

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102120\
 Data File : BF122069.D
 Acq On : 22 Oct 2020 00:51
 Operator : JU/CG
 Sample : L4456-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HP-640

Manual Integrations
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Quant Time: Oct 22 03:03:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 12:04:42 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	105061	20.00	ng	0.00
21) Naphthalene-d8	8.010	136	404169	20.00	ng	0.00
39) Acenaphthene-d10	9.757	164	198543	20.00	ng	0.00
64) Phenanthrene-d10	11.245	188	328083	20.00	ng	0.00
76) Chrysene-d12	13.886	240	238796	20.00	ng	0.00
86) Perylene-d12	15.316	264	206899	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	227463	31.95	ng	0.00
7) Phenol-d6	6.381	99	184349	20.12	ng	0.00
23) Nitrobenzene-d5	7.298	82	697623	88.52	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	174767	71.16	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1193639	88.46	ng	0.00
79) Terphenyl-d14	12.827	244	1187176	94.75	ng	0.00
Target Compounds						
10) Phenol	6.393	94	39347	4.16	ng	Qvalue 88
32) Benzoic acid	7.816	122	6002m	9.02	ng	
50) Dimethylphthalate	9.481	163	167667	11.55	ng	99
74) Di-n-butylphthalate	11.804	149	110628	5.80	ng	98

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

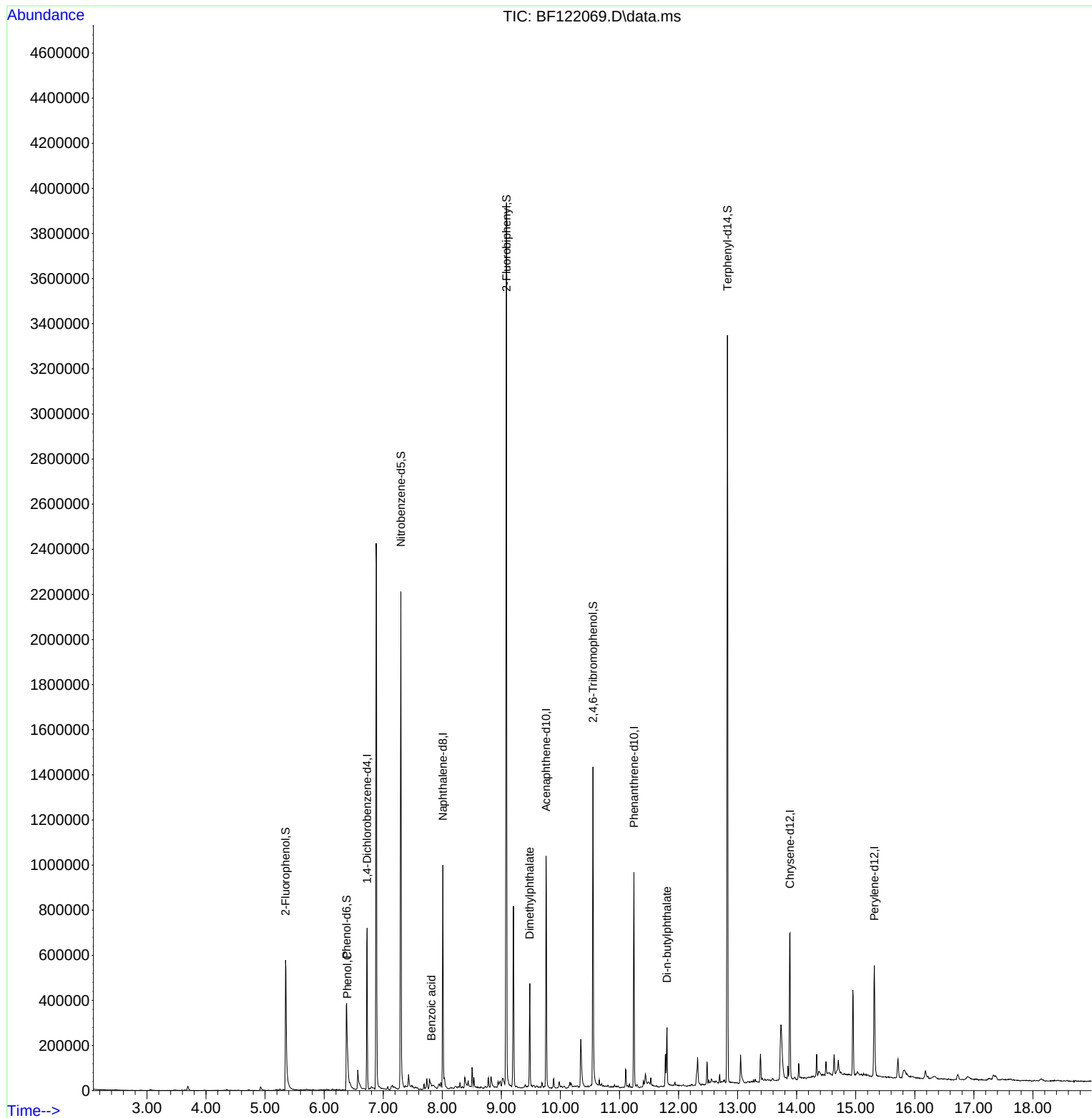
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Data File : BF122069.D
Acq On : 22 Oct 2020 00:51
Operator : JU/CG
Sample : L4456-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

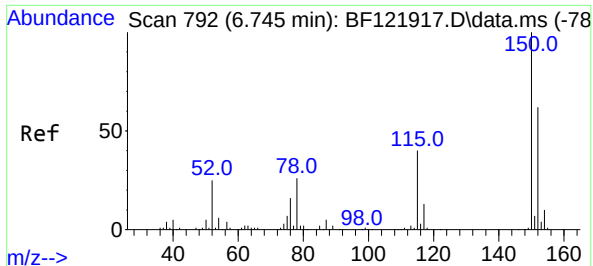
Instrument :
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ClientSampleId :
HP-640

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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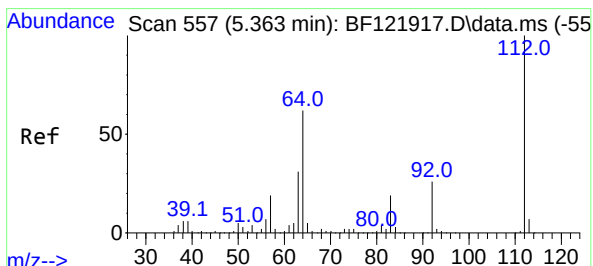
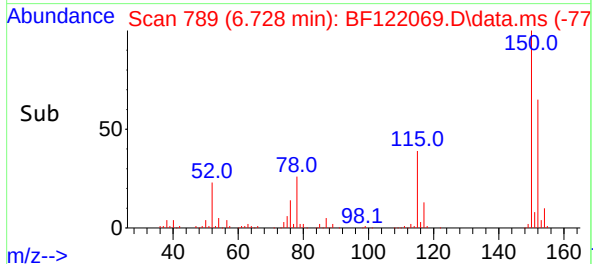
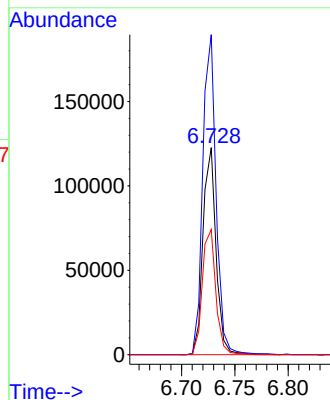
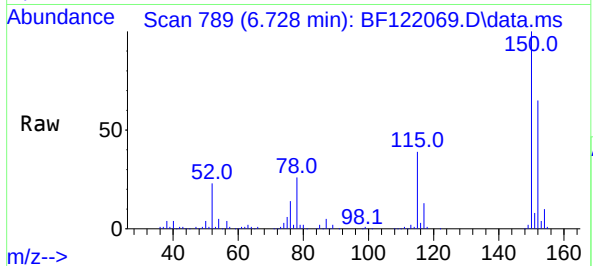
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

Tgt Ion:152 Resp: 105061
Ion Ratio Lower Upper
152 100
150 154.6 125.3 187.9
115 60.5 51.9 77.9

Instrument :
BNA_F
ClientSampled :
HP-640

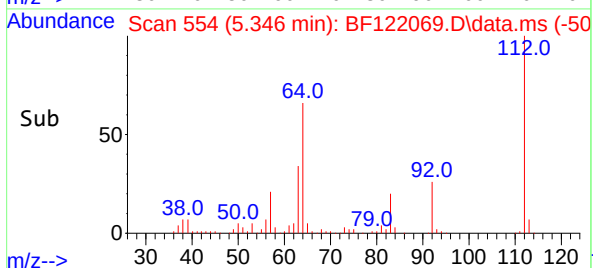
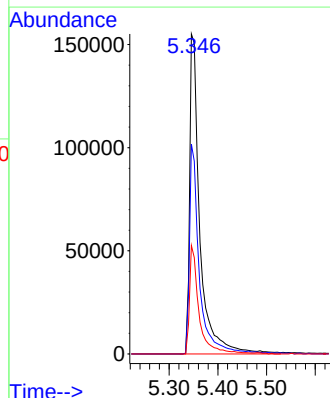
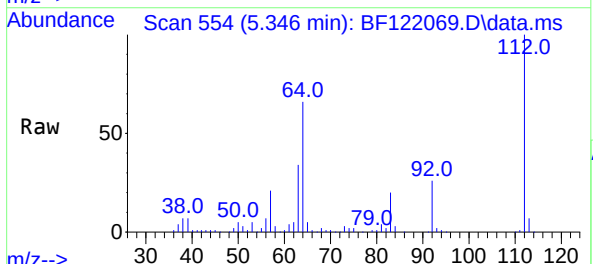
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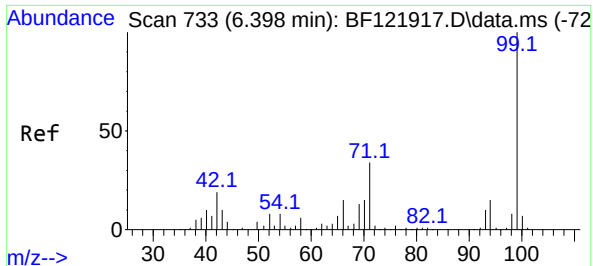
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#5
2-Fluorophenol
Concen: 31.95 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.000 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

Tgt Ion:112 Resp: 227463
Ion Ratio Lower Upper
112 100
64 65.5 50.4 75.6
63 33.9 25.8 38.6





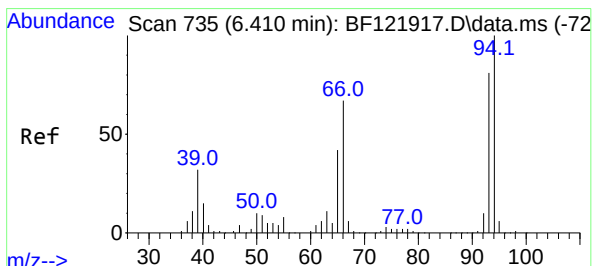
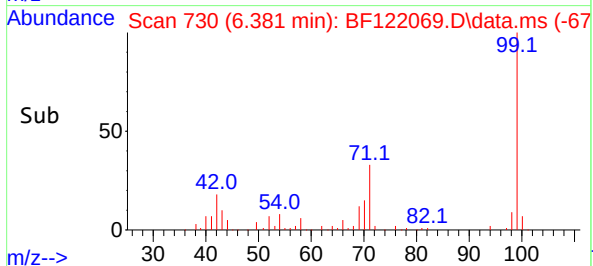
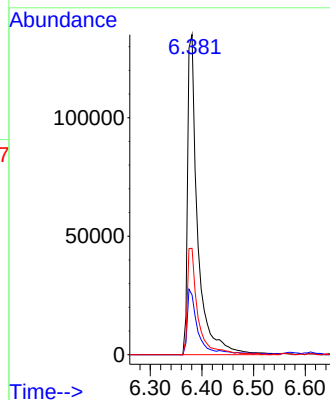
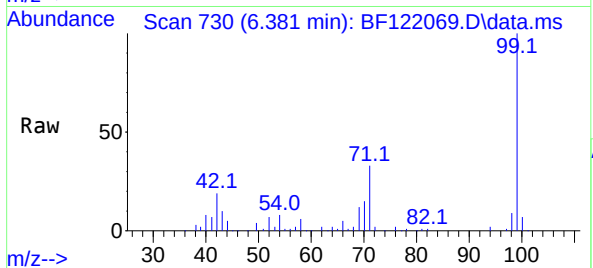
#7
Phenol-d6
Concen: 20.12 ng
RT: 6.381 min Scan# 730
Delta R.T. 0.000 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

Tgt Ion: 99 Resp: 184349
Ion Ratio Lower Upper
99 100
42 18.7 15.9 23.9
71 33.3 27.1 40.7

Instrument :
BNA_F
ClientSampled :
HP-640

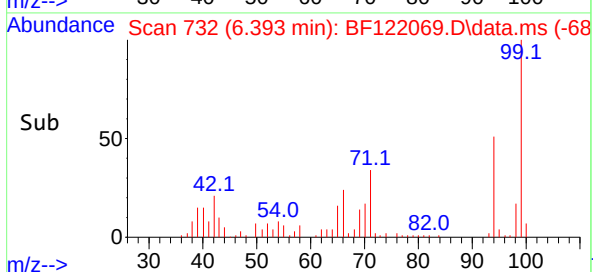
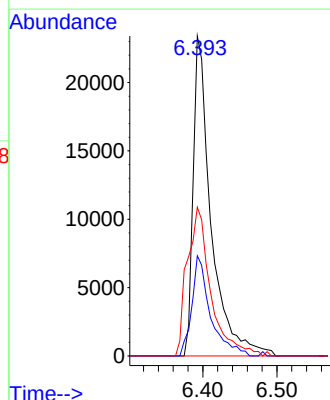
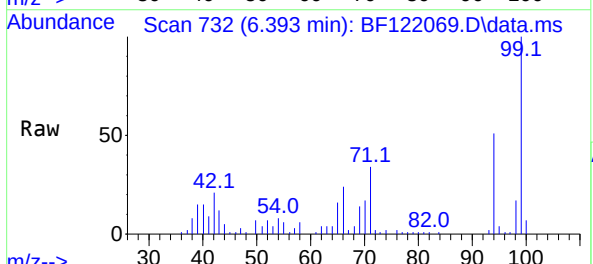
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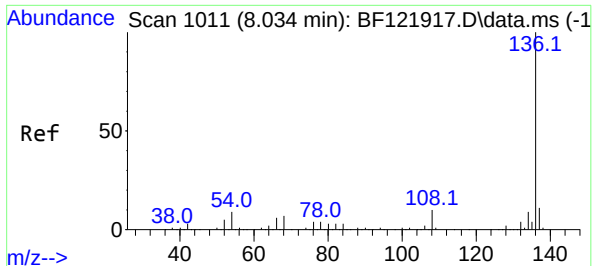
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#10
Phenol
Concen: 4.16 ng
RT: 6.393 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

Tgt Ion: 94 Resp: 39347
Ion Ratio Lower Upper
94 100
65 31.3 17.1 57.1
66 46.5 36.0 76.0

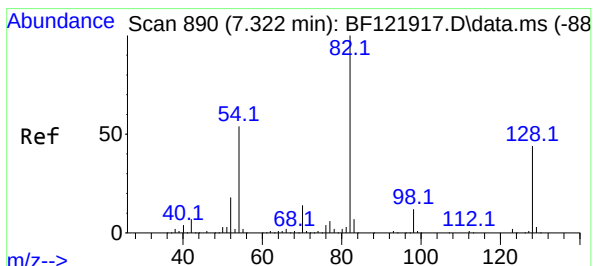
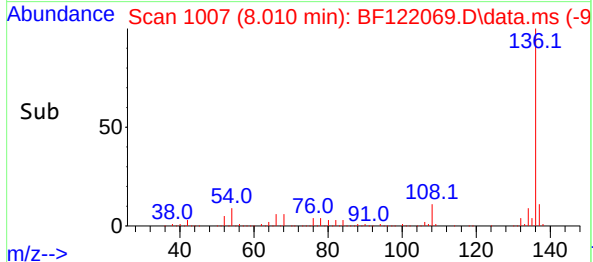
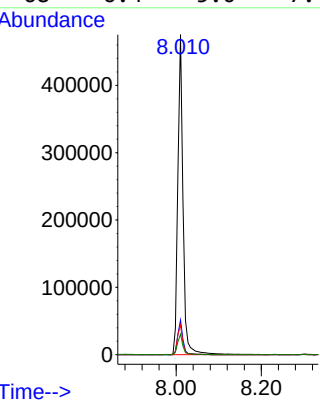
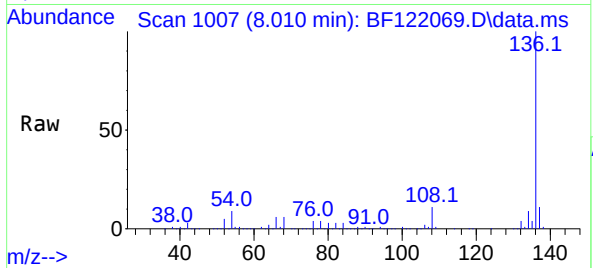




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

Tgt Ion: 136 Resp: 404169

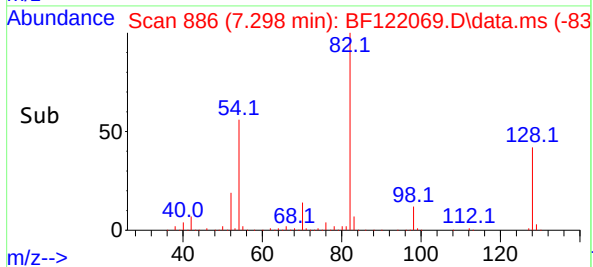
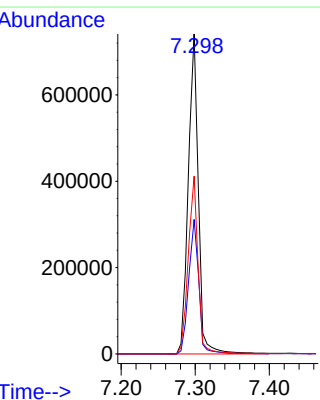
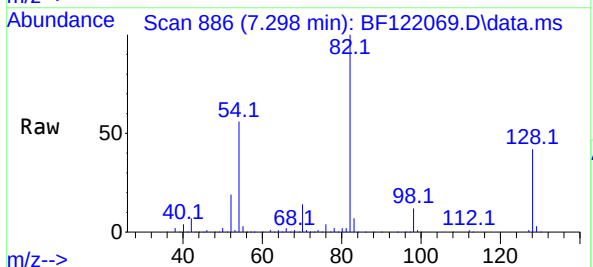
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.3	7.1	10.7
68	6.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 88.52 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

Tgt Ion: 82 Resp: 697623

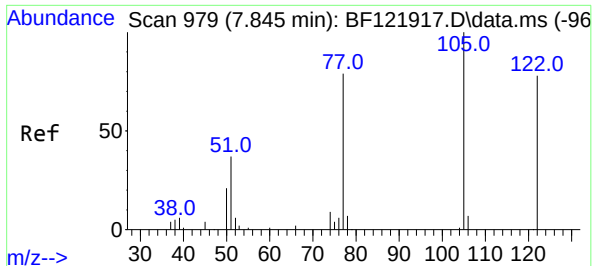
Ion	Ratio	Lower	Upper
82	100		
128	42.1	35.0	52.4
54	55.6	43.9	65.9



Instrument :
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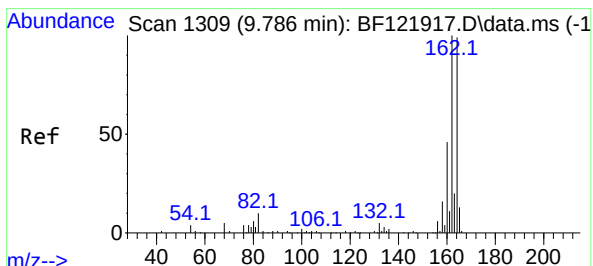
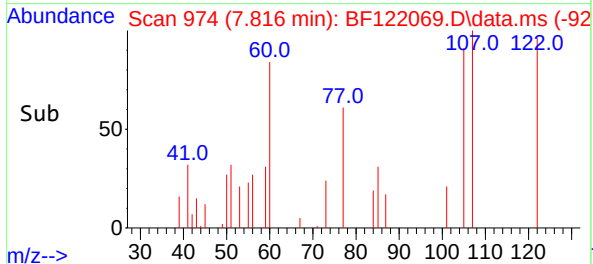
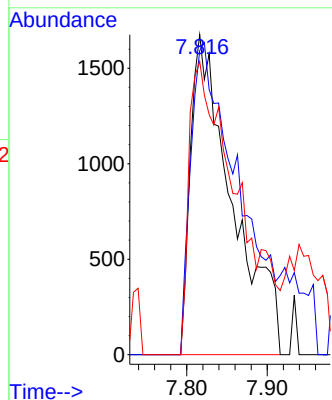
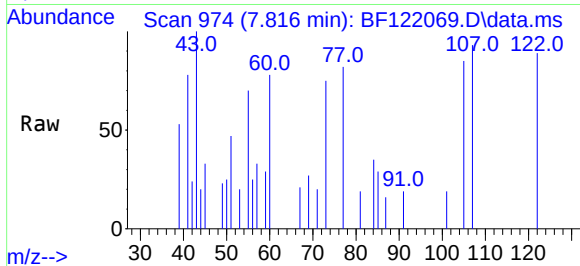
#32
Benzoic acid
Concen: 9.02 ng m
RT: 7.816 min Scan# 974
Delta R.T. -0.029 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

Tgt Ion:122 Resp: 6002
Ion Ratio Lower Upper
122 100
105 95.0 103.3 143.3#
77 91.6 73.9 113.9

Instrument :
BNA_F
ClientSampled :
HP-640

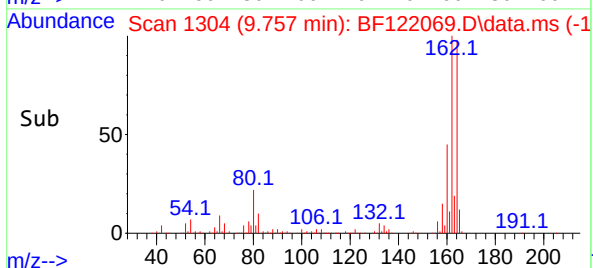
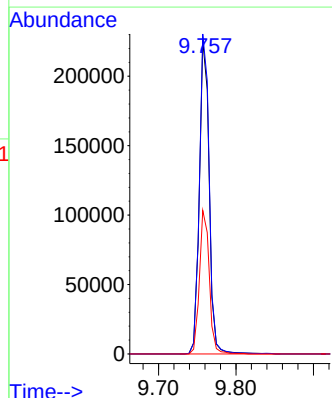
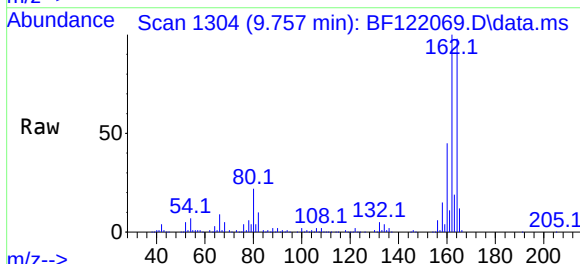
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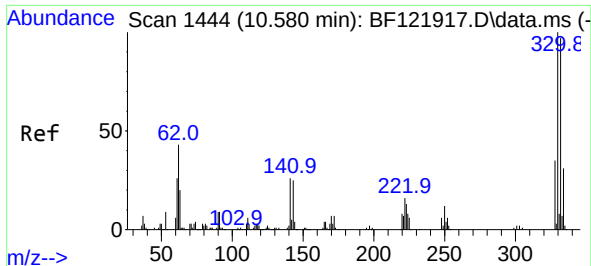
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

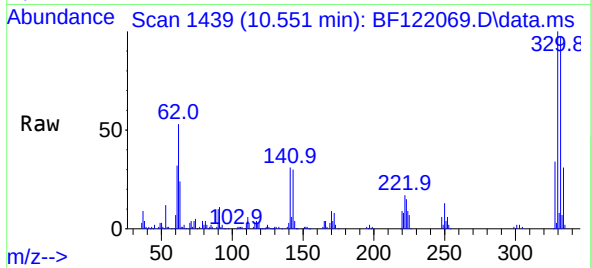
Tgt Ion:164 Resp: 198543
Ion Ratio Lower Upper
164 100
162 102.2 83.2 124.8
160 45.8 37.5 56.3





#42
2,4,6-Tribromophenol
Concen: 71.16 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

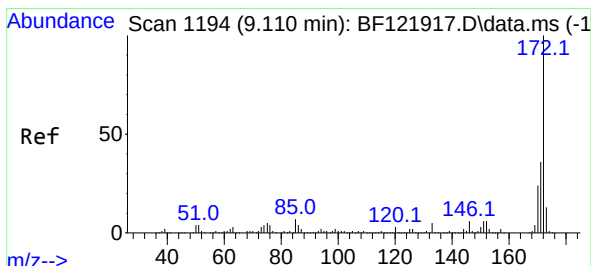
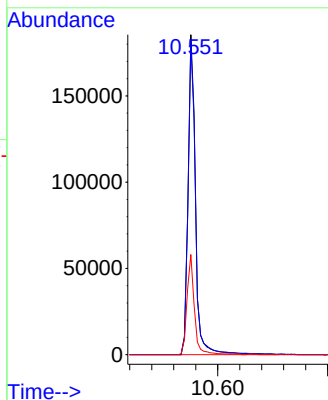
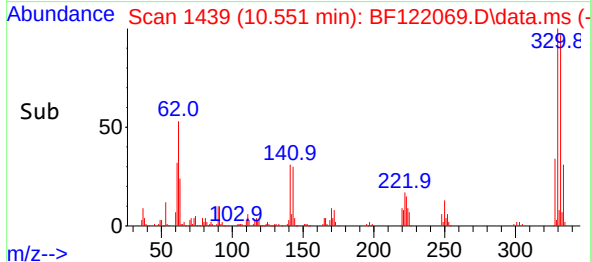
Instrument :
BNA_F
ClientSampled :
HP-640



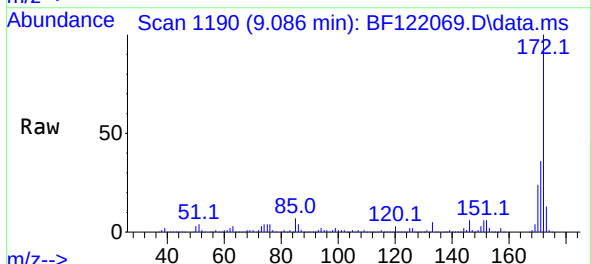
Tgt Ion:330 Resp: 174767
Ion Ratio Lower Upper
330 100
332 97.5 77.3 115.9
141 31.2 22.3 33.5

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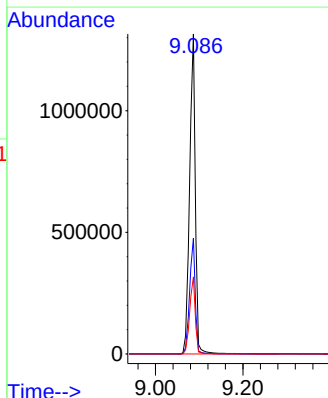
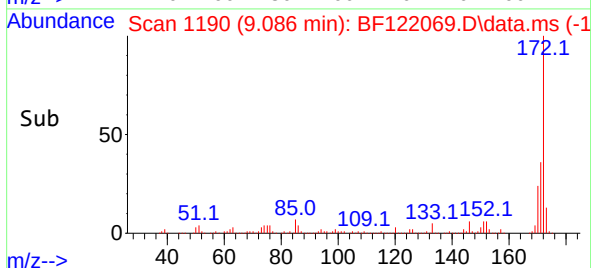
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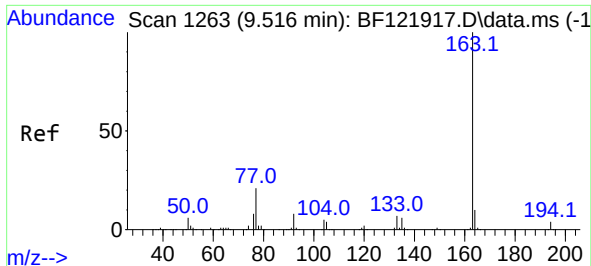


#45
2-Fluorobiphenyl
Concen: 88.46 ng
RT: 9.086 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

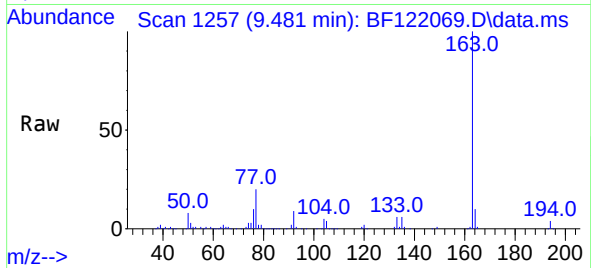


Tgt Ion:172 Resp: 1193639
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.1 19.8 29.6

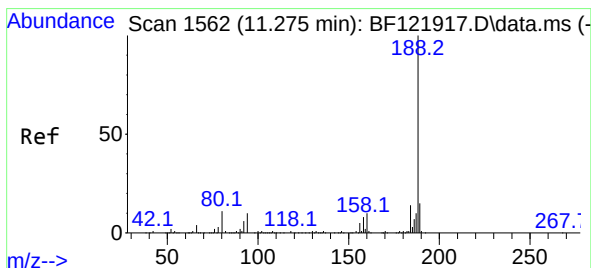
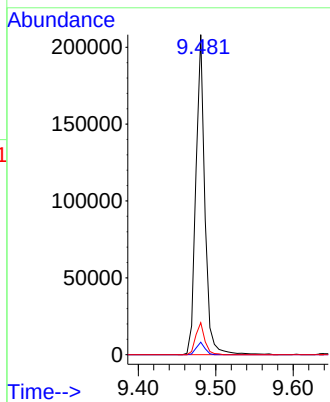
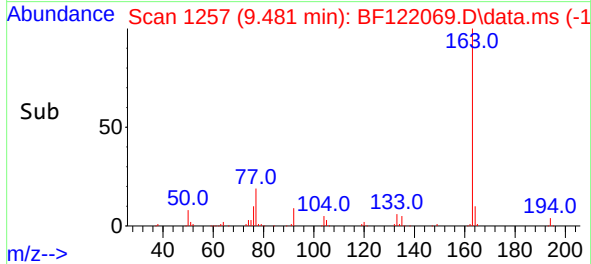




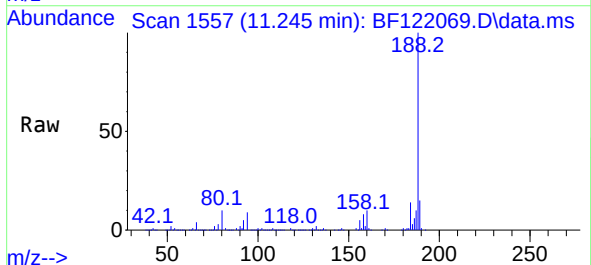
#50
Dimethylphthalate
Concen: 11.55 ng
RT: 9.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51



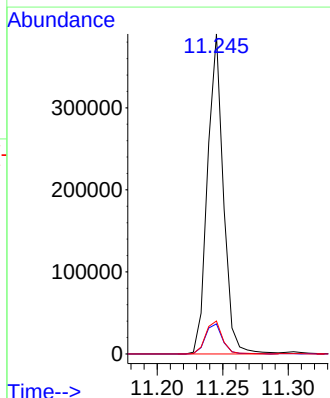
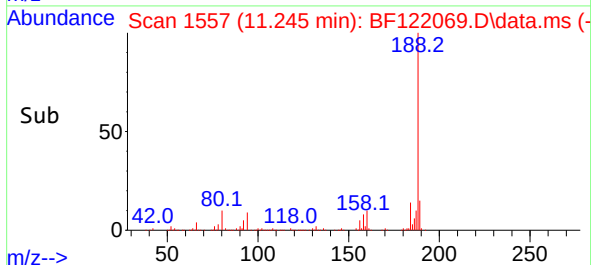
Tgt Ion:163 Resp: 167667
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.0 8.2 12.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51



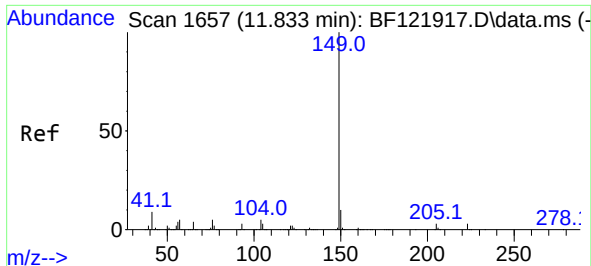
Tgt Ion:188 Resp: 328083
Ion Ratio Lower Upper
188 100
94 9.4 8.3 12.5
80 10.3 9.1 13.7



Instrument :
BNA_F
ClientSampleId :
HP-640

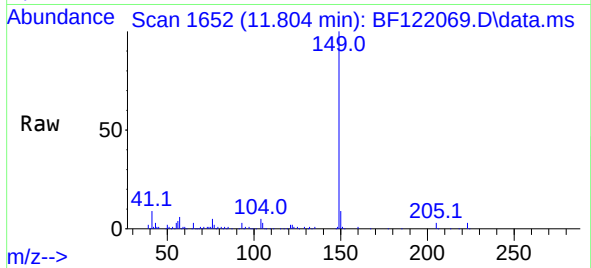
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#74
Di-n-butylphthalate
Concen: 5.80 ng
RT: 11.804 min Scan# 1652
Delta R.T. -0.006 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

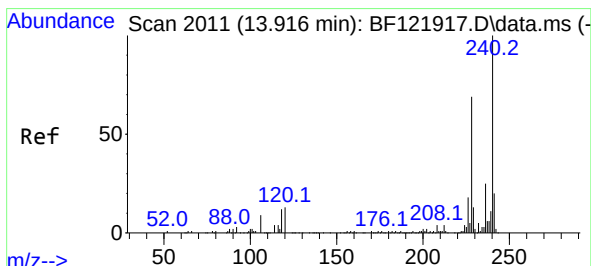
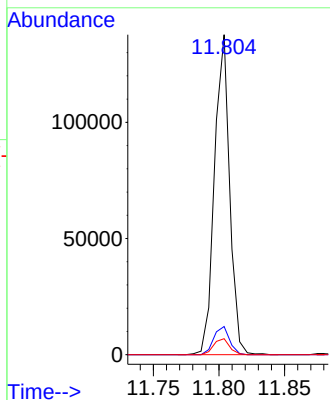
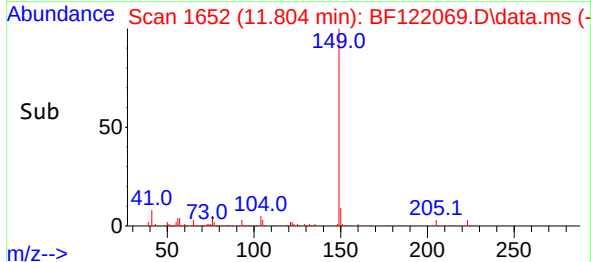
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BNA_F
ClientSampleId :
HP-640



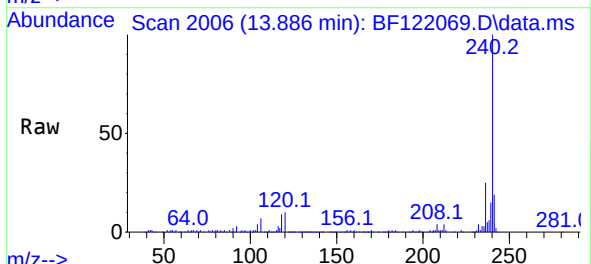
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Ion Ratio Lower Upper
149 100
150 8.8 7.7 11.5
104 5.0 4.2 6.2

Manual Integrations
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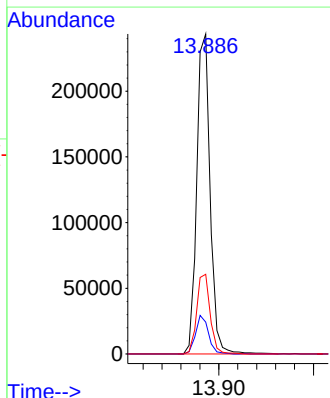
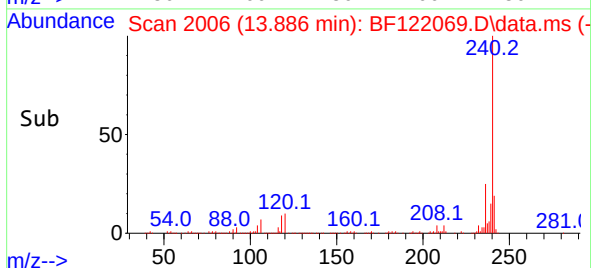
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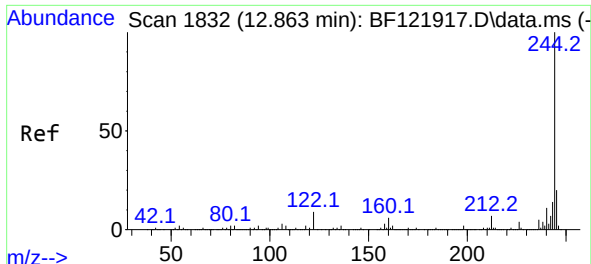


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51



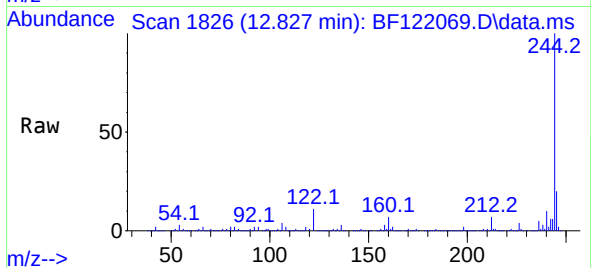
Tgt Ion:240 Resp: 238796
Ion Ratio Lower Upper
240 100
120 10.0 9.2 13.8
236 24.9 20.9 31.3





#79
Terphenyl-d14
Concen: 94.75 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51

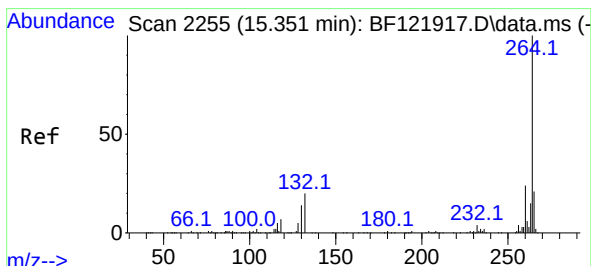
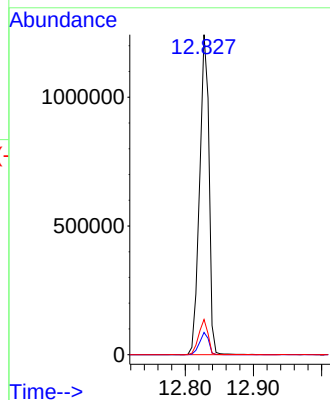
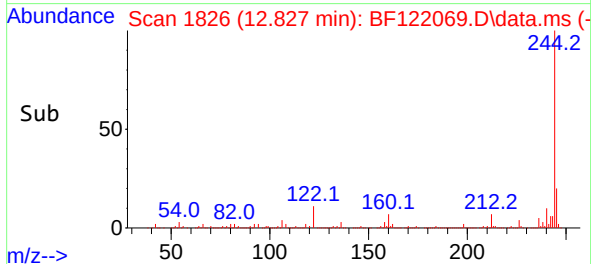
Instrument :
BNA_F
ClientSampleId :
HP-640



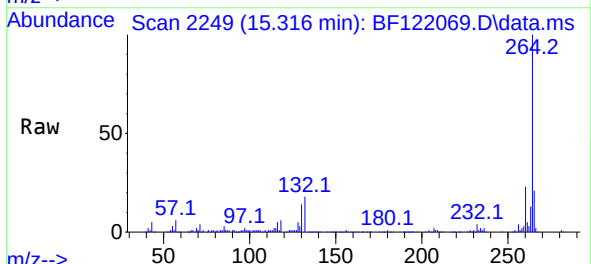
Tgt Ion:244 Resp: 1187176
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 11.0 8.1 12.1

Manual Integrations
APPROVED

mohammad
10/22/2020 12:59:45 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.316 min Scan# 2249
Delta R.T. 0.000 min
Lab File: BF122069.D
Acq: 22 Oct 2020 00:51



Tgt Ion:264 Resp: 206899
Ion Ratio Lower Upper
264 100
260 23.3 18.7 28.1
265 20.9 17.3 25.9

