

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
 Data File : BF122439.D
 Acq On : 22 Nov 2020 1:03
 Operator : JU/CG
 Sample : L4829-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Manual Integrations
 APPROVED

mohammad
 11/24/2020 9:02:32 AM

Quant Time: Nov 23 01:02:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	189780	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	708301	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	390625	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	722358	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	645856	20.00	ng	-0.01
86) Perylene-d12	15.516	264	535670	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	303651	24.57	ng	0.00
7) Phenol-d6	6.504	99	685262	42.38	ng	0.00
23) Nitrobenzene-d5	7.434	82	1175212	101.58	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	623887	148.81	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	2217594	88.70	ng	0.00
79) Terphenyl-d14	12.986	244	2294978	75.28	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.516	94	46014	2.89	ng	87
20) 3+4-Methylphenols	7.275	107	95076	7.22	ng	# 63
27) 2,4-Dimethylphenol	7.804	122	166390	13.68	ng	99
31) Naphthalene	8.181	128	3209716	85.24	ng	97
37) 2-Methylnaphthalene	8.869	142	1114398	44.79	ng	99
38) 1-Methylnaphthalene	8.963	142	708218m	30.41	ng	
50) Dimethylphthalate	9.622	163	288917	10.41	ng	99

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

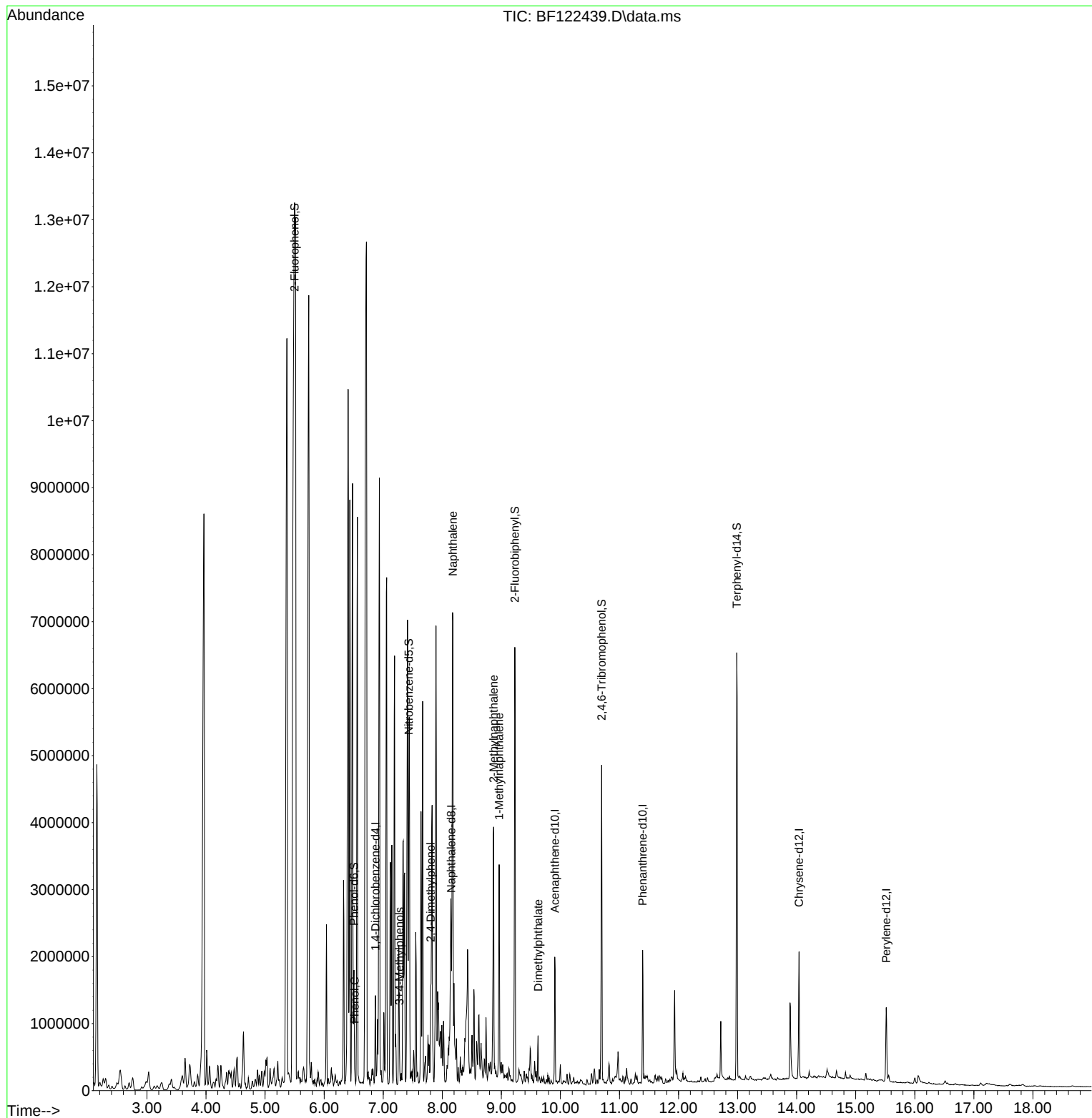
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112120\
Data File : BF122439.D
Acq On : 22 Nov 2020 1:03
Operator : JU/CG
Sample : L4829-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

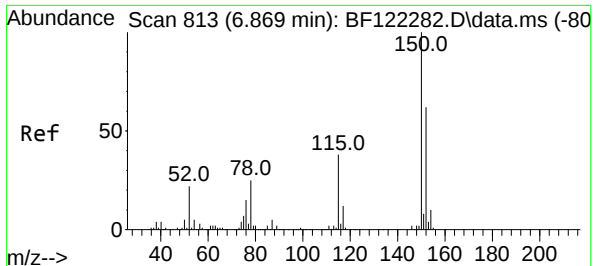
Instrument :
BNA_F
ClientSampleId :
MW-6

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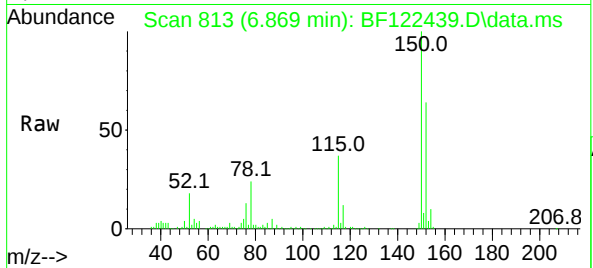
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Quant Time: Nov 23 01:02:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 13:27:02 2020
Response via : Initial Calibration

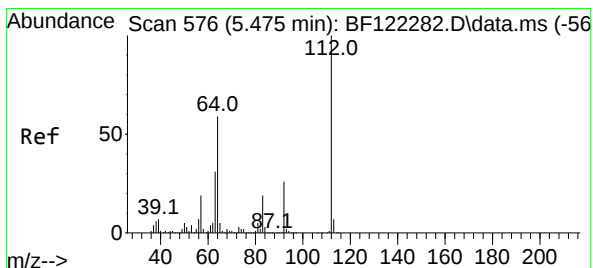
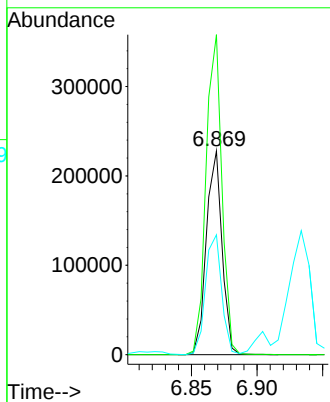
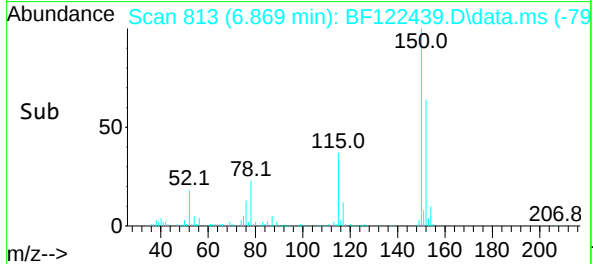




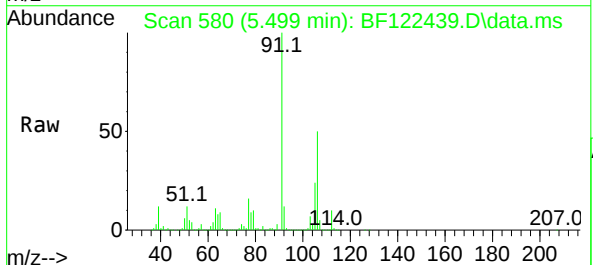
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF122439.D
Acq: 22 Nov 2020 1:03



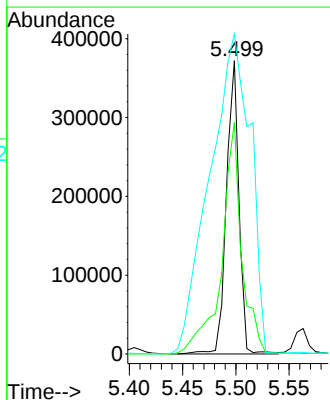
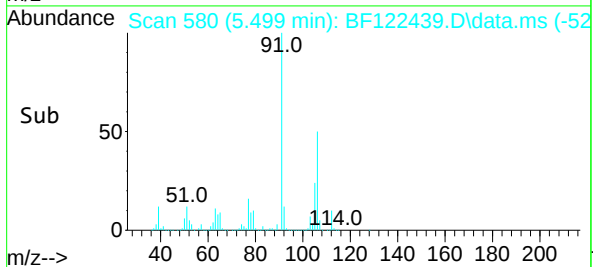
Tgt Ion:152 Resp: 189780
Ion Ratio Lower Upper
152 100
150 157.0 125.3 187.9
115 58.8 51.9 77.9



#5
2-Fluorophenol
Concen: 24.57 ng
RT: 5.499 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF122439.D
Acq: 22 Nov 2020 1:03



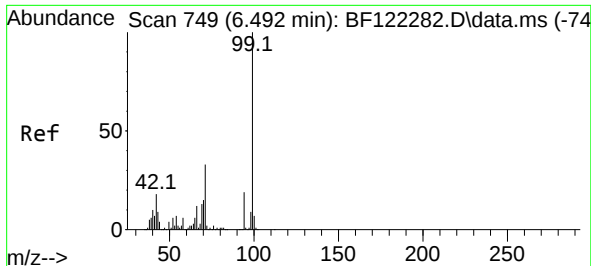
Tgt Ion:112 Resp: 303651
Ion Ratio Lower Upper
112 100
64 79.1 50.4 75.6#
63 109.1 25.8 38.6#



Instrument :
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ClientSampleId :
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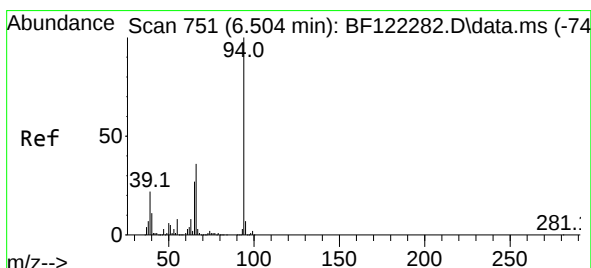
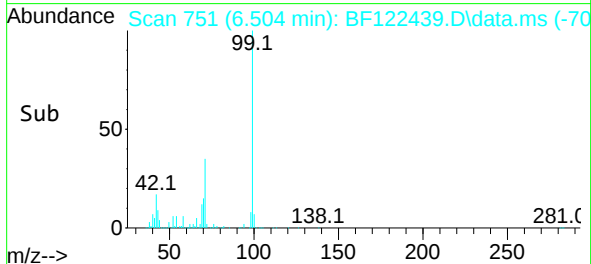
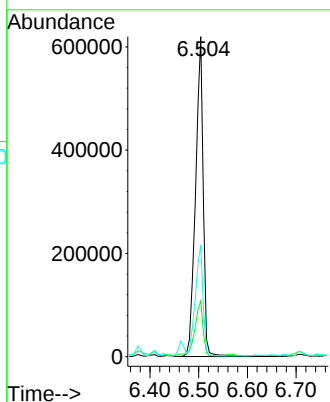
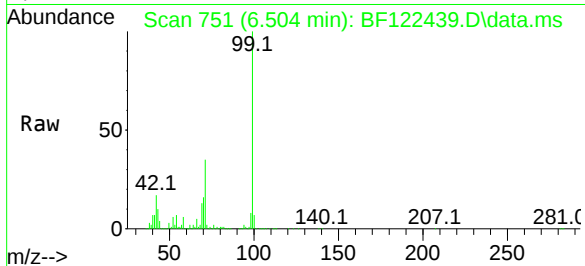
#7
Phenol-d6
Concen: 42.38 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF122439.D
Acq: 22 Nov 2020 1:03

Tgt Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.9	23.9
71	35.0	27.1	40.7

Instrument :
BNA_F
ClientSampleId :
MW-6

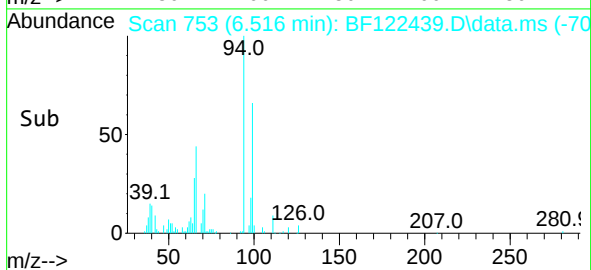
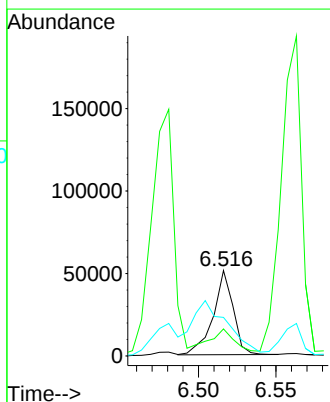
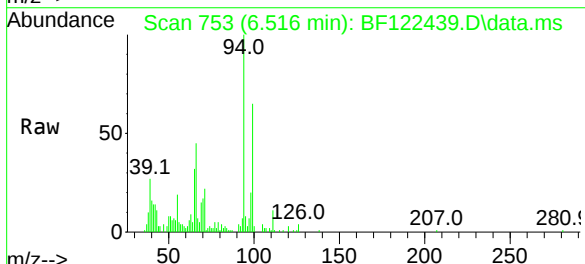
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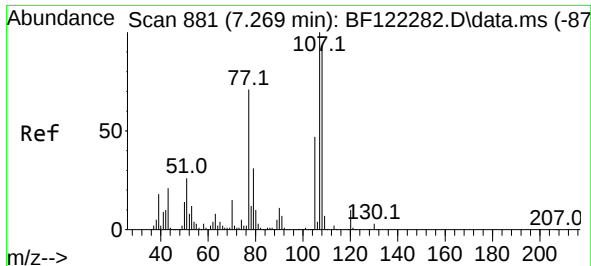
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#10
Phenol
Concen: 2.89 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF122439.D
Acq: 22 Nov 2020 1:03

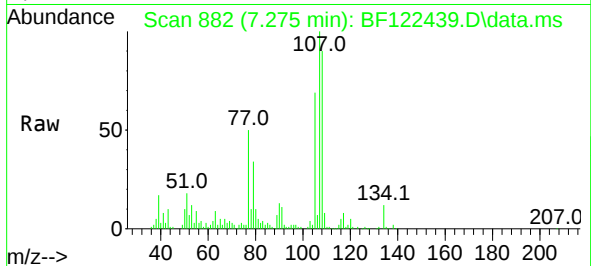
Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.7	17.1	57.1
66	45.1	36.0	76.0





#20
3+4-Methylphenols
Concen: 7.22 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF122439.D
Acq: 22 Nov 2020 1:03

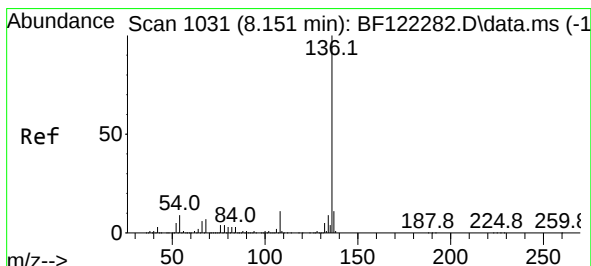
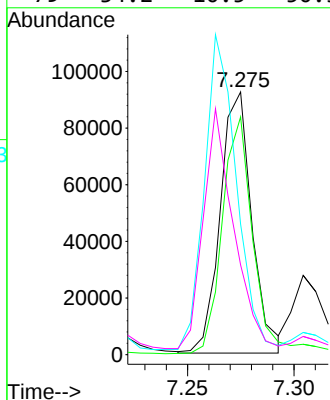
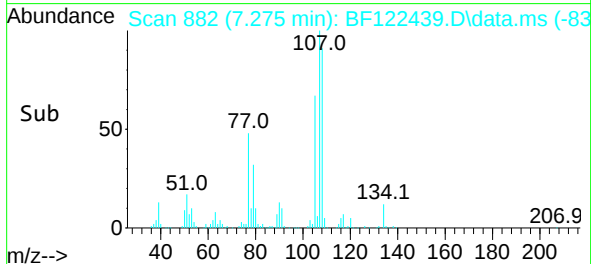
Instrument :
BNA_F
ClientSampleId :
MW-6



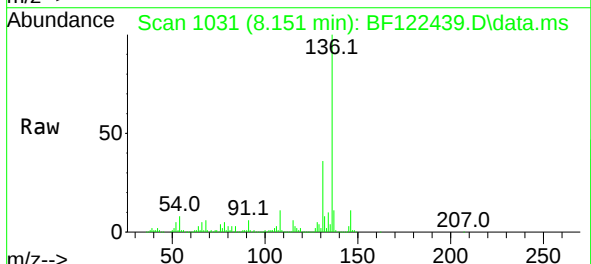
Tgt Ion:107 Resp: 95076
Ion Ratio Lower Upper
107 100
108 90.5 68.9 108.9
77 49.7 108.0 148.0#
79 34.2 10.5 50.5

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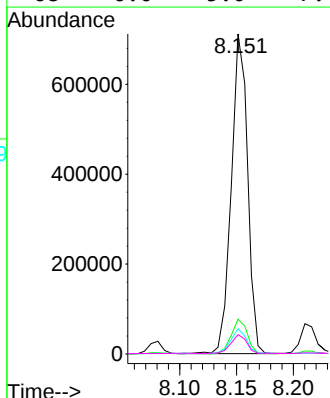
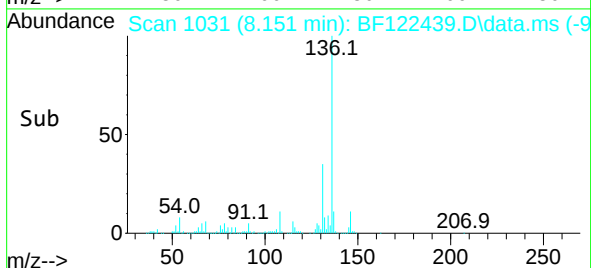
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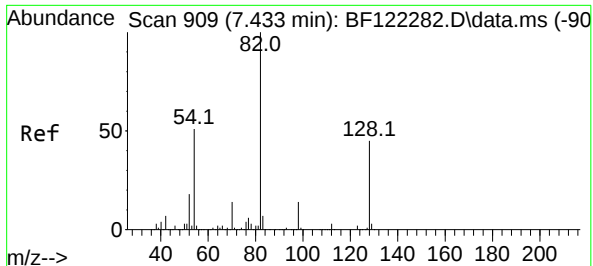


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122439.D
Acq: 22 Nov 2020 1:03

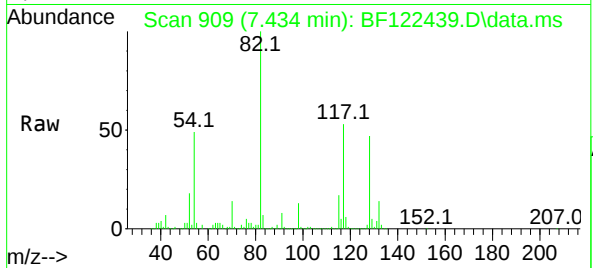


Tgt Ion:136 Resp: 708301
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.9 7.1 10.7
68 6.0 5.0 7.4



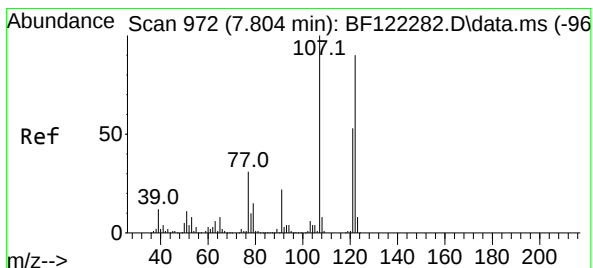
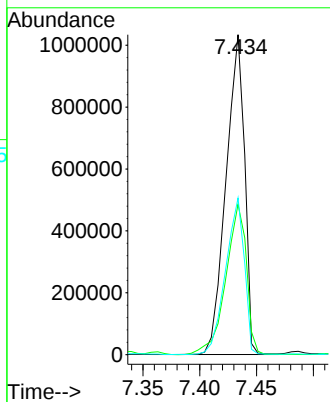
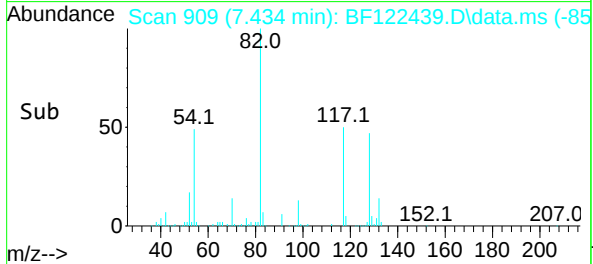


#23
Nitrobenzene-d5
Concen: 101.58 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF122439.D
Acq: 22 Nov 2020 1:03

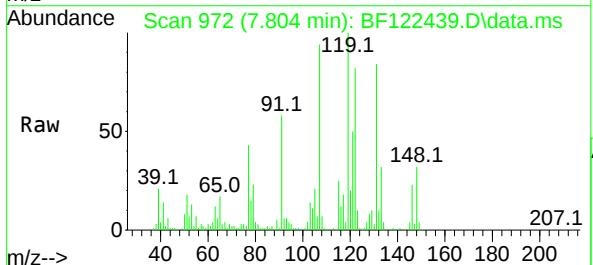


Tgt Ion: 82 Resp: 1175212

Ion	Ratio	Lower	Upper
82	100		
128	47.0	35.0	52.4
54	48.9	43.9	65.9

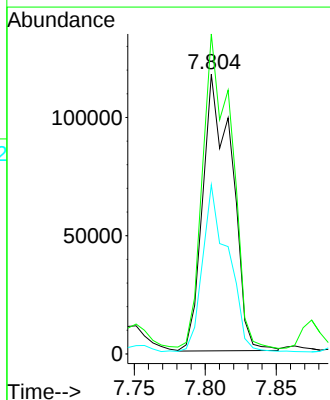
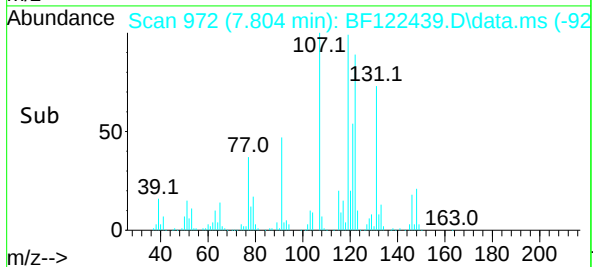


#27
2,4-Dimethylphenol
Concen: 13.68 ng
RT: 7.804 min Scan# 972
Delta R.T. -0.006 min
Lab File: BF122439.D
Acq: 22 Nov 2020 1:03



Tgt Ion: 122 Resp: 166390

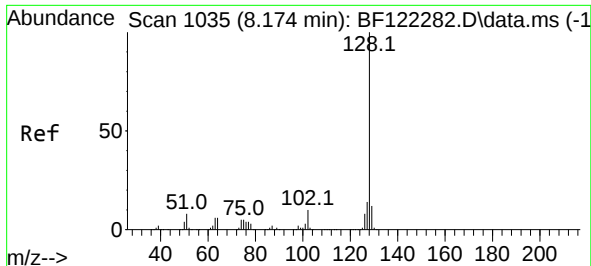
Ion	Ratio	Lower	Upper
122	100		
107	114.4	90.8	136.2
121	60.5	47.5	71.3



Instrument :
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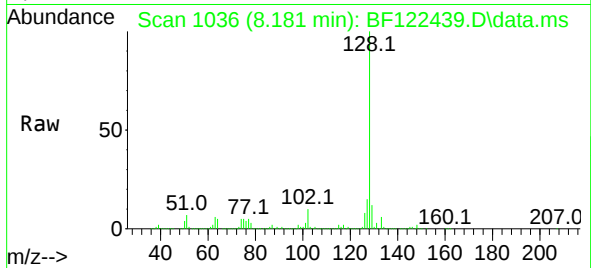
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#31
Naphthalene
Concen: 85.24 ng
RT: 8.181 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF122439.D
Acq: 22 Nov 2020 1:03

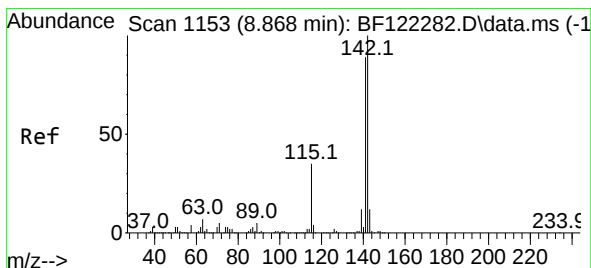
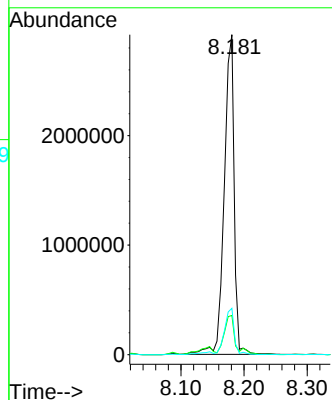
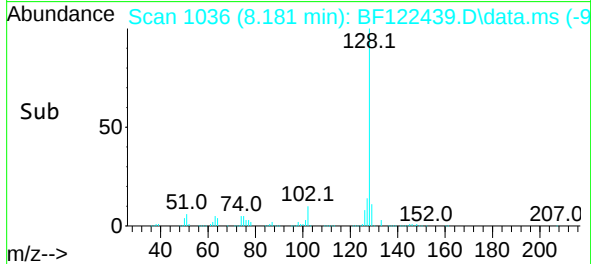
Instrument :
BNA_F
ClientSampled :
MW-6



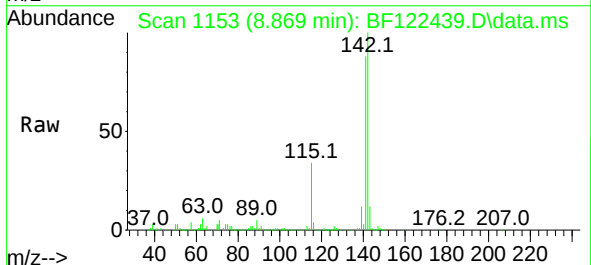
Tgt Ion:128 Resp: 3209716
Ion Ratio Lower Upper
128 100
129 12.3 8.7 13.1
127 14.5 10.8 16.2

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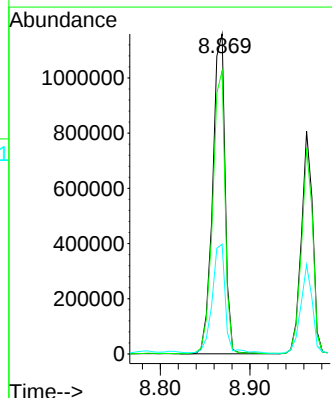
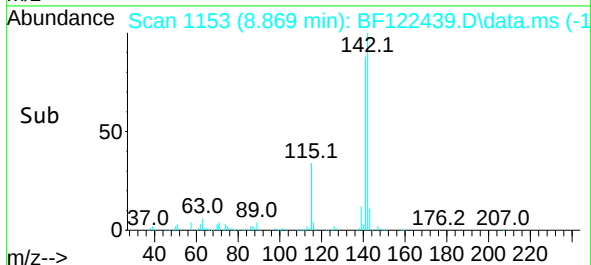
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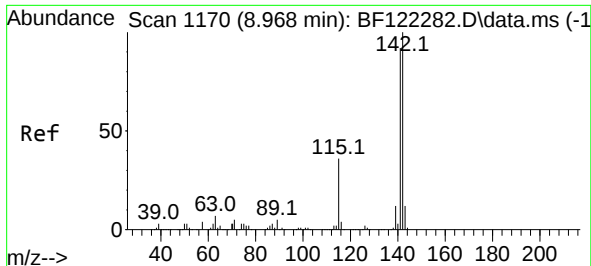


#37
2-Methylnaphthalene
Concen: 44.79 ng
RT: 8.869 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF122439.D
Acq: 22 Nov 2020 1:03



Tgt Ion:142 Resp: 1114398
Ion Ratio Lower Upper
142 100
141 88.4 70.2 105.4
115 34.3 28.6 43.0





#38

1-Methylnaphthalene

Concen: 30.41 ng m

RT: 8.963 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF122439.D

Acq: 22 Nov 2020 1:03

Tgt Ion:	142	Resp:	708218
Ion Ratio	Lower	Upper	
142	100		
141	92.3	74.5	111.7
116	5.0	3.2	4.8#

Instrument :

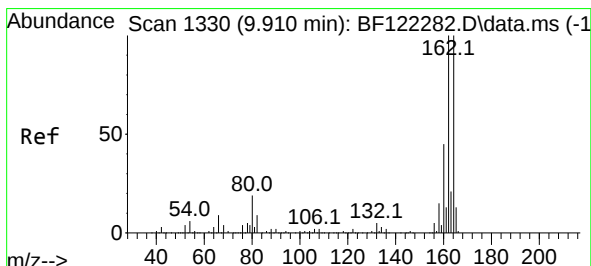
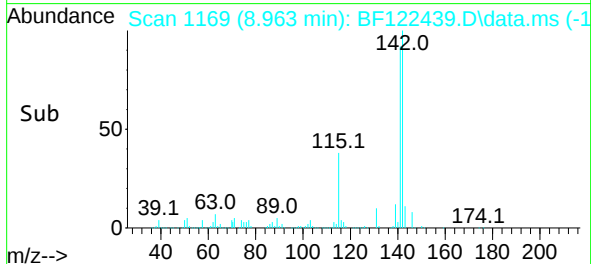
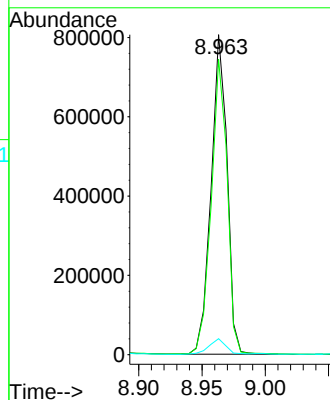
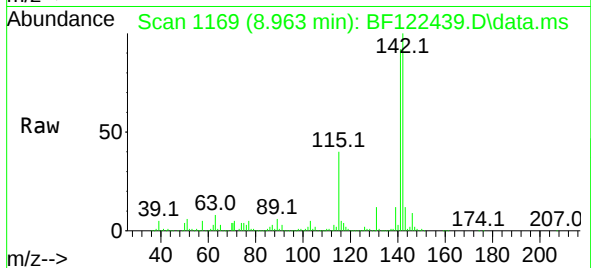
BNA_F

ClientSampled :

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#39

Acenaphthene-d10

Concen: 20.00 ng

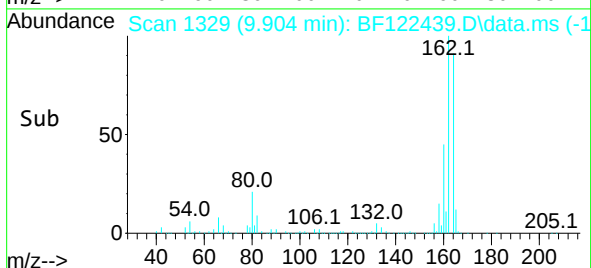
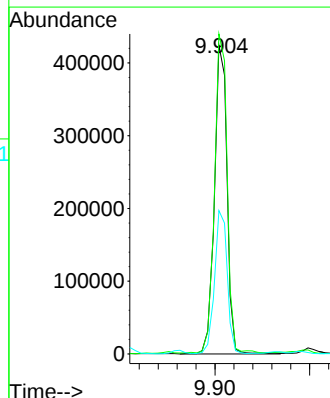
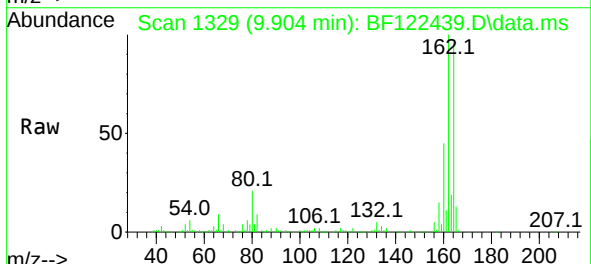
RT: 9.904 min Scan# 1329

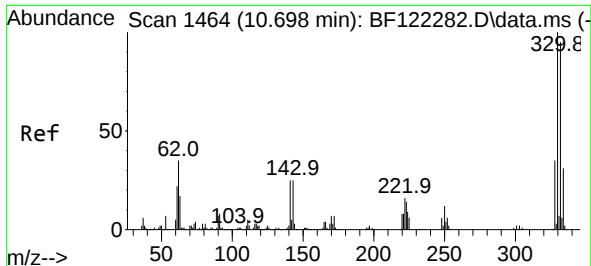
Delta R.T. -0.012 min

Lab File: BF122439.D

Acq: 22 Nov 2020 1:03

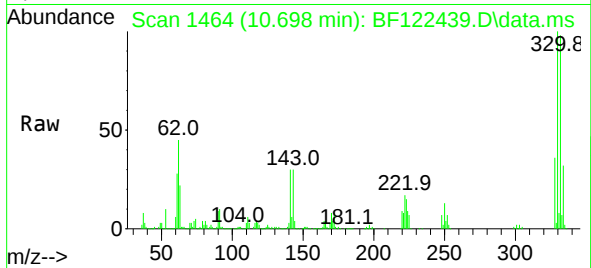
Tgt Ion:	164	Resp:	390625
Ion Ratio	Lower	Upper	
164	100		
162	103.6	83.2	124.8
160	46.4	37.5	56.3





#42
2,4,6-Tribromophenol
Concen: 148.81 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122439.D
Acq: 22 Nov 2020 1:03

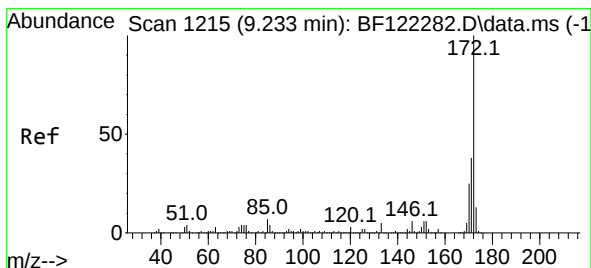
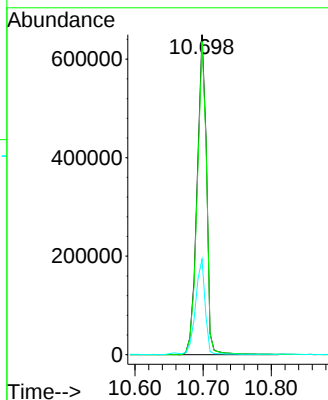
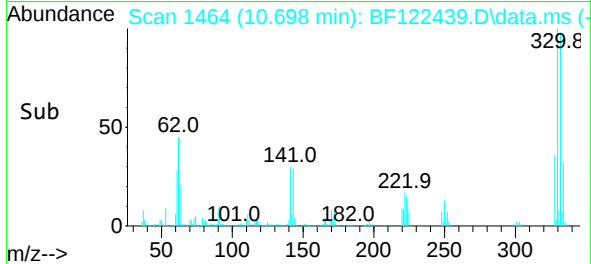
Instrument :
BNA_F
ClientSampled :
MW-6



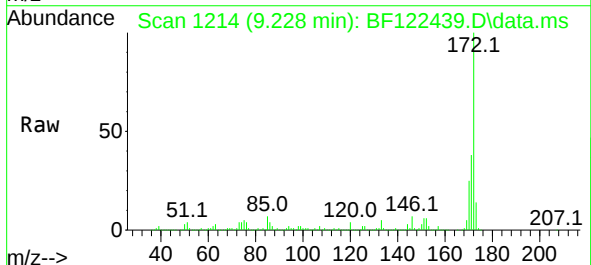
Tgt Ion: 330 Resp: 623887
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 30.0 22.3 33.5

Manual Integrations
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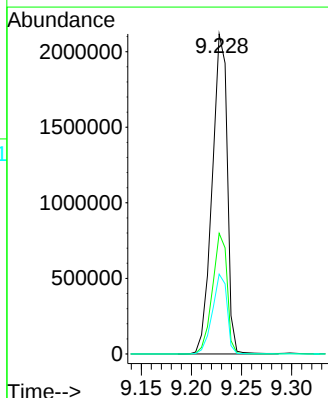
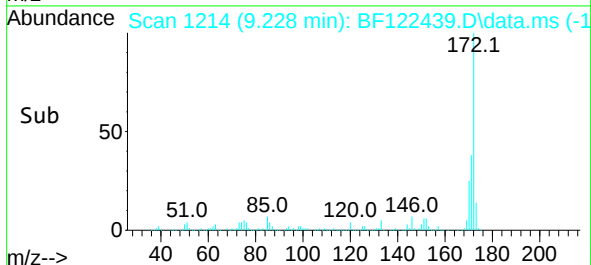
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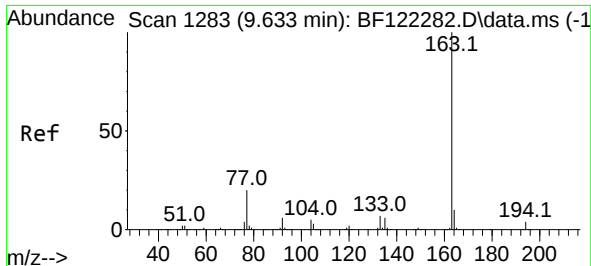


#45
2-Fluorobiphenyl
Concen: 88.70 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122439.D
Acq: 22 Nov 2020 1:03



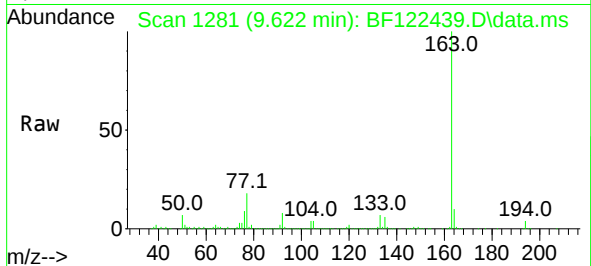
Tgt Ion: 172 Resp: 2217594
Ion Ratio Lower Upper
172 100
171 37.7 29.1 43.7
170 25.0 19.8 29.6





#50
Dimethylphthalate
Concen: 10.41 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122439.D
Acq: 22 Nov 2020 1:03

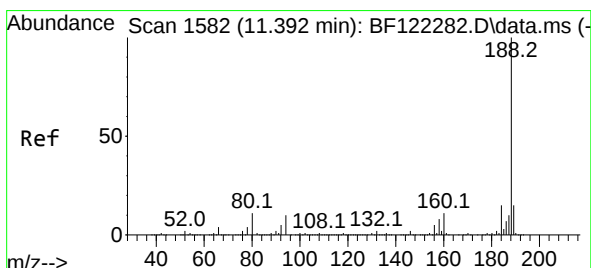
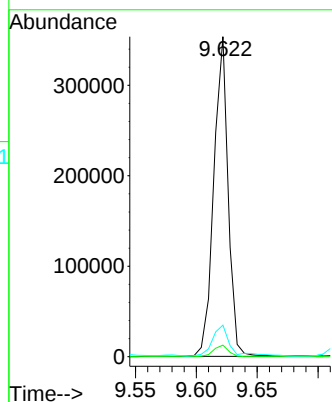
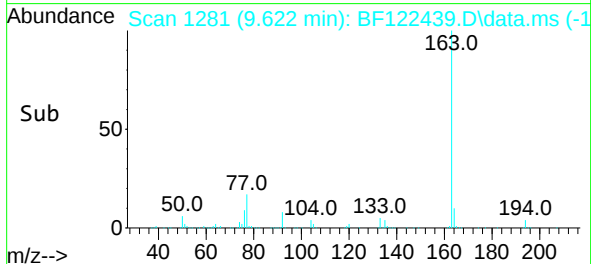
Instrument :
BNA_F
ClientSampled :
MW-6



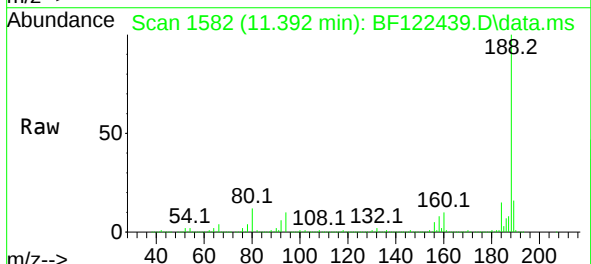
Tgt Ion:163 Resp: 288917
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 9.9 8.2 12.4

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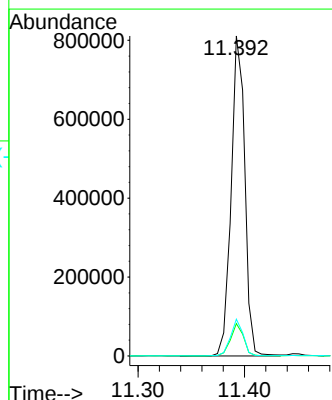
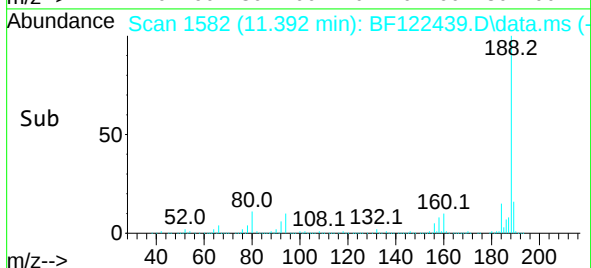
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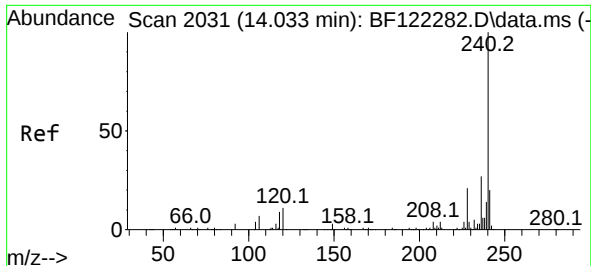


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122439.D
Acq: 22 Nov 2020 1:03

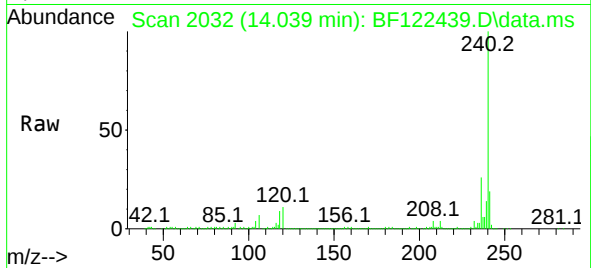


Tgt Ion:188 Resp: 722358
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 11.5 9.1 13.7

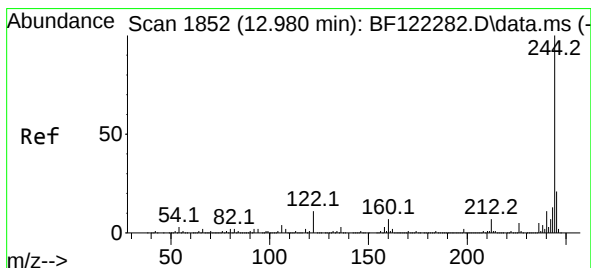
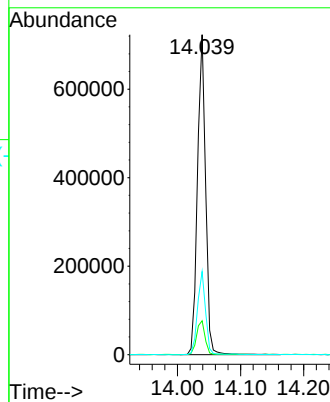
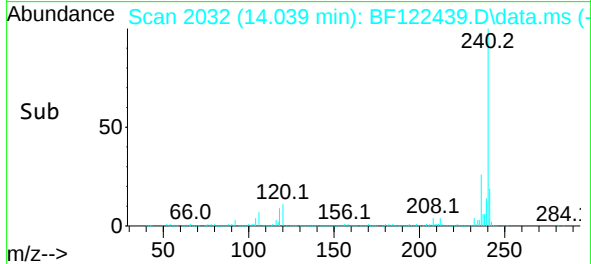




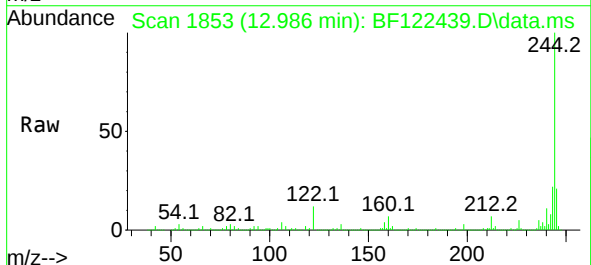
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122439.D
Acq: 22 Nov 2020 1:03



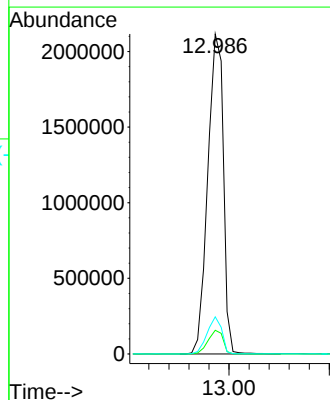
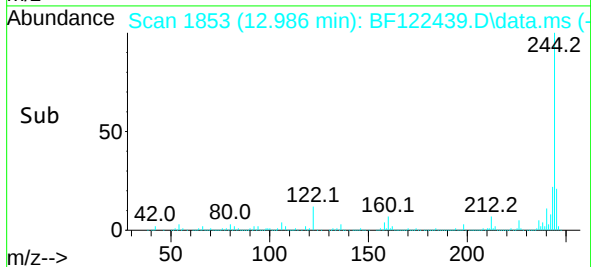
Tgt Ion:240 Resp: 645856
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 75.28 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF122439.D
Acq: 22 Nov 2020 1:03



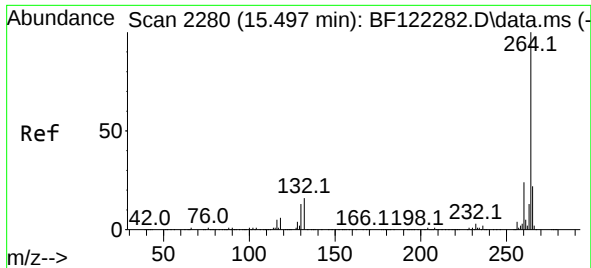
Tgt Ion:244 Resp: 2294978
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 11.6 8.1 12.1



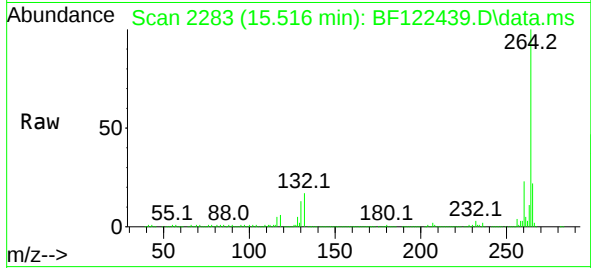
Instrument :
BNA_F
ClientSampleId :
MW-6

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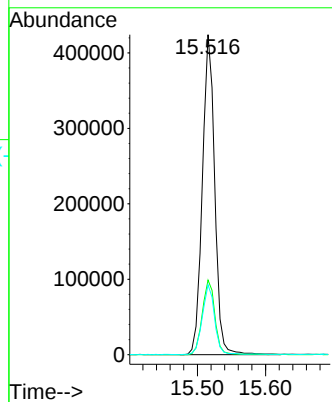
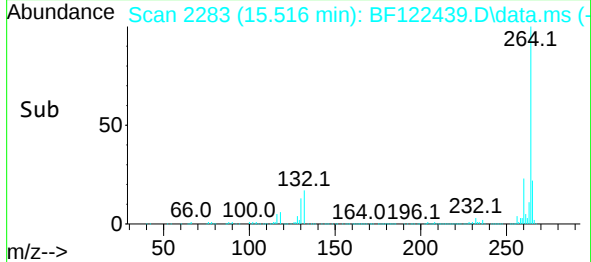
mohammad
11/24/2020 9:02:32 AM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.516 min Scan# 2283
 Delta R.T. -0.018 min
 Lab File: BF122439.D
 Acq: 22 Nov 2020 1:03



Tgt Ion: 264 Resp: 535670
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.7 28.1
 265 21.8 17.3 25.9



Instrument :
 BNA_F
 ClientSampleId :
 MW-6

Manual Integrations
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