

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120320\
 Data File : BF122538.D
 Acq On : 3 Dec 2020 15:25
 Operator : JU/CG
 Sample : L4911-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SK-12-1-SPC

Manual Integrations
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Quant Time: Dec 03 16:01:51 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	206587	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	790173	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	419875	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	765510	20.00	ng	0.00
76) Chrysene-d12	14.021	240	588400	20.00	ng	-0.01
86) Perylene-d12	15.492	264	527488	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1174933	87.33	ng	0.00
7) Phenol-d6	6.487	99	1473072	83.69	ng	-0.01
23) Nitrobenzene-d5	7.416	82	922464	71.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	447746	99.36	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1629883	60.65	ng	0.00
79) Terphenyl-d14	12.969	244	1669718	60.12	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.498	94	66932	3.86	ng	77
32) Benzoic acid	7.881	122	12263m	9.32	ng	
50) Dimethylphthalate	9.610	163	74844	2.51	ng	100
75) Fluoranthene	12.592	202	286526	6.32	ng	98
78) Pyrene	12.822	202	291479	7.05	ng	98
81) Benzo(a)anthracene	14.010	228	149114	4.07	ng	97
83) Chrysene	14.045	228	162043	4.40	ng	98
87) Indeno(1,2,3-cd)pyrene	16.957	276	79176	2.50	ng	95
88) Benzo(b)fluoranthene	15.063	252	207983m	6.09	ng	
89) Benzo(k)fluoranthene	15.092	252	76834m	2.31	ng	
90) Benzo(a)pyrene	15.427	252	98038	3.29	ng	96
92) Benzo(g,h,i)perylene	17.398	276	77745	3.02	ng	96

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

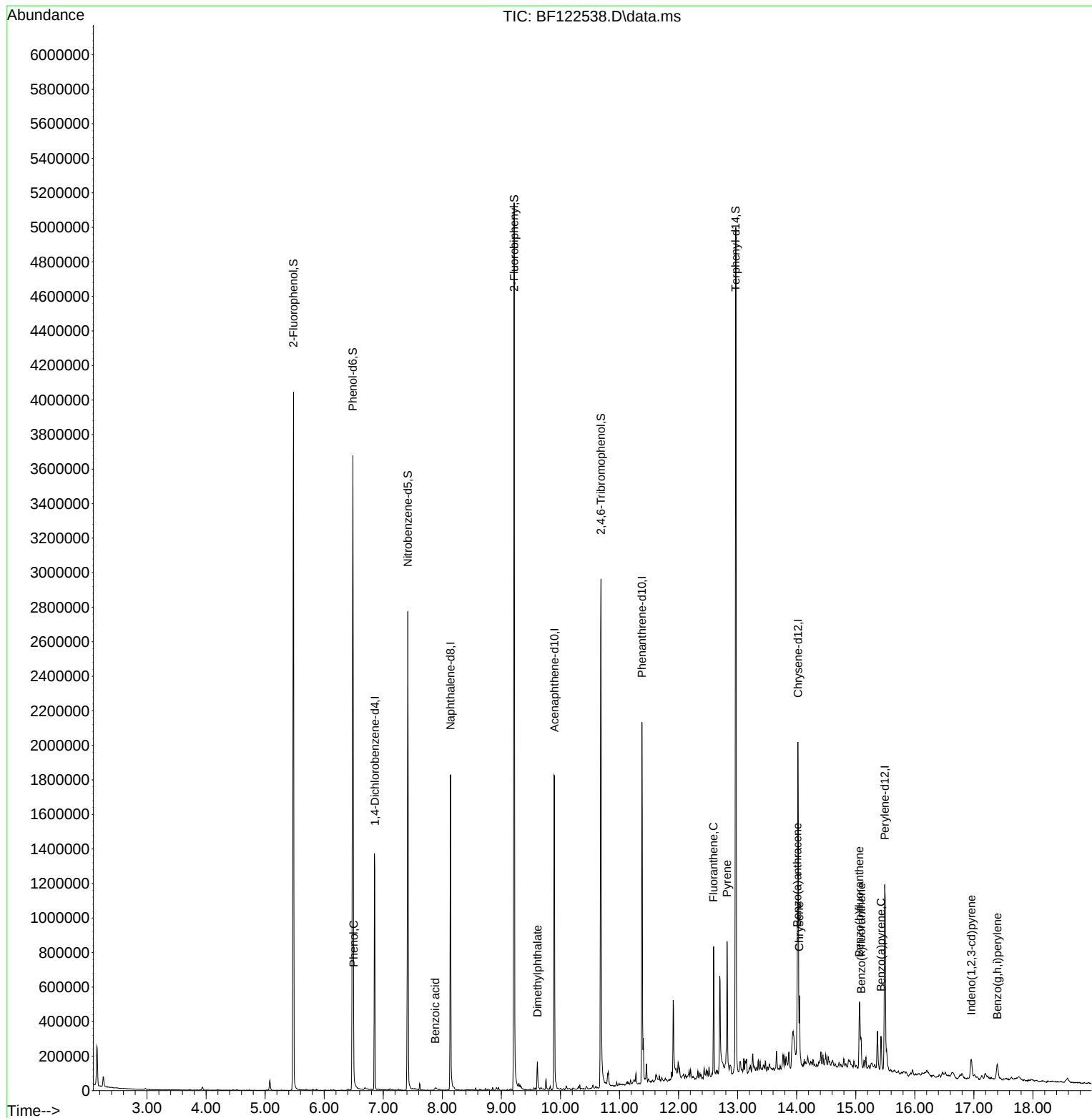
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Data File : BF122538.D
Acq On : 3 Dec 2020 15:25
Operator : JU/CG
Sample : L4911-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

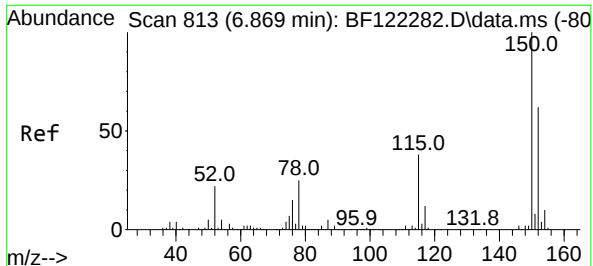
Instrument :
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ClientSampleId :
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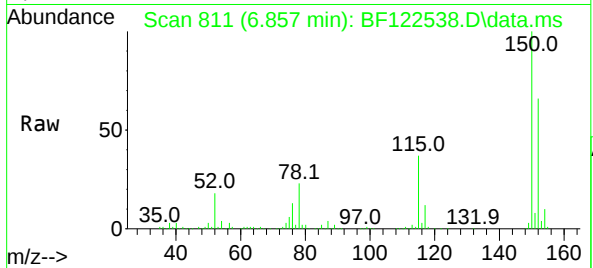
Quant Time: Dec 03 16:01:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

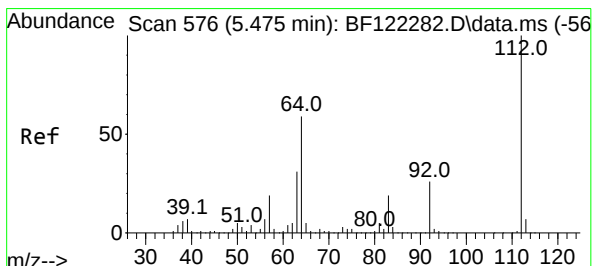
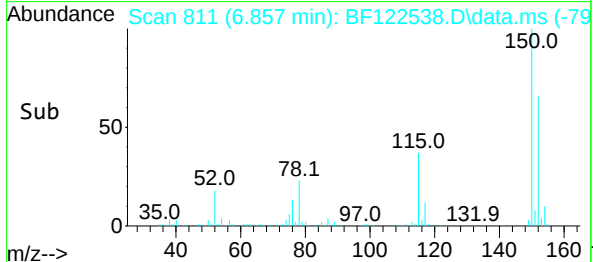
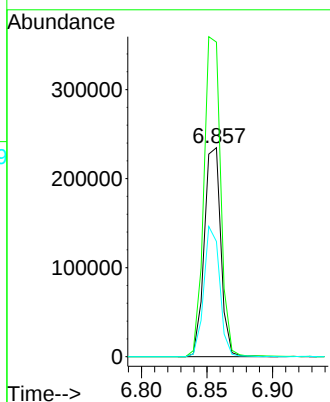
Instrument :
BNA_F
ClientSampleId :
SK-12-1-SPC



Tgt Ion:152 Resp: 206587
Ion Ratio Lower Upper
152 100
150 150.6 125.3 187.9
115 55.2 51.9 77.9

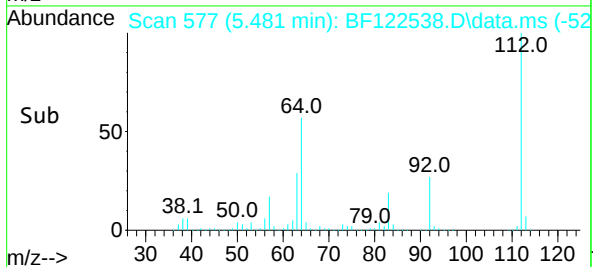
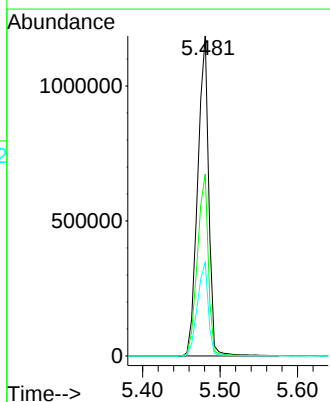
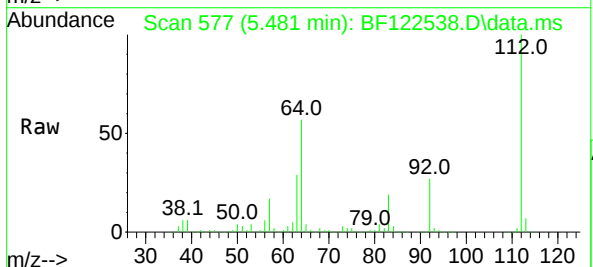
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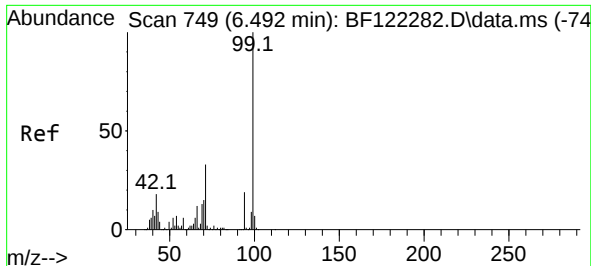
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#5
2-Fluorophenol
Concen: 87.33 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

Tgt Ion:112 Resp: 1174933
Ion Ratio Lower Upper
112 100
64 56.8 50.4 75.6
63 29.3 25.8 38.6





#7
Phenol-d6
Concen: 83.69 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

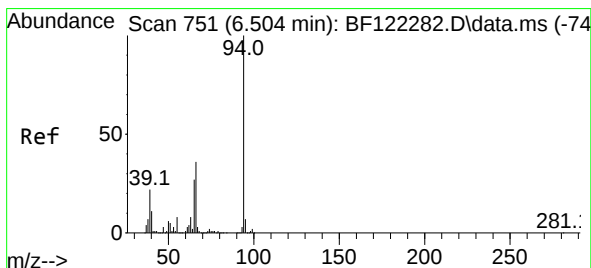
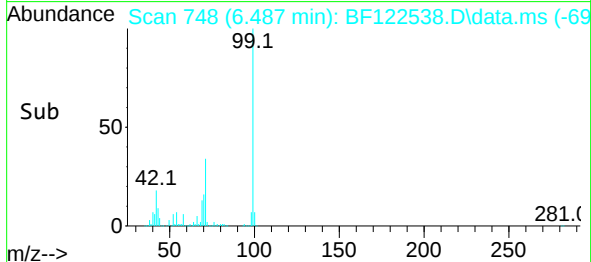
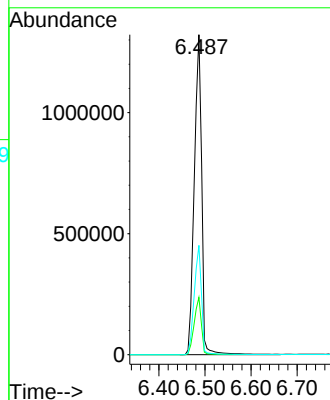
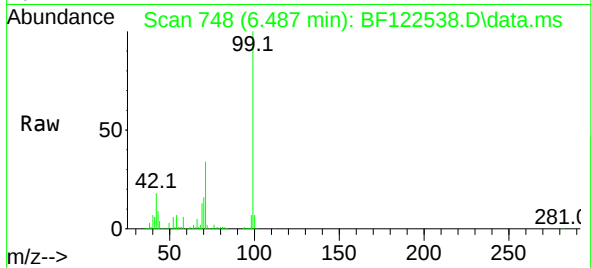
Tgt Ion: 99 Resp: 1473072

Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.9	23.9
71	34.2	27.1	40.7

Instrument :
BNA_F
ClientSampleId :
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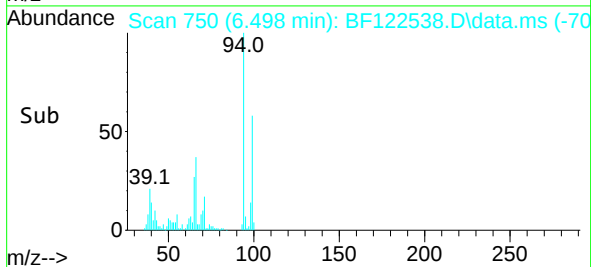
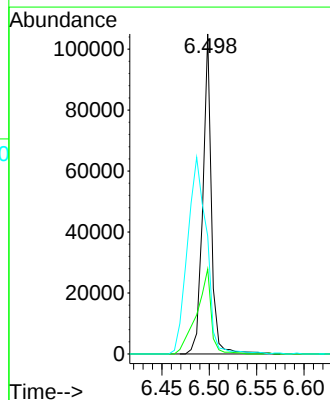
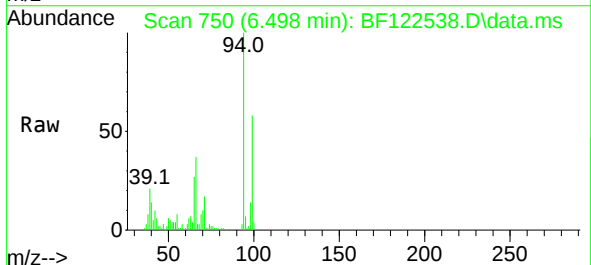
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#10
Phenol
Concen: 3.86 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

Tgt Ion: 94 Resp: 66932

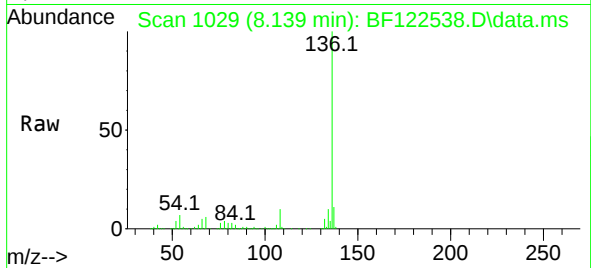
Ion	Ratio	Lower	Upper
94	100		
65	26.6	17.1	57.1
66	36.8	36.0	76.0





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

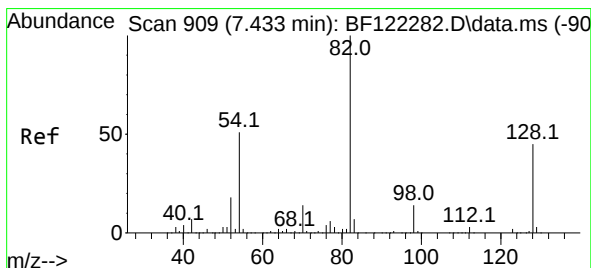
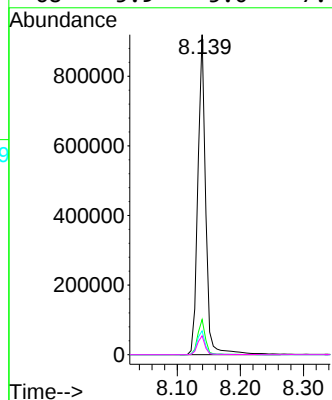
Instrument :
BNA_F
ClientSampleId :
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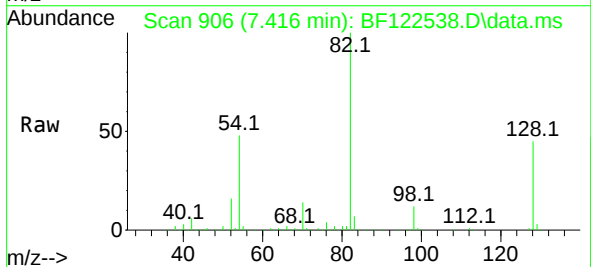
Tgt Ion:	136	Resp:	790173
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.4	7.1	10.7
68	5.9	5.0	7.4

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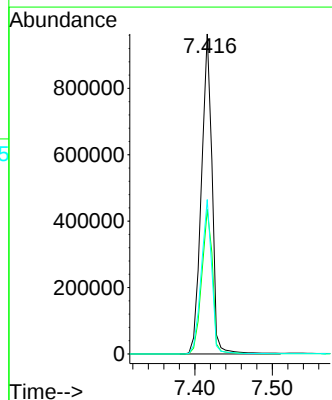
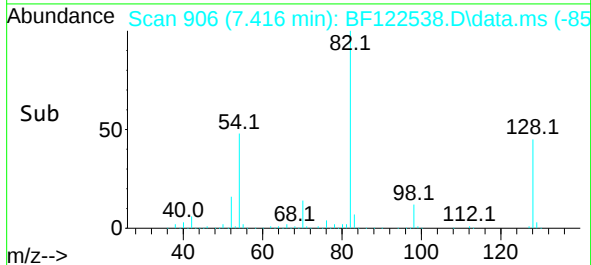
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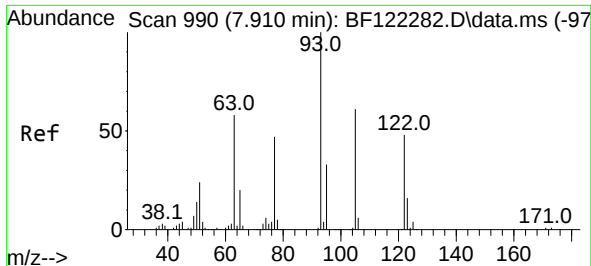


#23
Nitrobenzene-d5
Concen: 71.47 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25



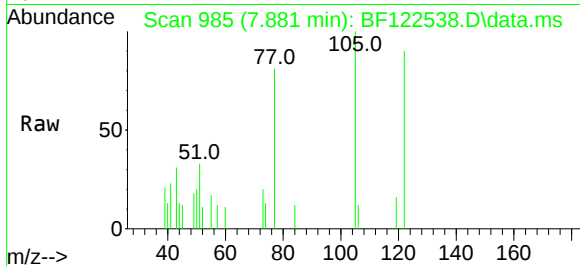
Tgt Ion:	82	Resp:	922464
Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.0	52.4
54	48.2	43.9	65.9





#32
Benzoic acid
Concen: 9.32 ng m
RT: 7.881 min Scan# 985
Delta R.T. -0.053 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

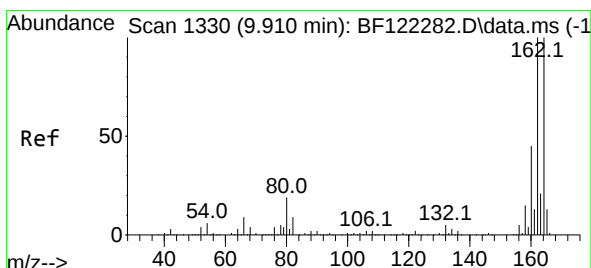
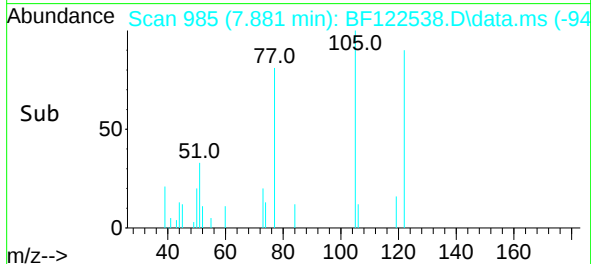
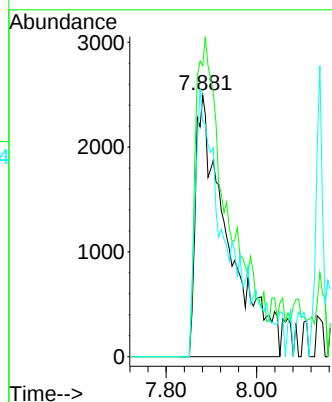
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
122	100		
105	111.3	103.3	143.3
77	89.9	73.9	113.9

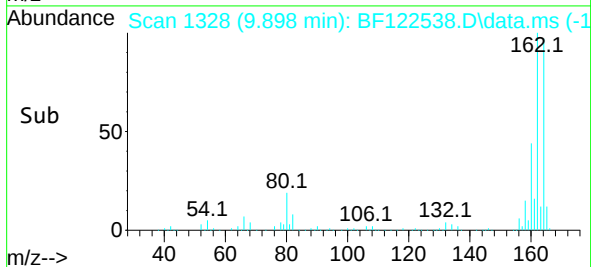
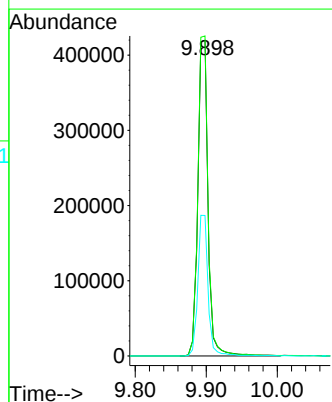
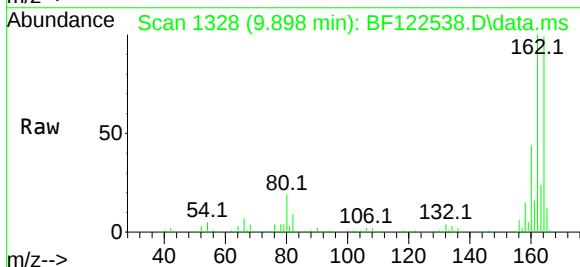
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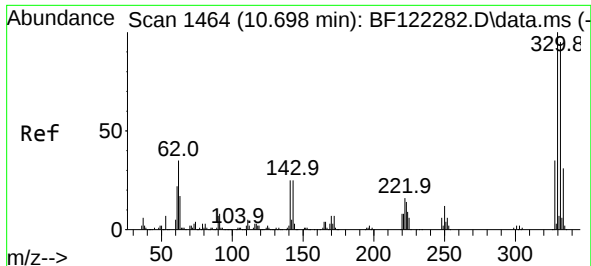
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

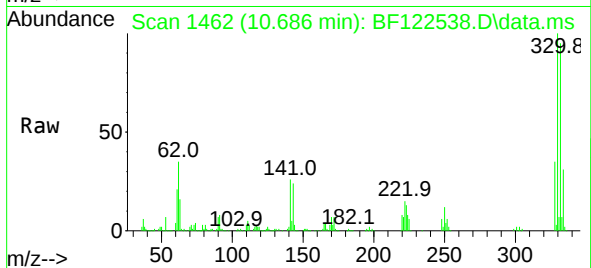
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.2	124.8
160	44.5	37.5	56.3





#42
2,4,6-Tribromophenol
Concen: 99.36 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

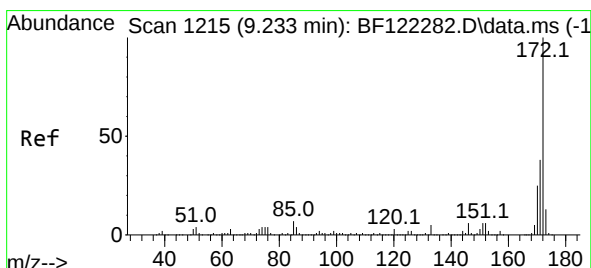
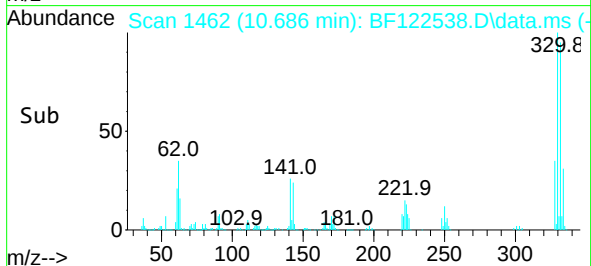
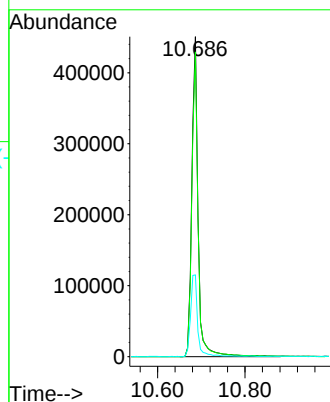
Instrument :
BNA_F
ClientSampleId :
SK-12-1-SPC



Tgt Ion: 330 Resp: 447746
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 29.2 22.3 33.5

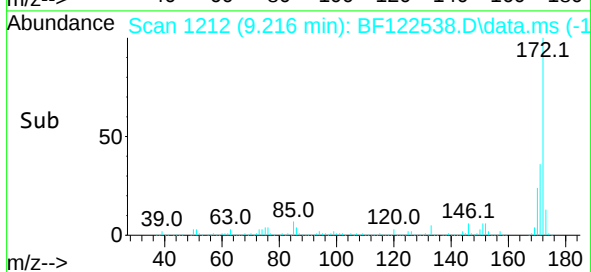
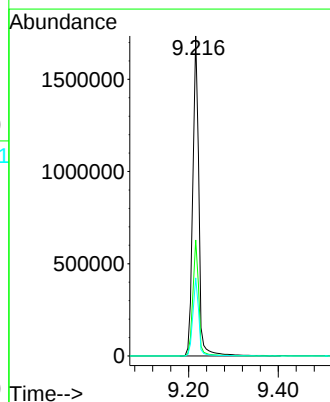
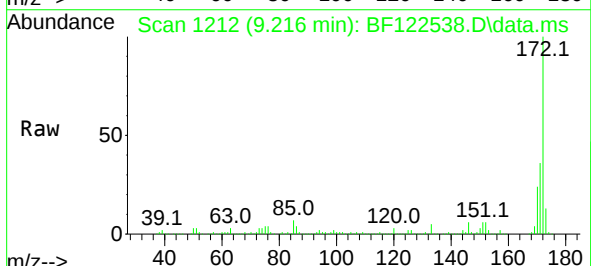
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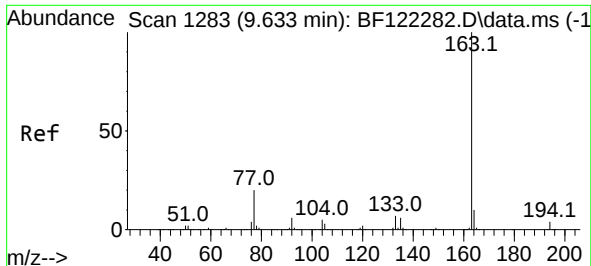
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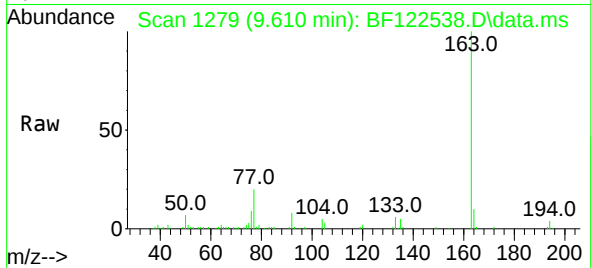
#45
2-Fluorobiphenyl
Concen: 60.65 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

Tgt Ion: 172 Resp: 1629883
Ion Ratio Lower Upper
172 100
171 36.3 29.1 43.7
170 24.4 19.8 29.6

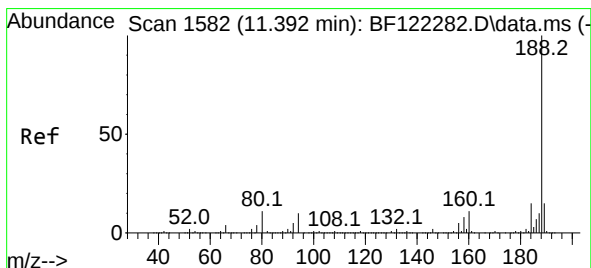
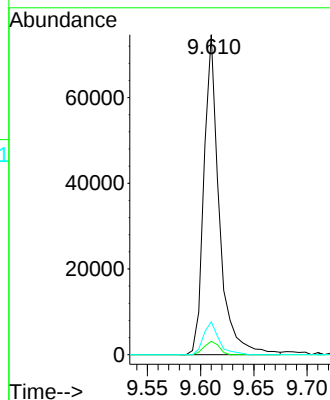
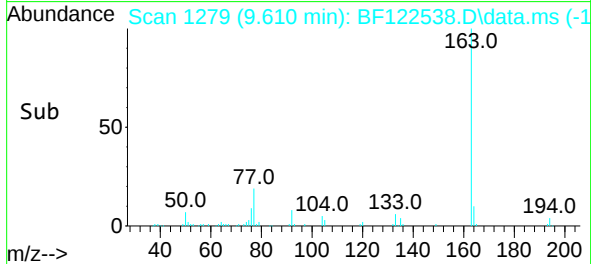




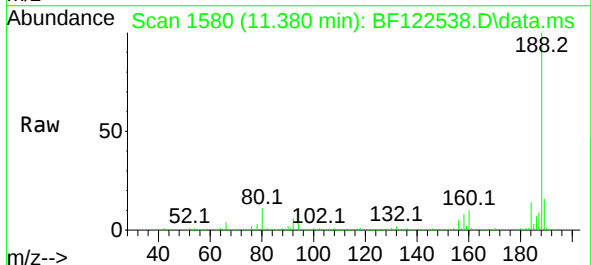
#50
Dimethylphthalate
Concen: 2.51 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25



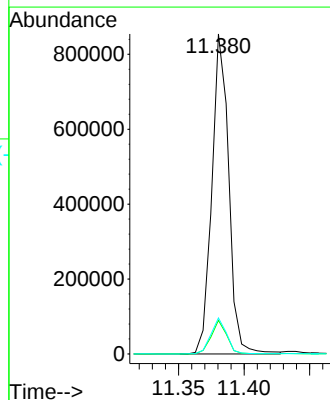
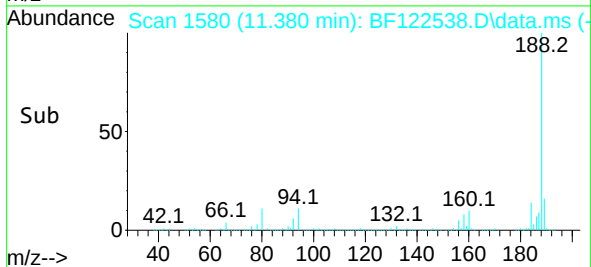
Tgt Ion:163 Resp: 74844
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.2 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25



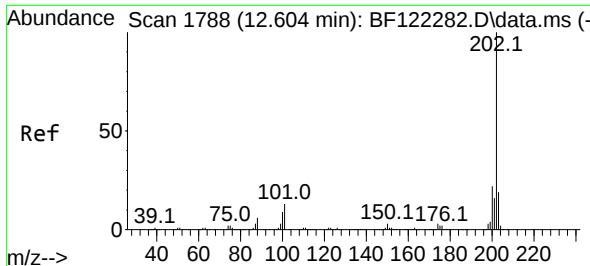
Tgt Ion:188 Resp: 765510
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.2 9.1 13.7



Instrument :
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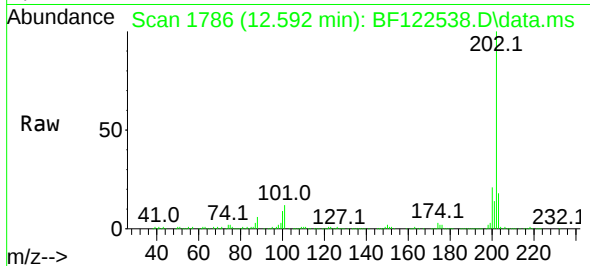
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#75
Fluoranthene
Concen: 6.32 ng
RT: 12.592 min Scan# 1786
Delta R.T. -0.012 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

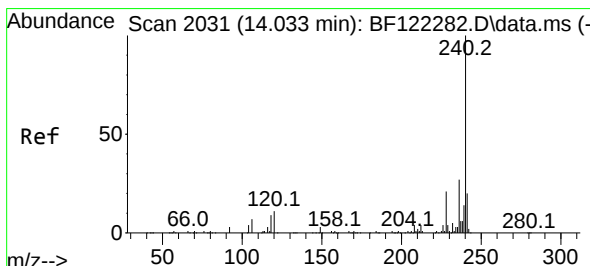
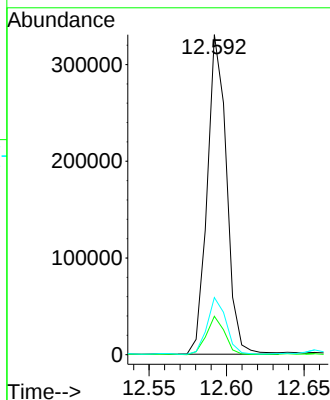
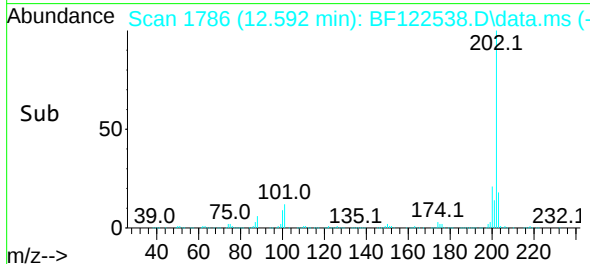
Instrument :
BNA_F
ClientSampleId :
SK-12-1-SPC



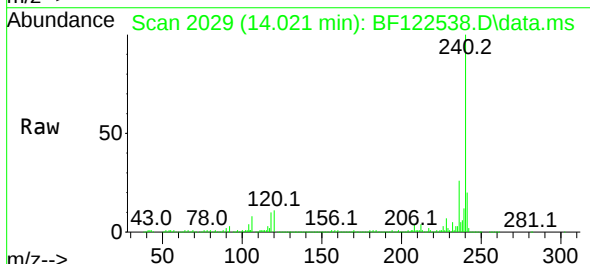
Tgt Ion:202 Resp: 286526
Ion Ratio Lower Upper
202 100
101 12.0 0.0 33.4
203 17.9 0.0 37.9

Manual Integrations
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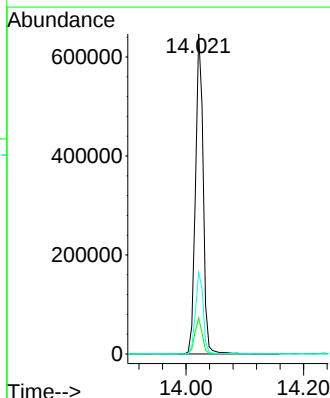
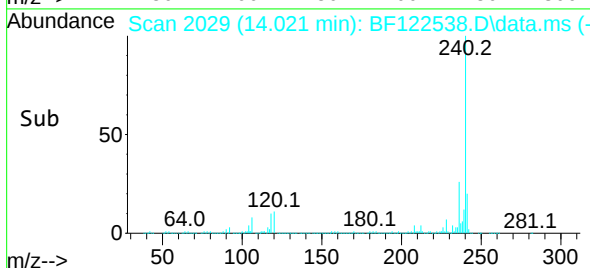
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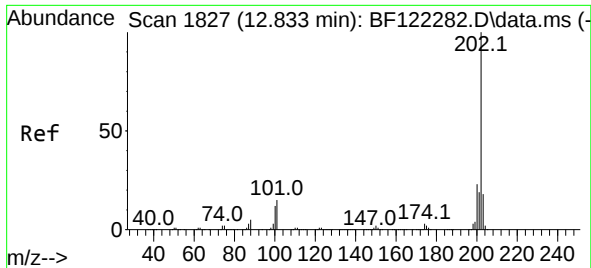


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25



Tgt Ion:240 Resp: 588400
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.5 20.9 31.3





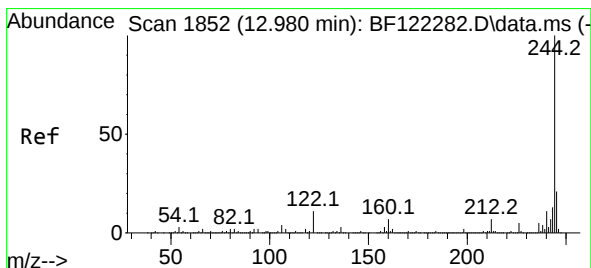
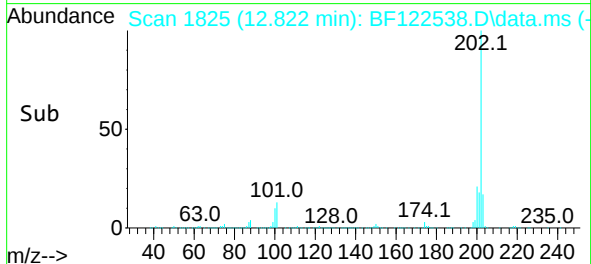
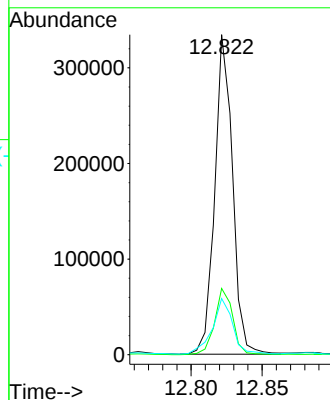
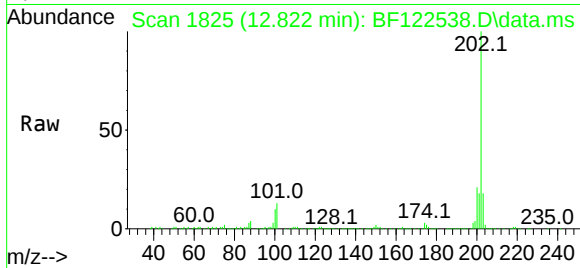
#78
Pyrene
Concen: 7.05 ng
RT: 12.822 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

Tgt Ion:202 Resp: 291479
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 17.5 14.6 21.8

Instrument :
BNA_F
ClientSampleId :
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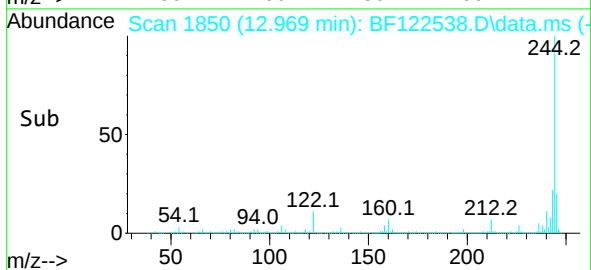
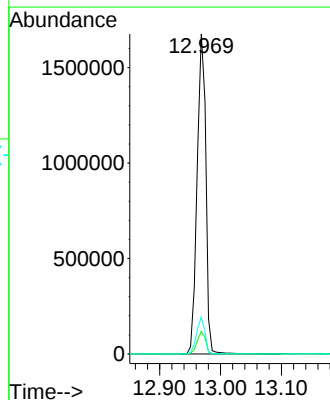
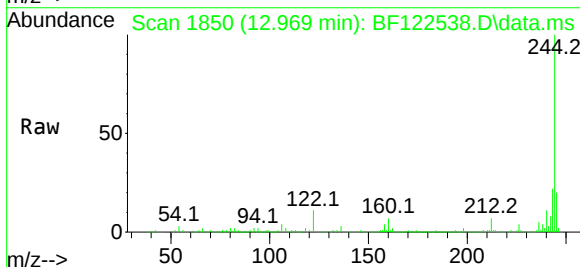
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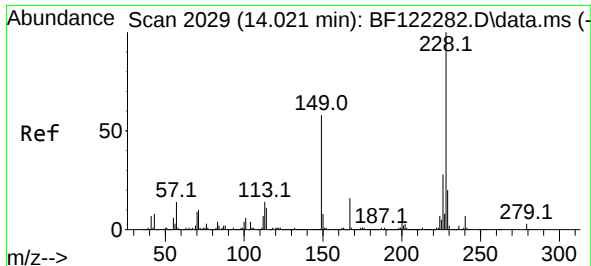
mohammad
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#79
Terphenyl-d14
Concen: 60.12 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

Tgt Ion:244 Resp: 1669718
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.5 8.1 12.1





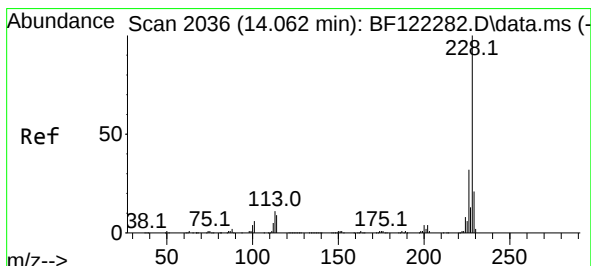
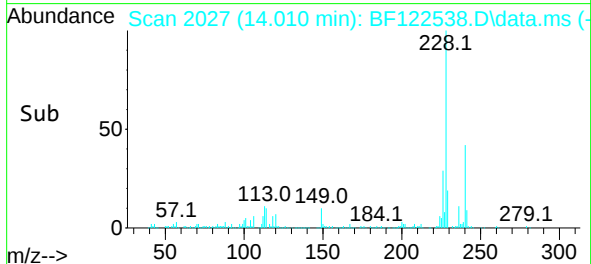
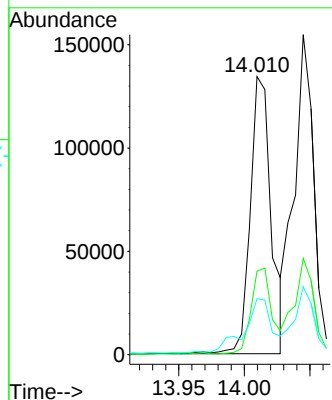
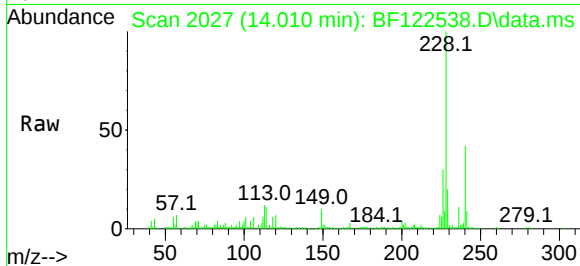
#81
Benzo(a)anthracene
Concen: 4.07 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

Tgt Ion:228 Resp: 149114
Ion Ratio Lower Upper
228 100
226 30.0 22.3 33.5
229 20.1 16.2 24.4

Instrument :
BNA_F
ClientSampleId :
SK-12-1-SPC

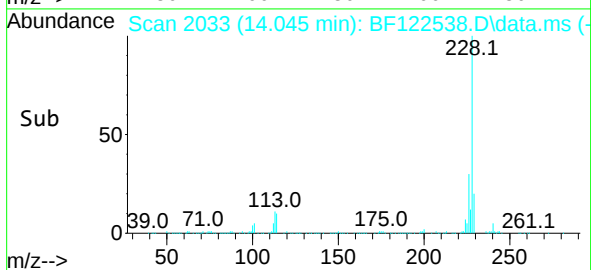
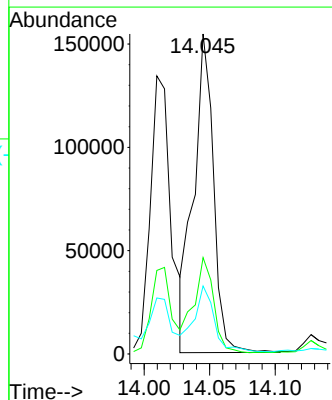
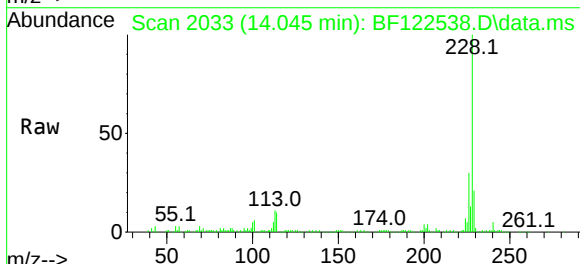
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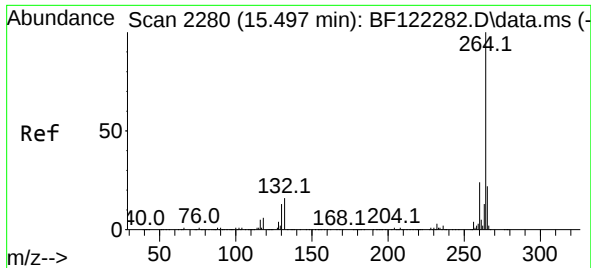
mohammad
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#83
Chrysene
Concen: 4.40 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.018 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

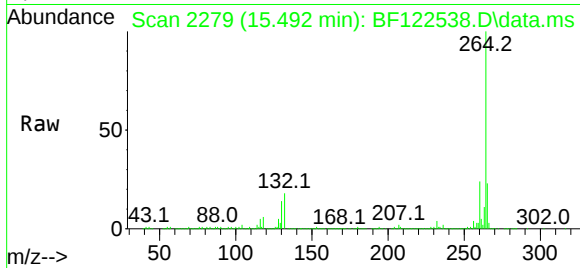
Tgt Ion:228 Resp: 162043
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 21.3 15.9 23.9





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.012 min
 Lab File: BF122538.D
 Acq: 3 Dec 2020 15:25

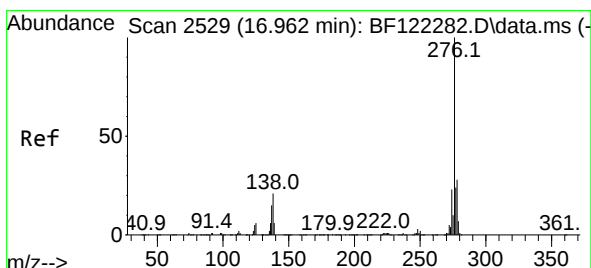
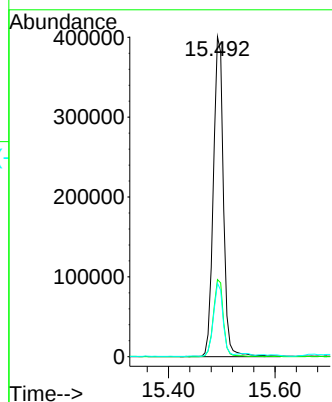
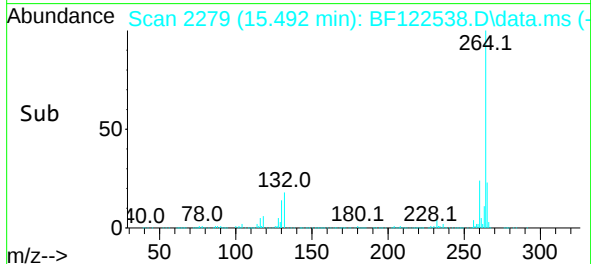
Instrument :
 BNA_F
 ClientSampleId :
 SK-12-1-SPC



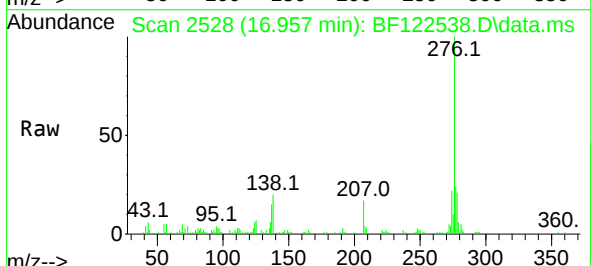
Tgt Ion:264 Resp: 527488
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 23.0 17.3 25.9

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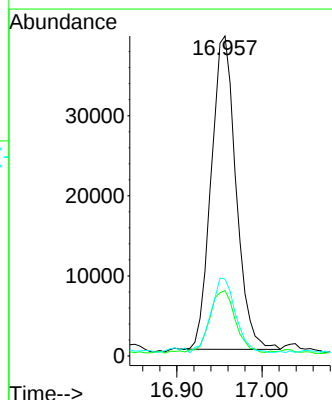
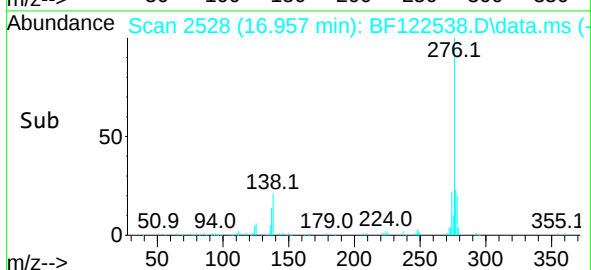
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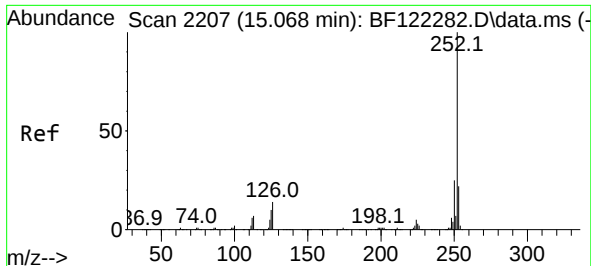


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.50 ng
 RT: 16.957 min Scan# 2528
 Delta R.T. -0.018 min
 Lab File: BF122538.D
 Acq: 3 Dec 2020 15:25



Tgt Ion:276 Resp: 79176
 Ion Ratio Lower Upper
 276 100
 138 21.2 19.9 29.9
 277 24.0 20.4 30.6





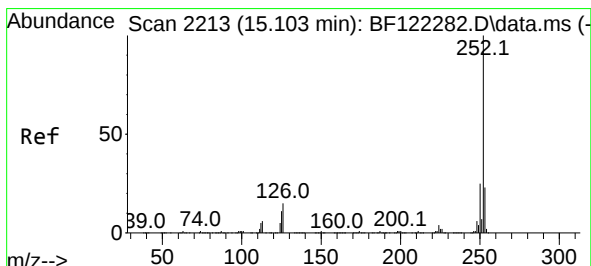
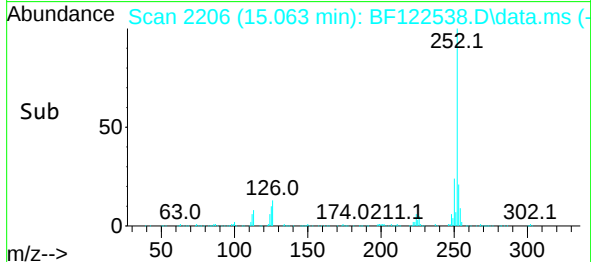
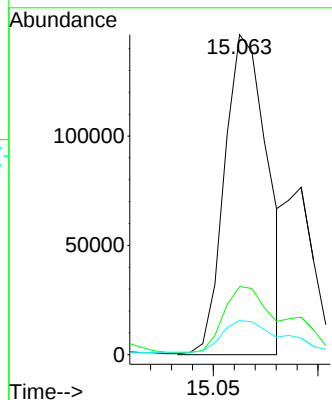
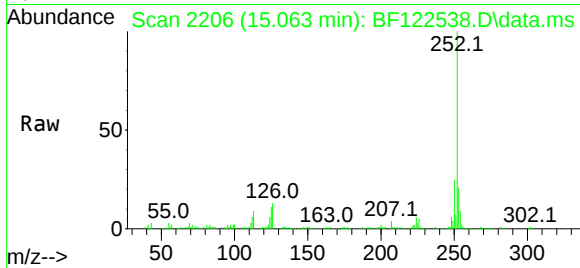
#88
Benzo(b)fluoranthene
Concen: 6.09 ng m
RT: 15.063 min Scan# 2206
Delta R.T. -0.012 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

Tgt Ion:252 Resp: 207983
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.2
125 10.7 8.0 12.0

Instrument :
BNA_F
ClientSampleId :
SK-12-1-SPC

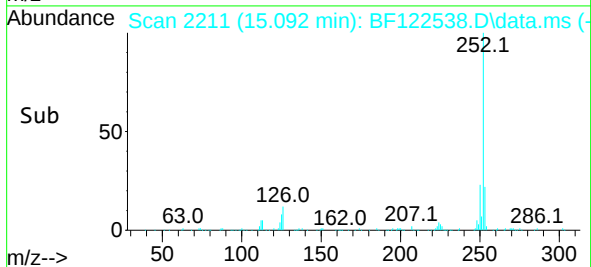
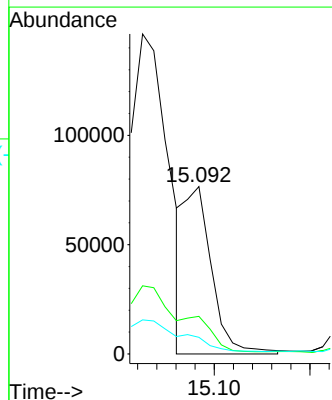
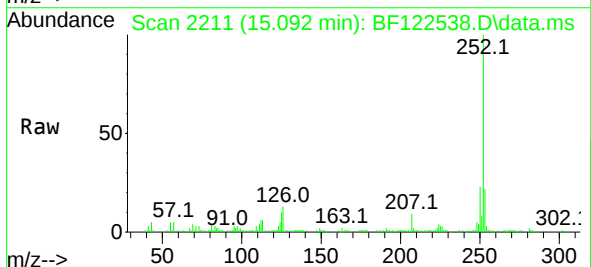
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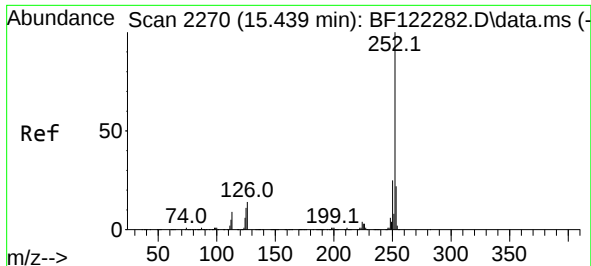
mohammad
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#89
Benzo(k)fluoranthene
Concen: 2.31 ng m
RT: 15.092 min Scan# 2211
Delta R.T. -0.018 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

Tgt Ion:252 Resp: 76834
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 9.9 7.7 11.5





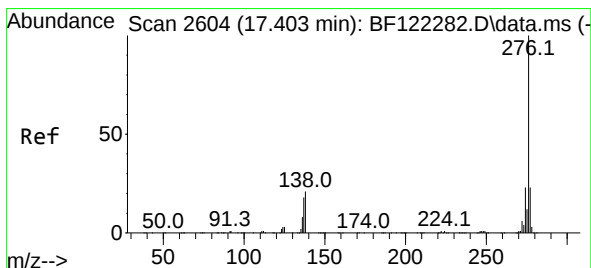
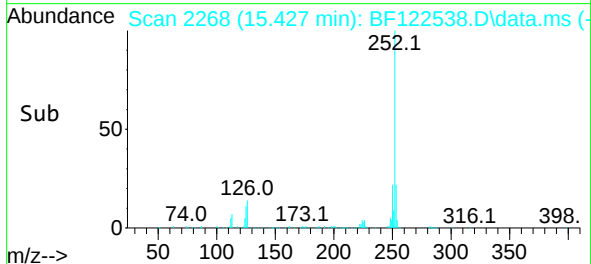
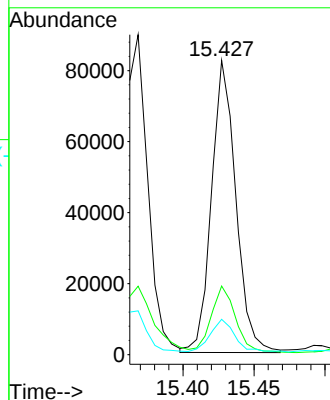
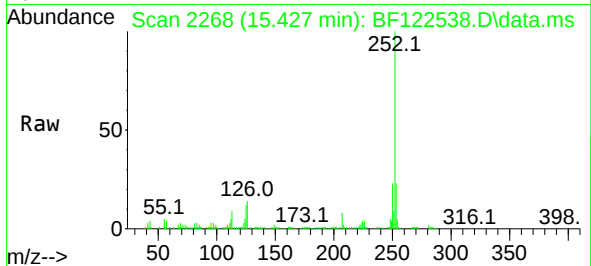
#90
Benzo(a)pyrene
Concen: 3.29 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.018 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

Tgt Ion:252 Resp: 98038
Ion Ratio Lower Upper
252 100
253 23.3 17.3 25.9
125 12.0 8.6 13.0

Instrument :
BNA_F
ClientSampleId :
SK-12-1-SPC

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#92
Benzo(g,h,i)perylene
Concen: 3.02 ng
RT: 17.398 min Scan# 2603
Delta R.T. -0.024 min
Lab File: BF122538.D
Acq: 3 Dec 2020 15:25

Tgt Ion:276 Resp: 77745
Ion Ratio Lower Upper
276 100
277 24.5 19.4 29.2
138 18.7 17.8 26.6

