

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120120\
 Data File : BF122525.D
 Acq On : 1 Dec 2020 16:56
 Operator : JU/CG
 Sample : L4909-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROCK-HILL-SLOPE-EMBANKMENT-

Manual Integrations
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Quant Time: Dec 01 17:36:24 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	193460	20.00	ng	0.00
21) Naphthalene-d8	8.140	136	755876	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	405436	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	766281	20.00	ng	# 0.00
76) Chrysene-d12	14.027	240	718285	20.00	ng	0.00
86) Perylene-d12	15.498	264	602523	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1559354	123.77	ng	0.00
7) Phenol-d6	6.493	99	1936453	117.49	ng	0.00
23) Nitrobenzene-d5	7.422	82	1243020	100.67	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	631335	145.09	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2028269	78.16	ng	0.00
79) Terphenyl-d14	12.974	244	2264560	66.79	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.498	94	62207	3.83	ng	90
32) Benzoic acid	7.916	122	13927m	9.58	ng	
50) Dimethylphthalate	9.610	163	344006	11.94	ng	99
71) Phenanthrene	11.404	178	102387	2.35	ng	98
78) Pyrene	12.827	202	113128	2.24	ng	97

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

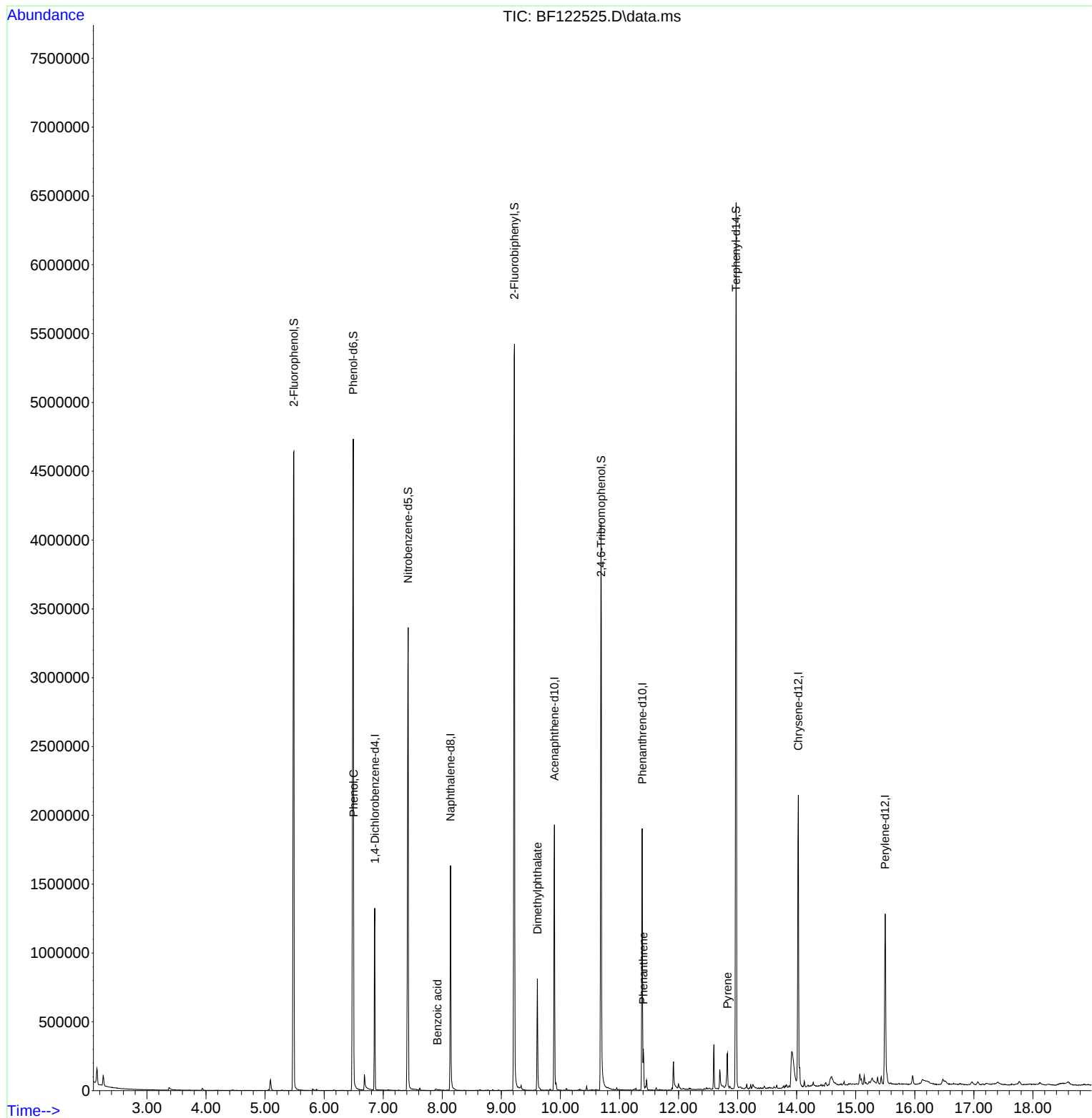
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Data File : BF122525.D
Acq On : 1 Dec 2020 16:56
Operator : JU/CG
Sample : L4909-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

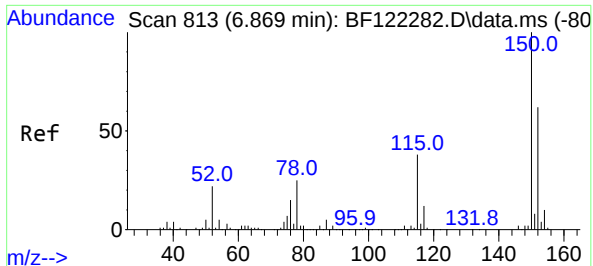
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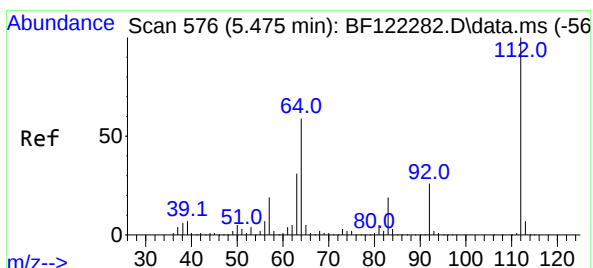
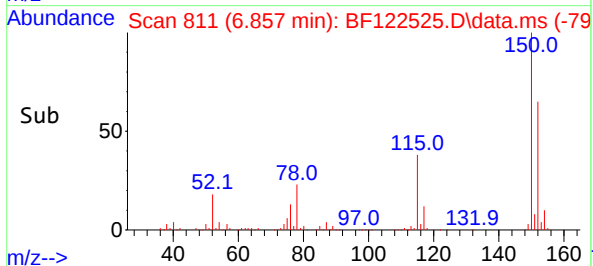
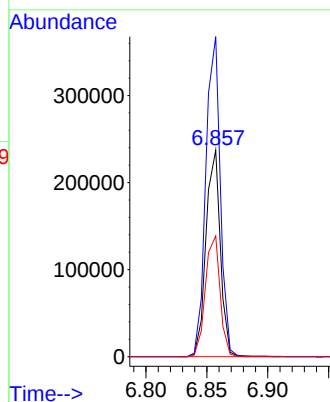
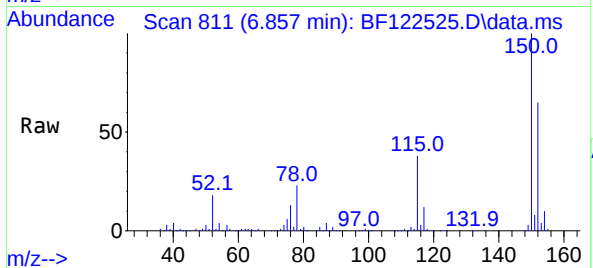
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122525.D
Acq: 1 Dec 2020 16:56

Tgt Ion:152 Resp: 193460
Ion Ratio Lower Upper
152 100
150 154.9 125.3 187.9
115 58.5 51.9 77.9

Instrument :
BNA_F
ClientSampleId :
ROCK-HILL-SLOPE-EMBANKMENT-

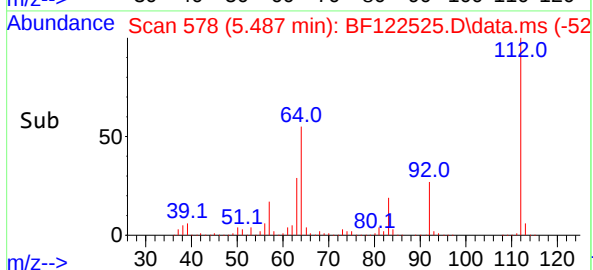
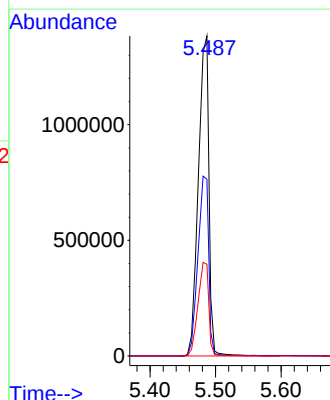
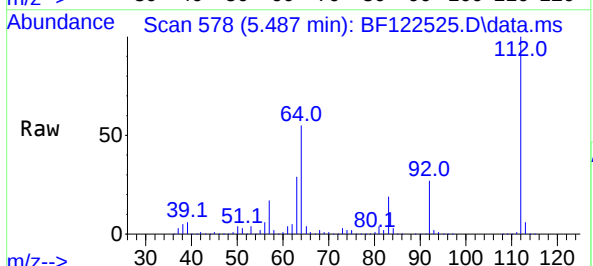
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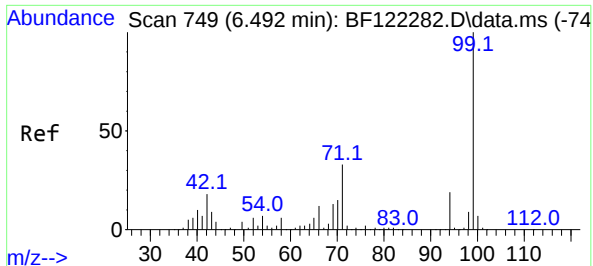
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#5
2-Fluorophenol
Concen: 123.77 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF122525.D
Acq: 1 Dec 2020 16:56

Tgt Ion:112 Resp: 1559354
Ion Ratio Lower Upper
112 100
64 55.2 50.4 75.6
63 28.7 25.8 38.6





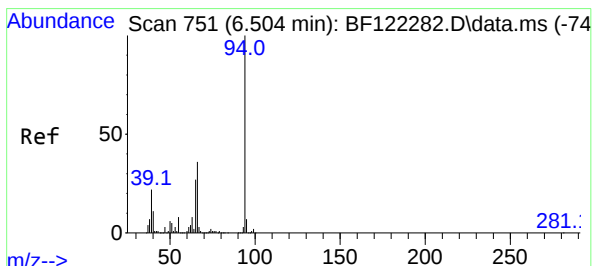
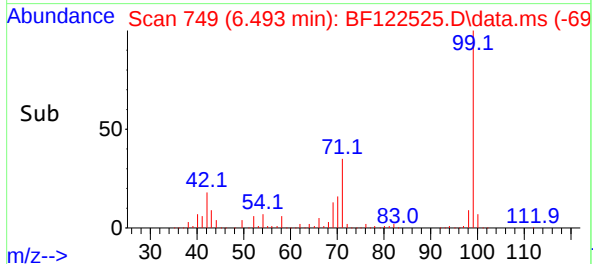
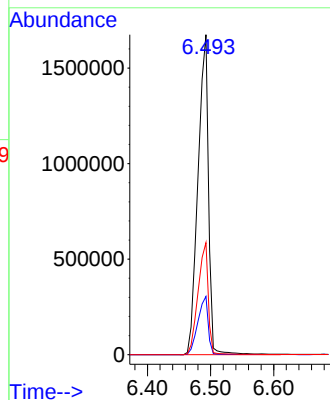
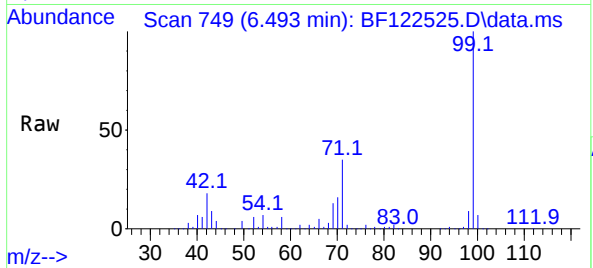
#7
Phenol-d6
Concen: 117.49 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF122525.D
Acq: 1 Dec 2020 16:56

Tgt Ion: 99 Resp: 1936453
Ion Ratio Lower Upper
99 100
42 18.2 15.9 23.9
71 35.0 27.1 40.7

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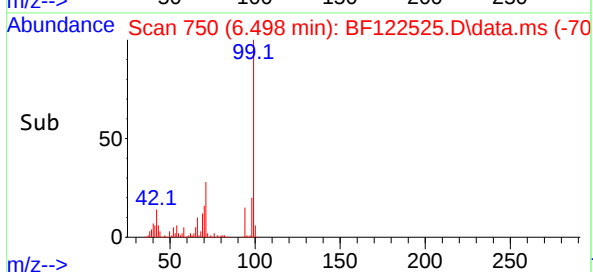
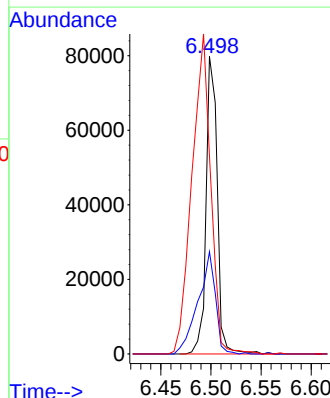
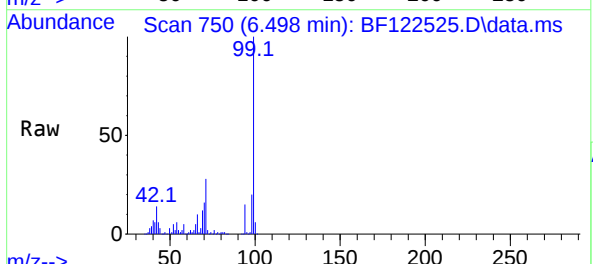
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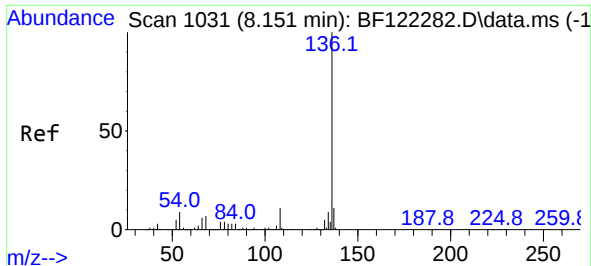
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#10
Phenol
Concen: 3.83 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122525.D
Acq: 1 Dec 2020 16:56

Tgt Ion: 94 Resp: 62207
Ion Ratio Lower Upper
94 100
65 34.4 17.1 57.1
66 66.4 36.0 76.0





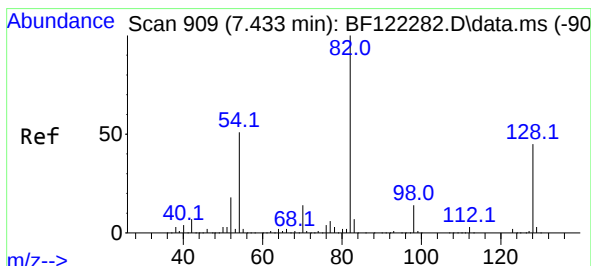
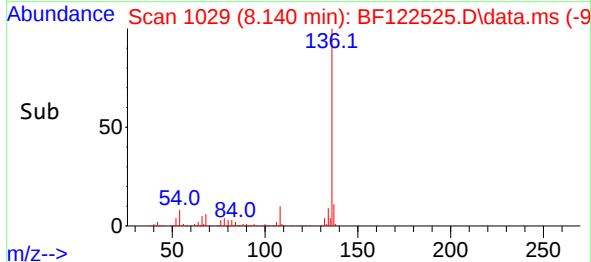
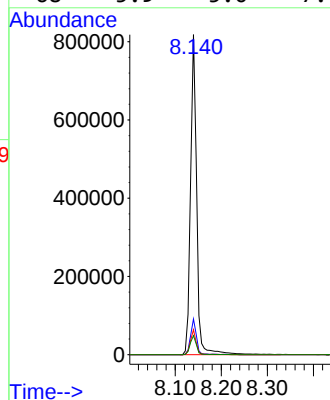
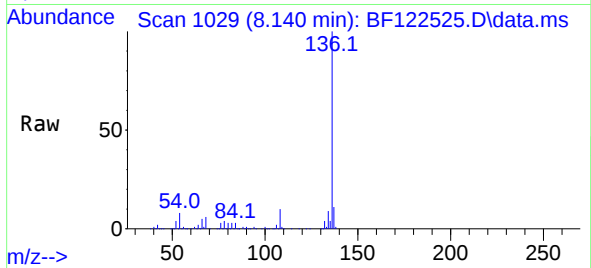
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122525.D
Acq: 1 Dec 2020 16:56

Tgt Ion:	136	Resp:	755876
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.8	7.1	10.7
68	5.9	5.0	7.4

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BNA_F
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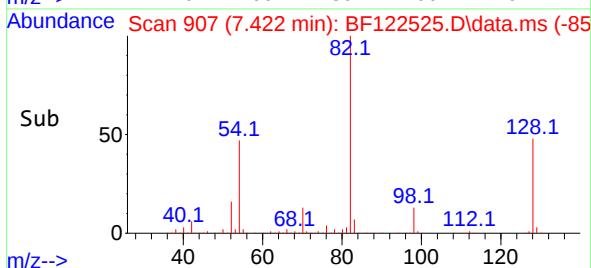
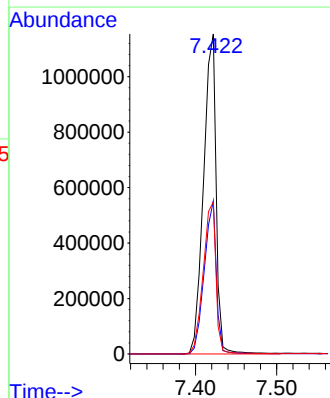
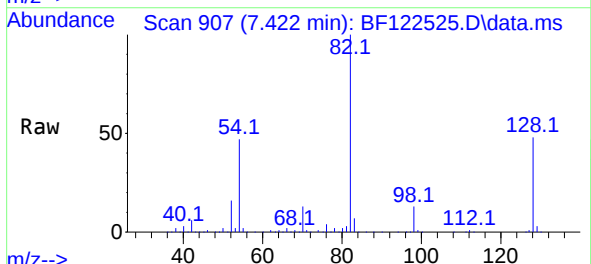
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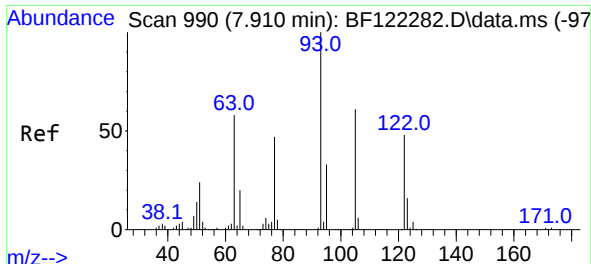
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#23
Nitrobenzene-d5
Concen: 100.67 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF122525.D
Acq: 1 Dec 2020 16:56

Tgt Ion:	82	Resp:	1243020
Ion	Ratio	Lower	Upper
82	100		
128	47.8	35.0	52.4
54	47.5	43.9	65.9





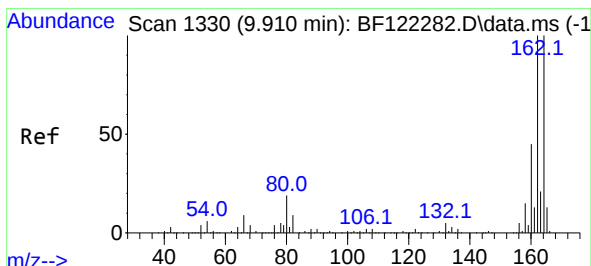
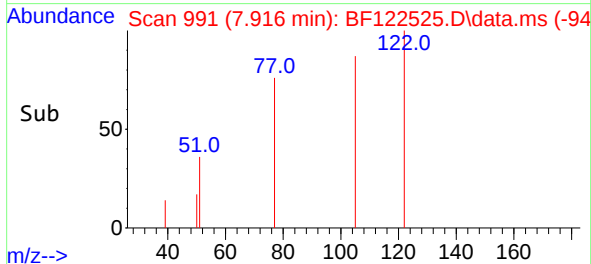
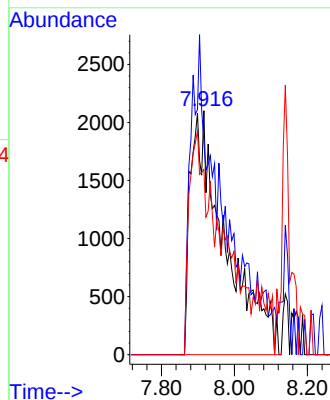
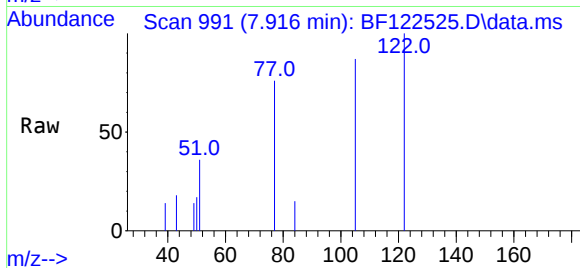
#32
Benzoic acid
Concen: 9.58 ng m
RT: 7.916 min Scan# 991
Delta R.T. -0.018 min
Lab File: BF122525.D
Acq: 1 Dec 2020 16:56

Tgt Ion:122 Resp: 13927
Ion Ratio Lower Upper
122 100
105 87.0 103.3 143.3#
77 75.9 73.9 113.9

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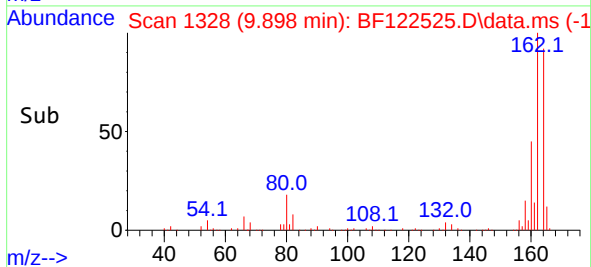
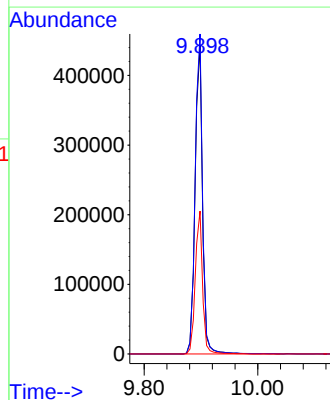
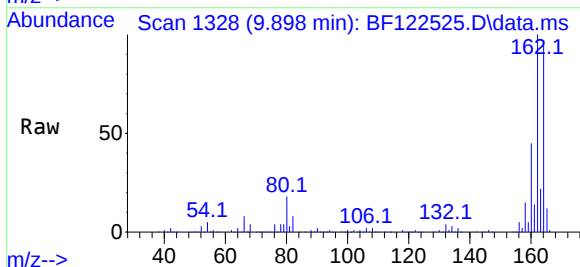
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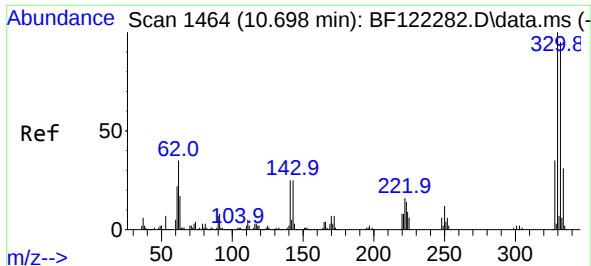
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122525.D
Acq: 1 Dec 2020 16:56

Tgt Ion:164 Resp: 405436
Ion Ratio Lower Upper
164 100
162 103.5 83.2 124.8
160 46.2 37.5 56.3





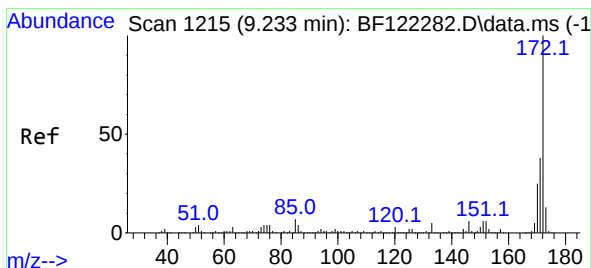
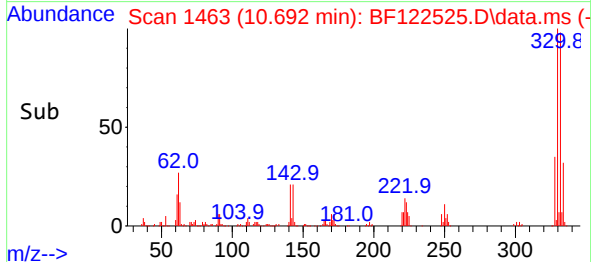
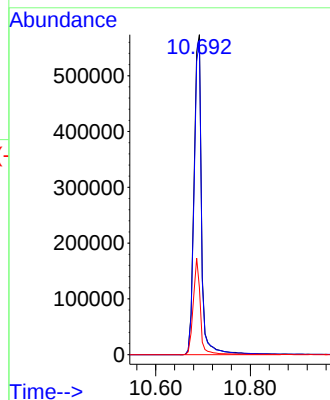
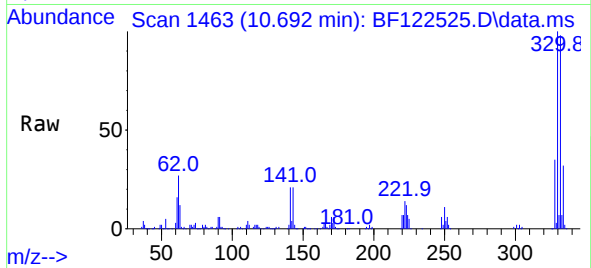
#42
2,4,6-Tribromophenol
Concen: 145.09 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF122525.D
Acq: 1 Dec 2020 16:56

Tgt Ion: 330 Resp: 631335
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 28.5 22.3 33.5

Instrument :
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ROCK-HILL-SLOPE-EMBANKMENT-

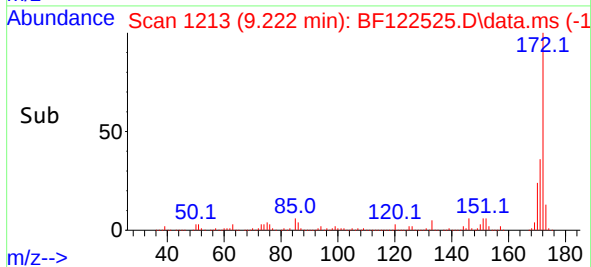
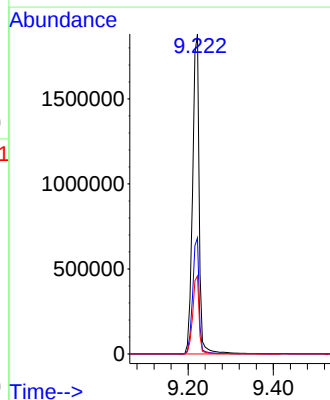
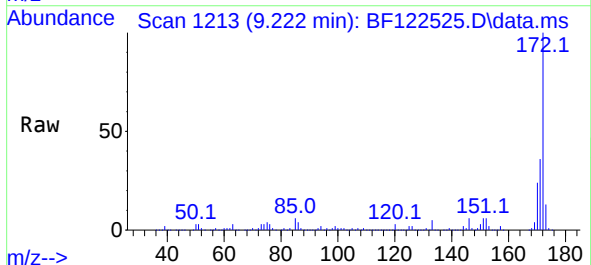
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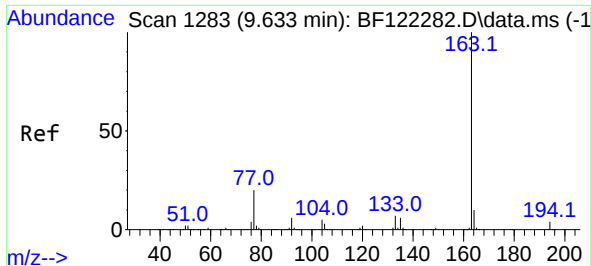
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#45
2-Fluorobiphenyl
Concen: 78.16 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF122525.D
Acq: 1 Dec 2020 16:56

Tgt Ion: 172 Resp: 2028269
Ion Ratio Lower Upper
172 100
171 36.3 29.1 43.7
170 24.4 19.8 29.6





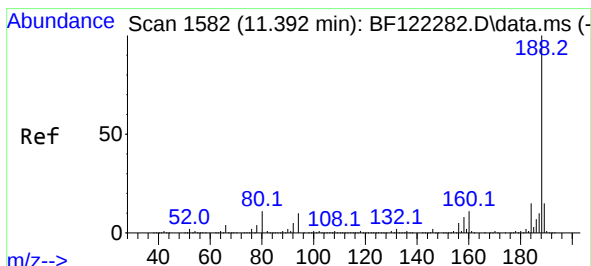
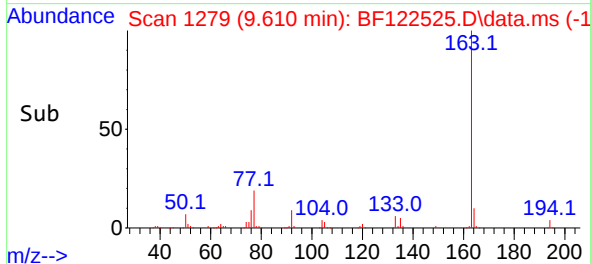
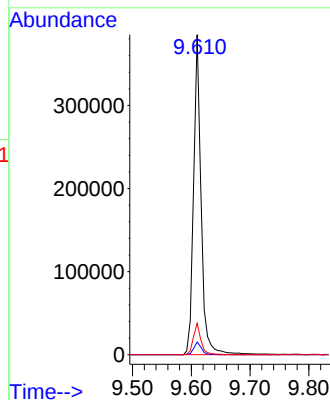
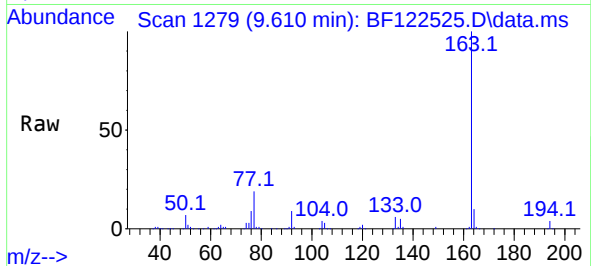
#50
Dimethylphthalate
Concen: 11.94 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122525.D
Acq: 1 Dec 2020 16:56

Tgt Ion:163 Resp: 344006
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.8 8.2 12.4

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ROCK-HILL-SLOPE-EMBANKMENT-

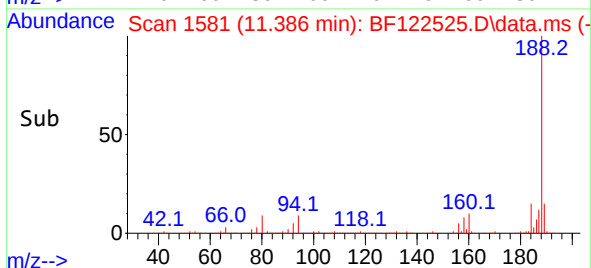
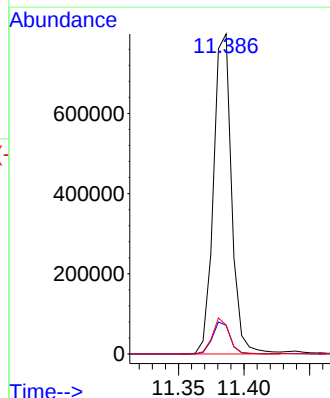
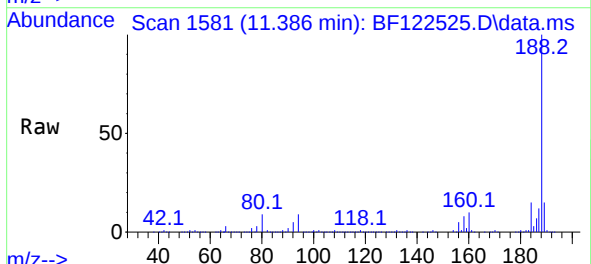
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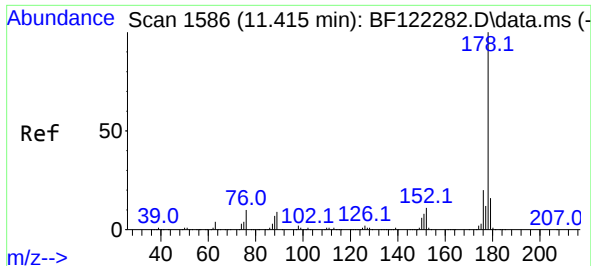
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF122525.D
Acq: 1 Dec 2020 16:56

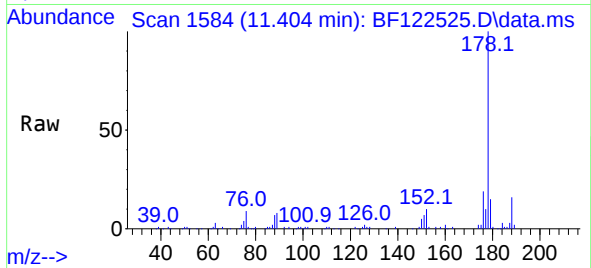
Tgt Ion:188 Resp: 766281
Ion Ratio Lower Upper
188 100
94 8.9 8.3 12.5
80 9.0 9.1 13.7#





#71
Phenanthrene
Concen: 2.35 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF122525.D
Acq: 1 Dec 2020 16:56

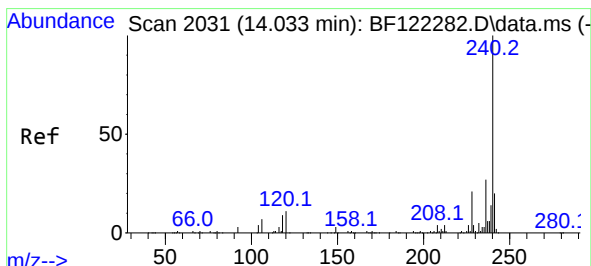
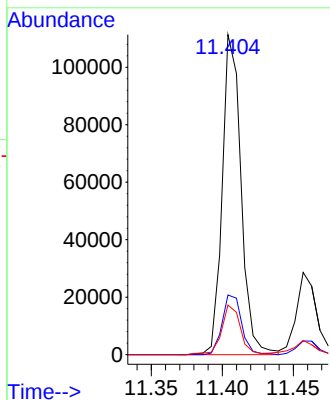
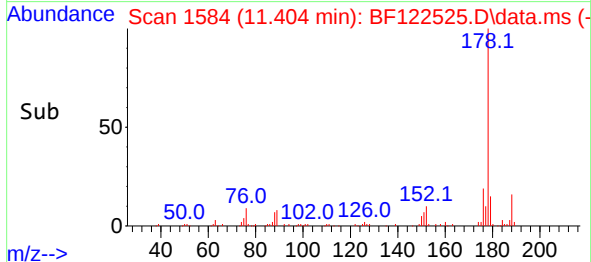
Instrument :
BNA_F
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ROCK-HILL-SLOPE-EMBANKMENT-



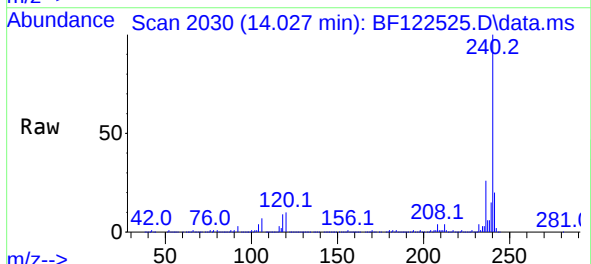
Tgt Ion:178 Resp: 102387
Ion Ratio Lower Upper
178 100
176 18.7 15.9 23.9
179 15.5 12.2 18.4

Manual Integrations
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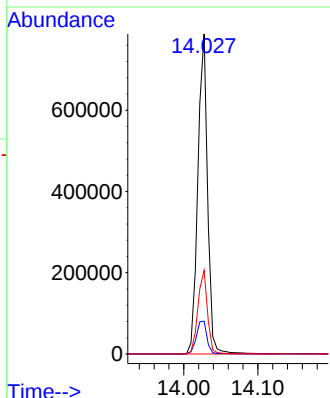
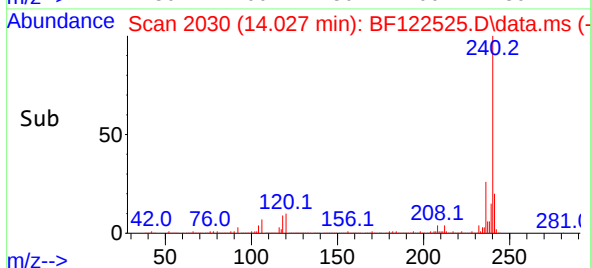
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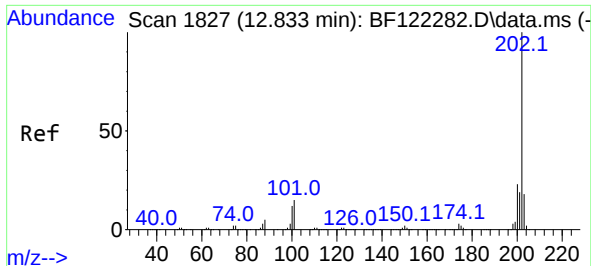


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122525.D
Acq: 1 Dec 2020 16:56



Tgt Ion:240 Resp: 718285
Ion Ratio Lower Upper
240 100
120 10.3 9.2 13.8
236 26.1 20.9 31.3





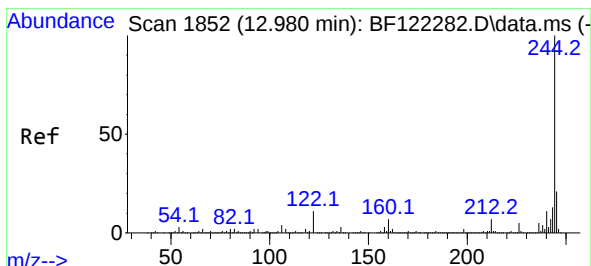
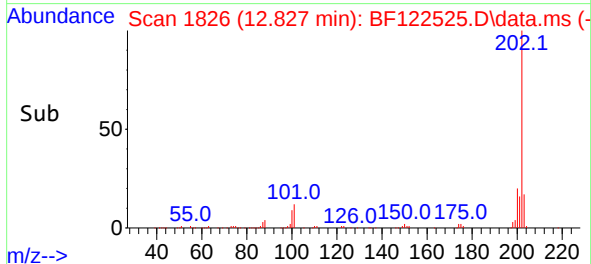
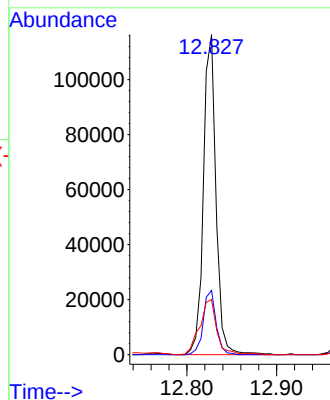
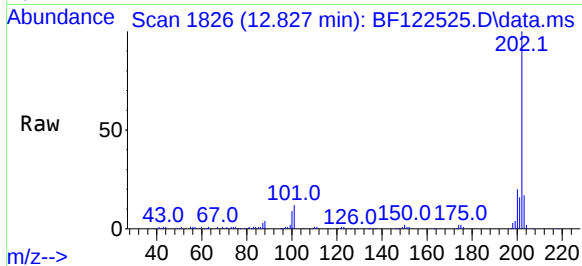
#78
Pyrene
Concen: 2.24 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122525.D
Acq: 1 Dec 2020 16:56

Tgt Ion:	202	Resp:	113128
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.4	26.2
203	17.2	14.6	21.8

Instrument :
BNA_F
ClientSampleId :
ROCK-HILL-SLOPE-EMBANKMENT-

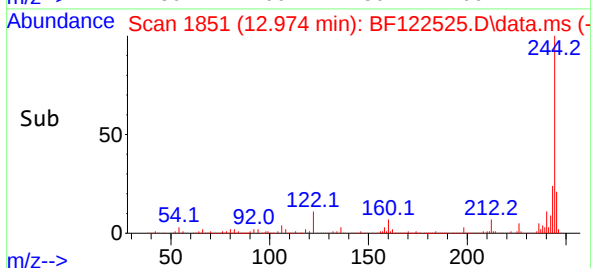
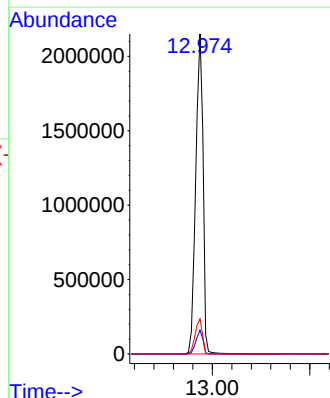
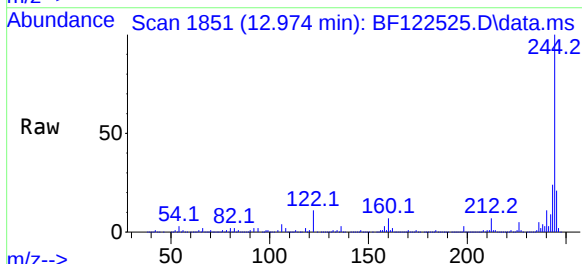
Manual Integrations
APPROVED

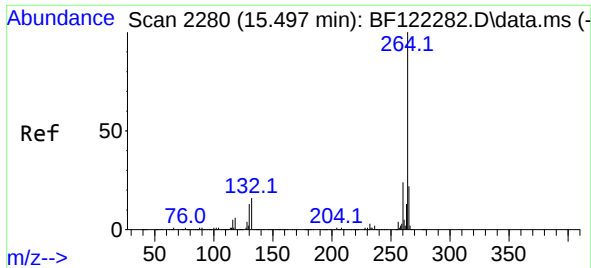
mohammad
12/2/2020 12:41:06 PM



#79
Terphenyl-d14
Concen: 66.79 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF122525.D
Acq: 1 Dec 2020 16:56

Tgt Ion:	244	Resp:	2264560
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.4	8.2
122	10.9	8.1	12.1





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. -0.006 min
 Lab File: BF122525.D
 Acq: 1 Dec 2020 16:56

Tgt Ion:264 Resp: 602523
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.2 17.3 25.9

Instrument :
 BNA_F
 ClientSampleId :
 ROCK-HILL-SLOPE-EMBANKMENT-

Manual Integrations
 APPROVED

mohammad
 12/2/2020 12:41:06 PM

