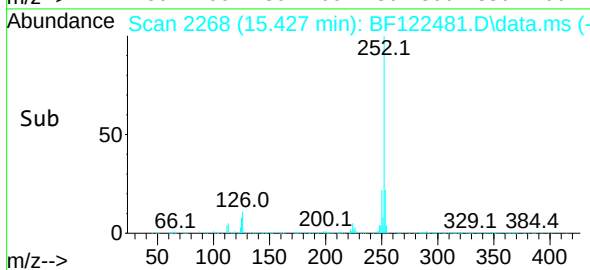
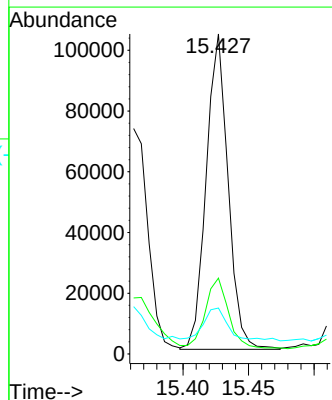
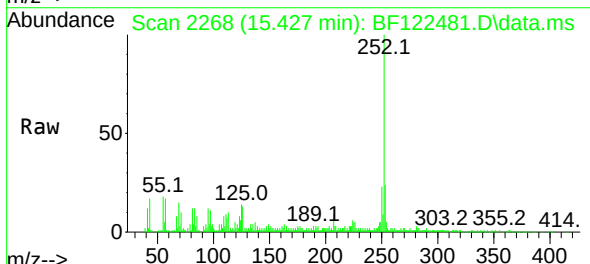
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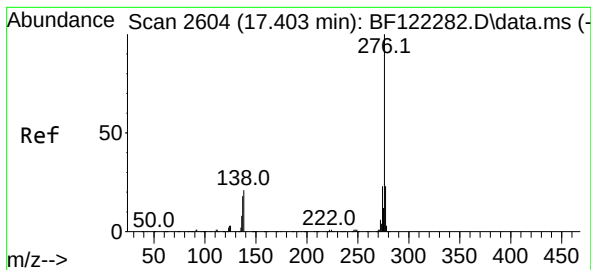
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#90
Benzo(a)pyrene
Concen: 4.05 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.018 min
Lab File: BF122481.D
Acq: 25 Nov 2020 13:15

Tgt Ion:252 Resp: 120735
Ion Ratio Lower Upper
252 100
253 23.7 17.3 25.9
125 14.3 8.6 13.0#





#92

Benzo(g,h,i)perylene

Concen: 3.18 ng

RT: 17.397 min Scan# 2603

Delta R.T. -0.024 min

Lab File: BF122481.D

Acq: 25 Nov 2020 13:15

Tgt Ion: 276 Resp: 81984

Ion Ratio Lower Upper

276 100

277 26.3 19.4 29.2

138 20.5 17.8 26.6

Instrument :

BNA_F

ClientSampleId :

PAV-B48-112320-0-10

Manual Integrations

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