

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
 Data File : BF122898.D
 Acq On : 31 Dec 2020 16:17
 Operator : JU/CG
 Sample : L5244-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-123020

Manual Integrations
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Quant Time: Dec 31 16:50:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 15:53:00 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	132877	20.00	ng	0.00
21) Naphthalene-d8	8.110	136	512010	20.00	ng	0.00
39) Acenaphthene-d10	9.869	164	269458	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	474170	20.00	ng	0.00
76) Chrysene-d12	14.010	240	369922	20.00	ng	0.00
86) Perylene-d12	15.486	264	378632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	588113	70.07	ng	0.00
7) Phenol-d6	6.457	99	720871	64.76	ng	-0.01
23) Nitrobenzene-d5	7.387	82	433916	42.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	222440	63.07	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	844185	42.37	ng	0.00
79) Terphenyl-d14	12.945	244	1046061	49.50	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.469	94	35059	3.04	ng	93
50) Dimethylphthalate	9.581	163	90659	4.21	ng	# 99
75) Fluoranthene	12.574	202	68865	2.33	ng	99
78) Pyrene	12.804	202	68233	2.39	ng	100
88) Benzo(b)fluoranthene	15.057	252	53424m	2.01	ng	

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

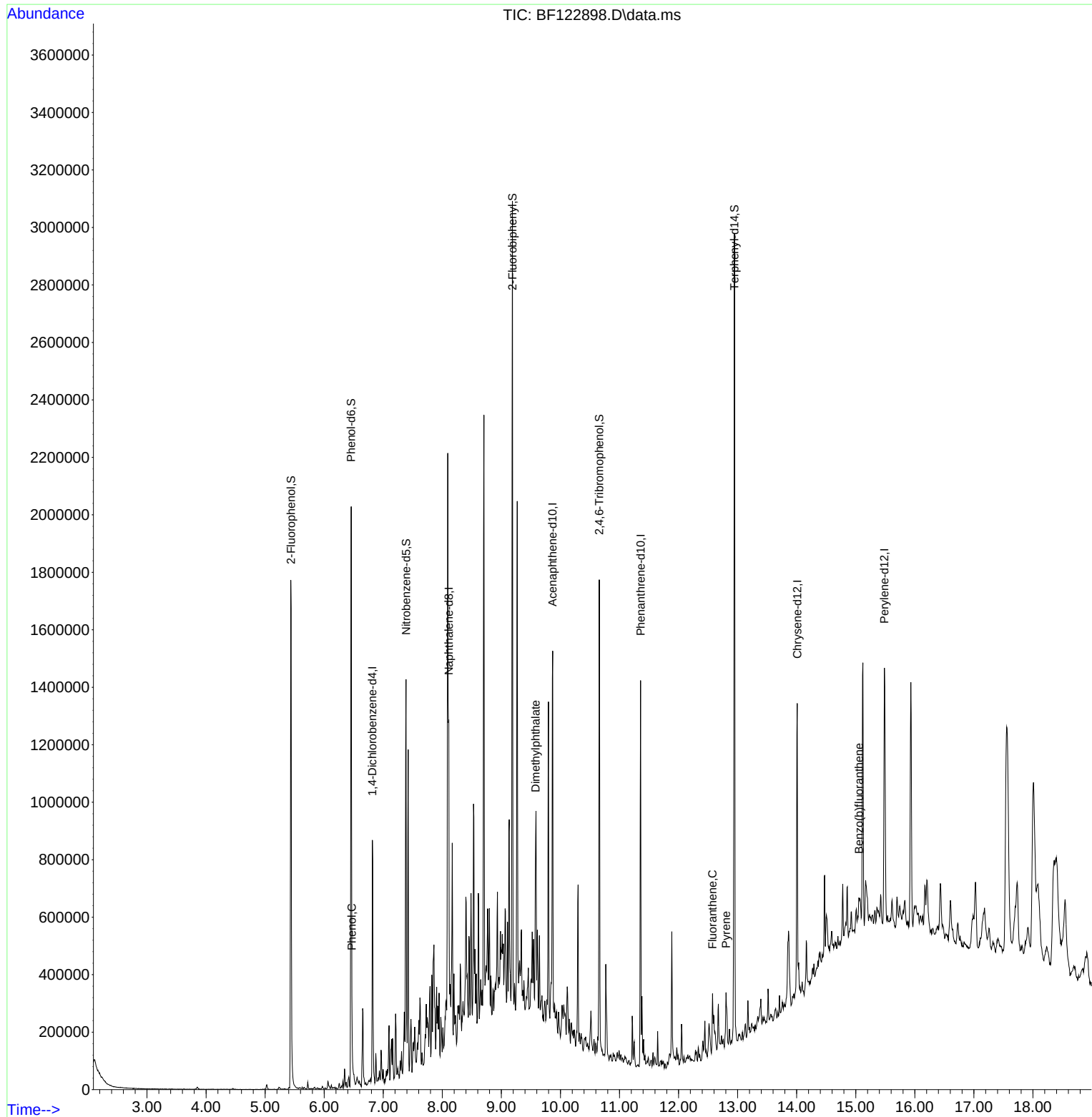
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123120\
Data File : BF122898.D
Acq On : 31 Dec 2020 16:17
Operator : JU/CG
Sample : L5244-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

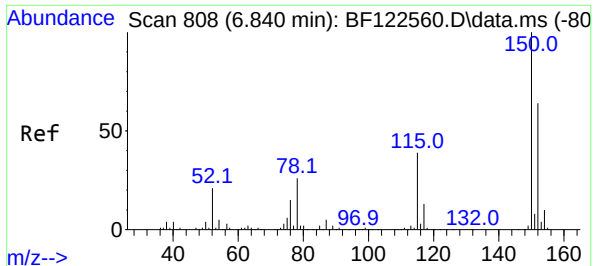
Instrument :
BNA_F
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HR-01-123020

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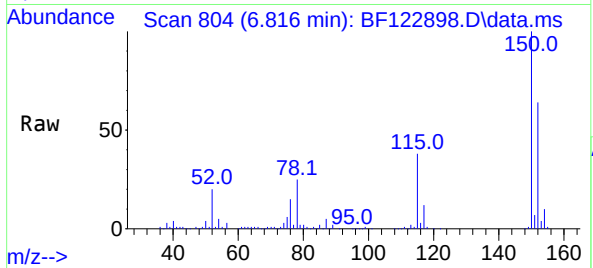
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Quant Time: Dec 31 16:50:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 15:53:00 2020
Response via : Initial Calibration

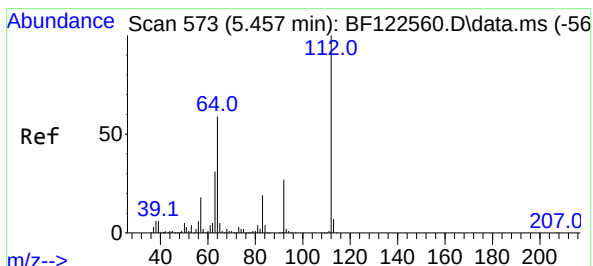
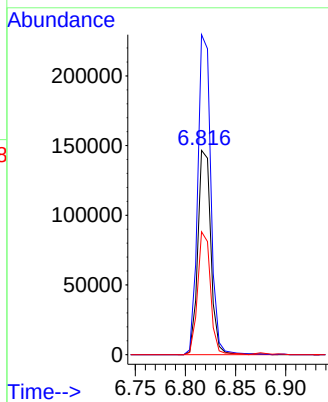
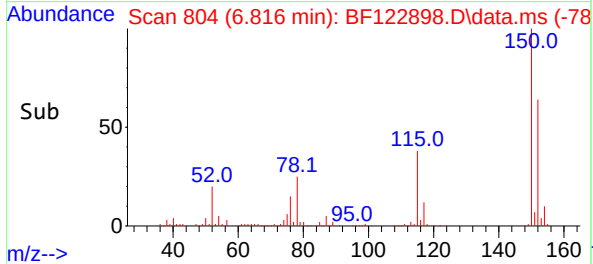




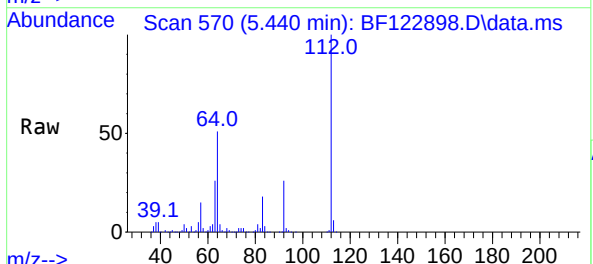
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122898.D
Acq: 31 Dec 2020 16:17



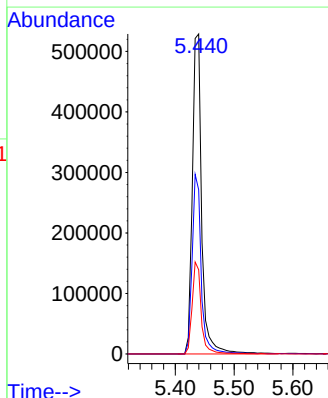
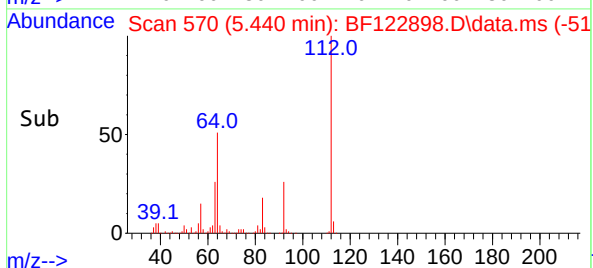
Tgt Ion:152 Resp: 132877
Ion Ratio Lower Upper
152 100
150 156.6 125.8 188.6
115 60.1 49.3 73.9



#5
2-Fluorophenol
Concen: 70.07 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF122898.D
Acq: 31 Dec 2020 16:17



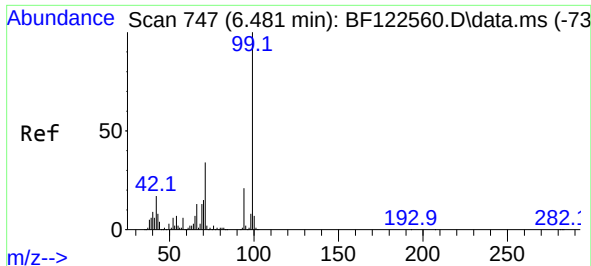
Tgt Ion:112 Resp: 588113
Ion Ratio Lower Upper
112 100
64 51.3 46.9 70.3
63 26.3 24.5 36.7



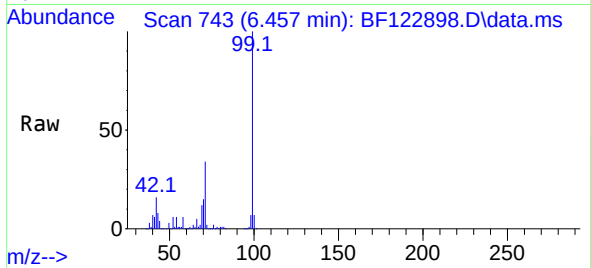
Instrument :
BNA_F
ClientSampleId :
HR-01-123020

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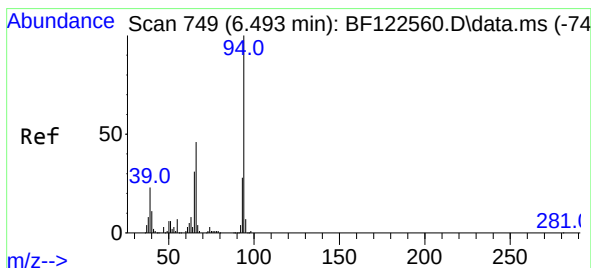
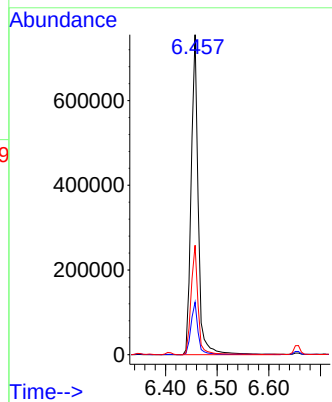
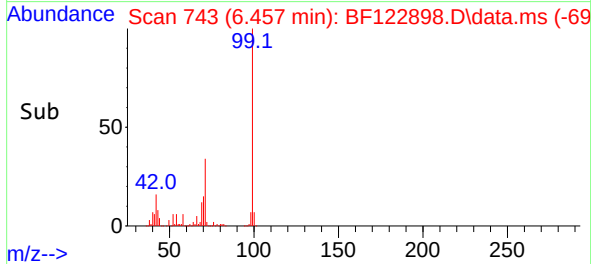
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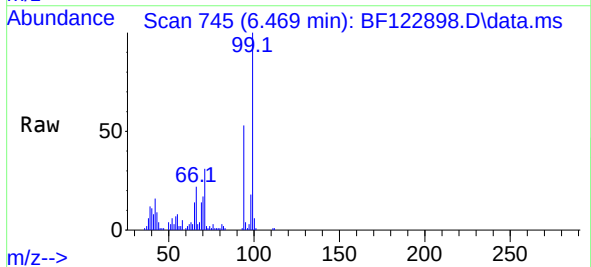
#7
Phenol-d6
Concen: 64.76 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF122898.D
Acq: 31 Dec 2020 16:17



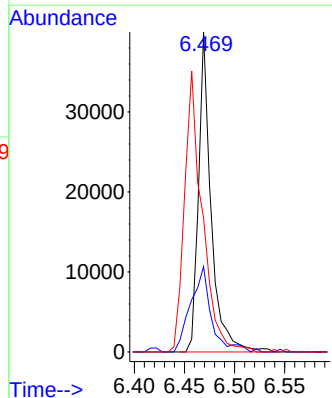
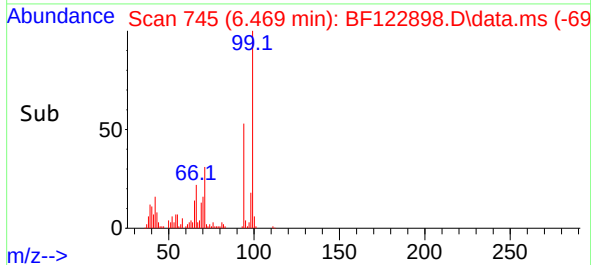
Tgt Ion: 99 Resp: 720871
Ion Ratio Lower Upper
99 100
42 16.4 13.8 20.6
71 34.2 26.9 40.3



#10
Phenol
Concen: 3.04 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.018 min
Lab File: BF122898.D
Acq: 31 Dec 2020 16:17



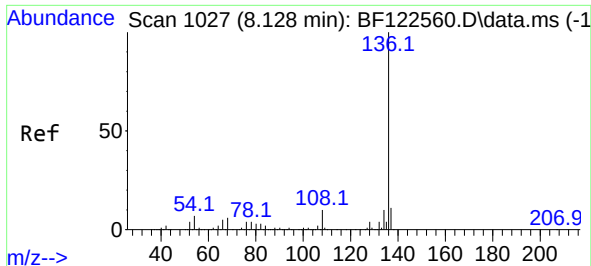
Tgt Ion: 94 Resp: 35059
Ion Ratio Lower Upper
94 100
65 26.6 11.2 51.2
66 41.9 25.8 65.8



Instrument :
BNA_F
ClientSampleId :
HR-01-123020

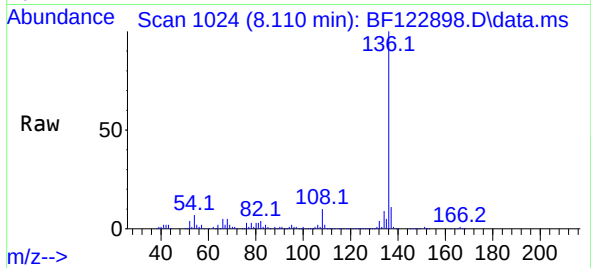
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF122898.D
Acq: 31 Dec 2020 16:17

Instrument :
BNA_F
ClientSampleId :
HR-01-123020

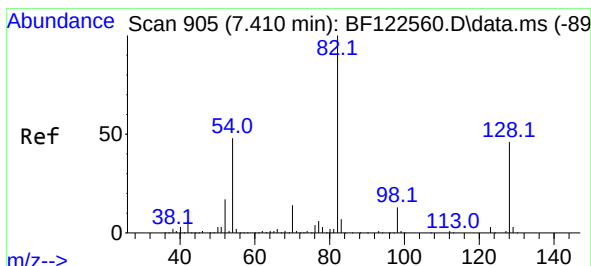
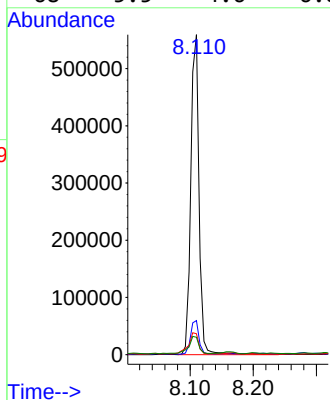
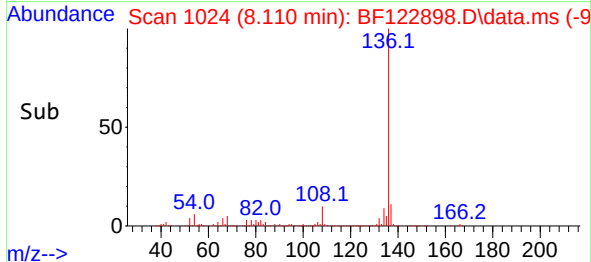


Tgt Ion: 136 Resp: 512010

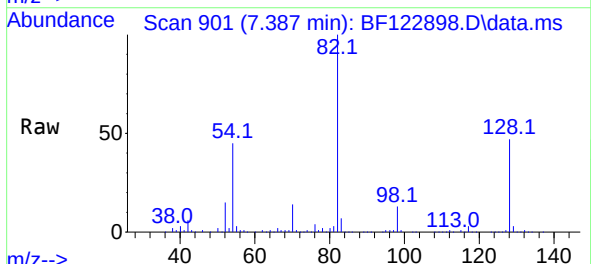
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.5	5.5	8.3
68	5.5	4.6	6.8

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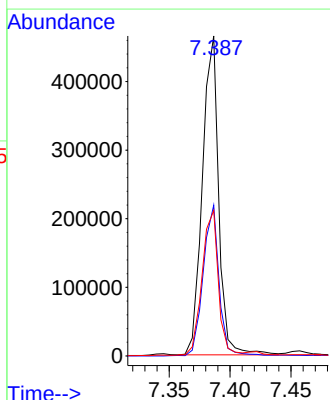
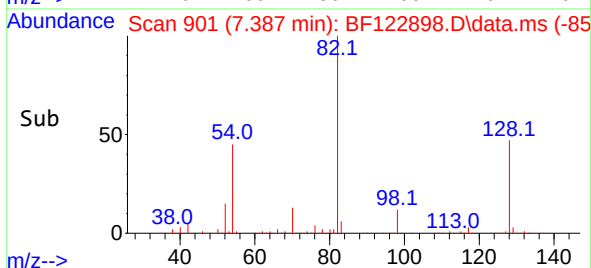


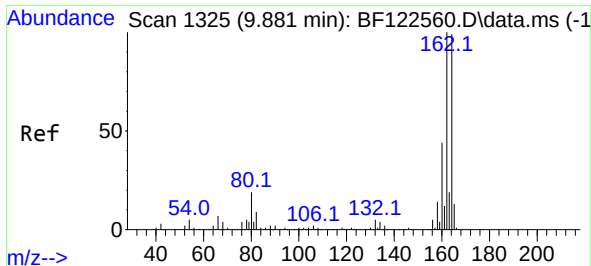
#23
Nitrobenzene-d5
Concen: 42.46 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.012 min
Lab File: BF122898.D
Acq: 31 Dec 2020 16:17



Tgt Ion: 82 Resp: 433916

Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.0	55.4
54	45.5	38.4	57.6





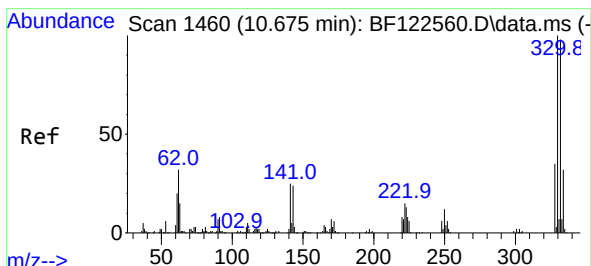
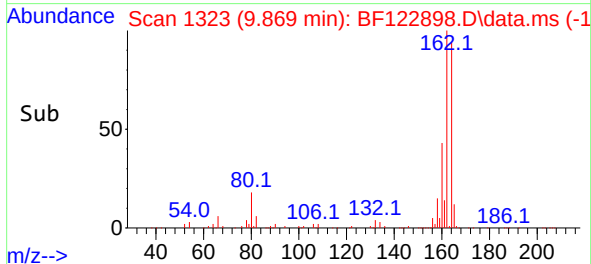
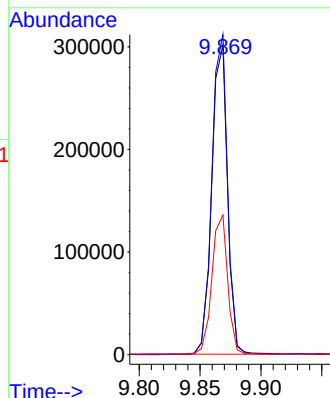
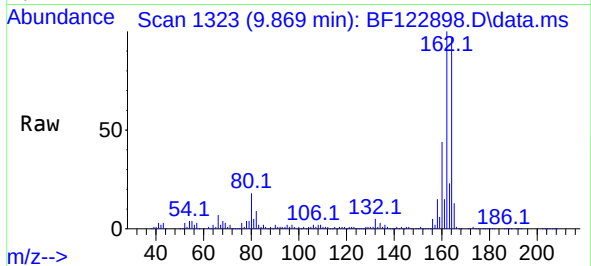
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF122898.D
Acq: 31 Dec 2020 16:17

Tgt Ion:164 Resp: 269458
Ion Ratio Lower Upper
164 100
162 103.4 80.8 121.2
160 45.1 35.4 53.0

Instrument :
BNA_F
ClientSampleId :
HR-01-123020

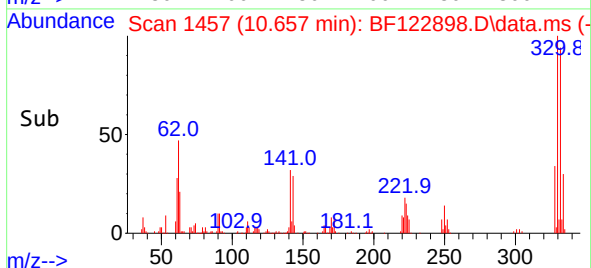
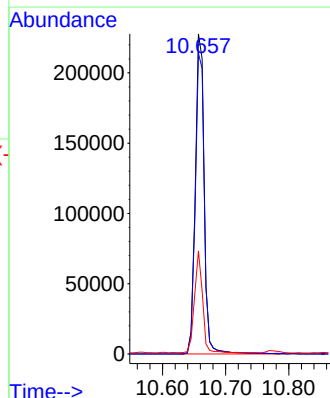
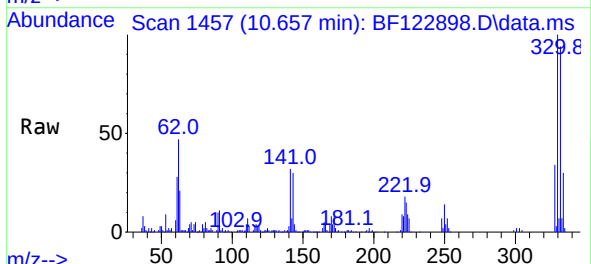
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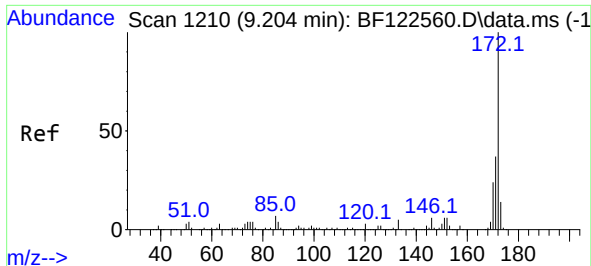
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#42
2,4,6-Tribromophenol
Concen: 63.07 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF122898.D
Acq: 31 Dec 2020 16:17

Tgt Ion:330 Resp: 222440
Ion Ratio Lower Upper
330 100
332 95.5 77.5 116.3
141 29.0 23.8 35.8





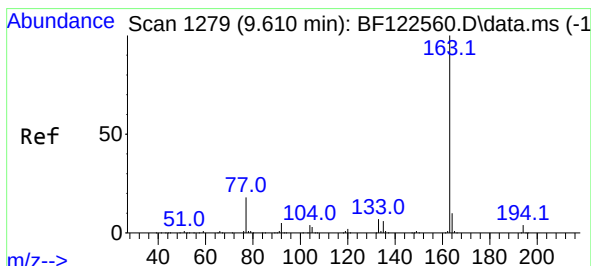
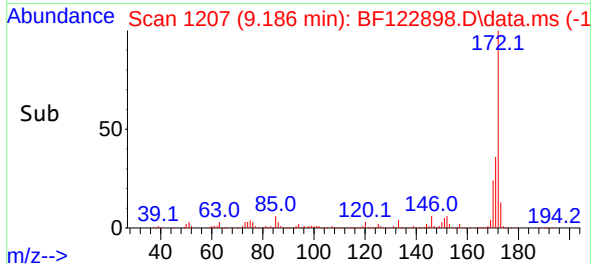
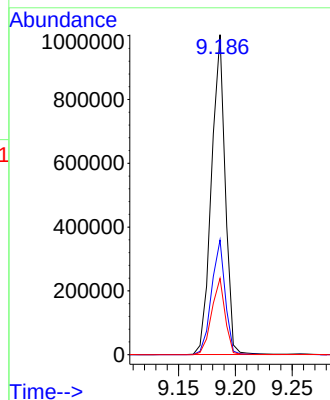
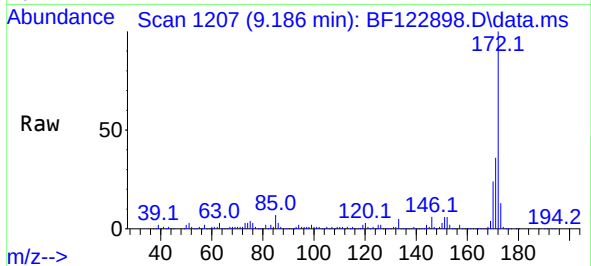
#45
2-Fluorobiphenyl
Concen: 42.37 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF122898.D
Acq: 31 Dec 2020 16:17

Tgt Ion:	172	Resp:	844185
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.6	44.4
170	23.8	19.5	29.3

Instrument :
BNA_F
ClientSampleId :
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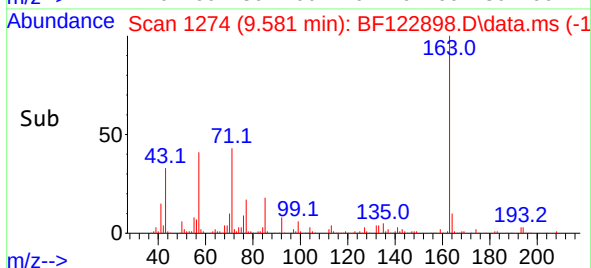
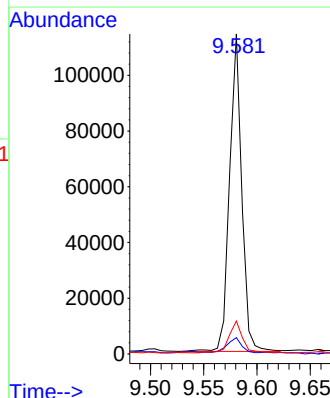
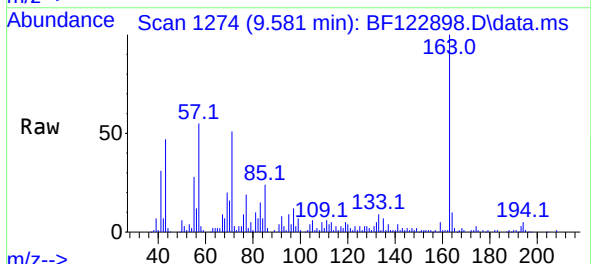
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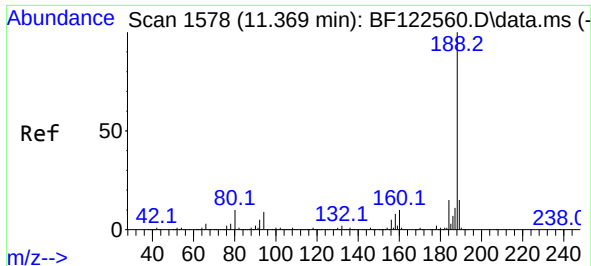
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#50
Dimethylphthalate
Concen: 4.21 ng
RT: 9.581 min Scan# 1274
Delta R.T. -0.018 min
Lab File: BF122898.D
Acq: 31 Dec 2020 16:17

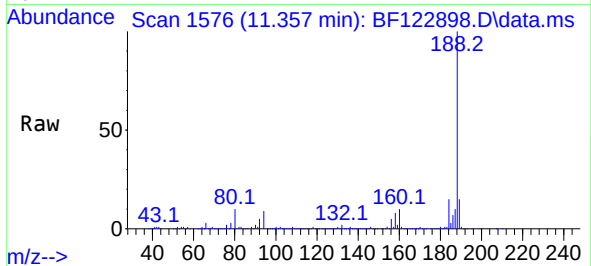
Tgt Ion:	163	Resp:	90659
Ion Ratio	Lower	Upper	
163	100		
194	5.1	3.4	5.0#
164	10.3	8.1	12.1





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF122898.D
Acq: 31 Dec 2020 16:17

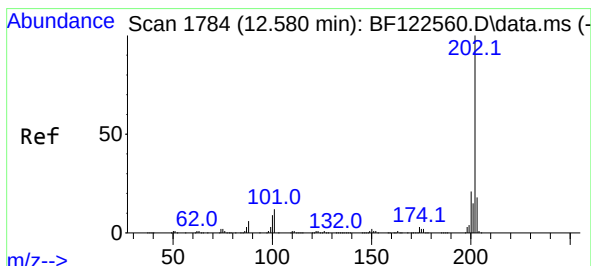
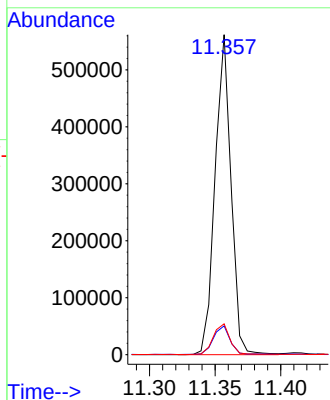
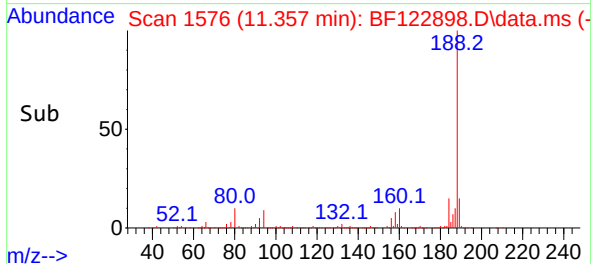
Instrument :
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ClientSampleId :
HR-01-123020



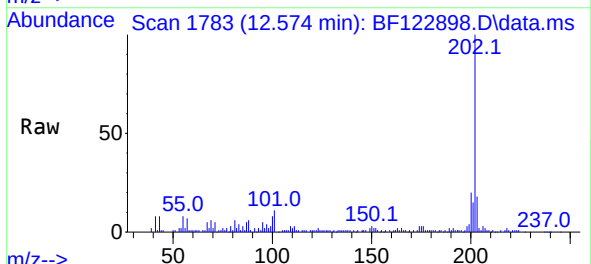
Tgt Ion:188 Resp: 474170
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.6 8.2 12.4

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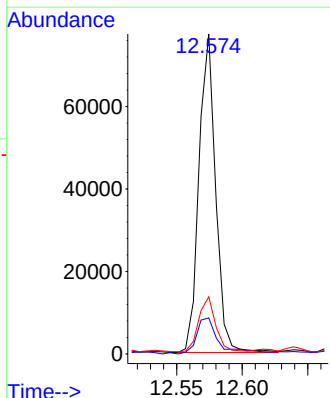
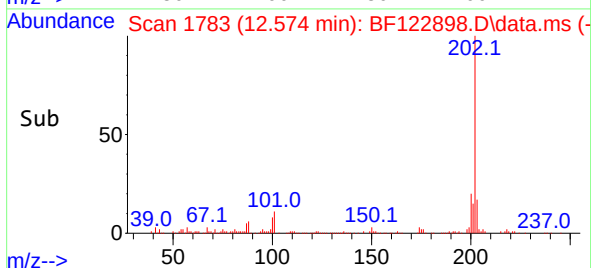
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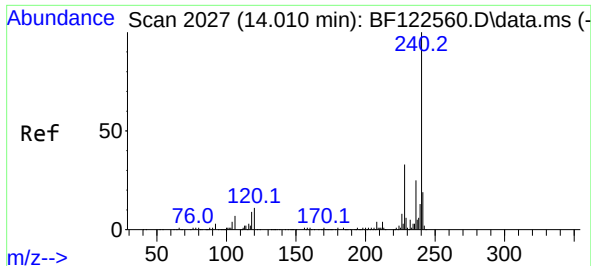


#75
Fluoranthene
Concen: 2.33 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF122898.D
Acq: 31 Dec 2020 16:17

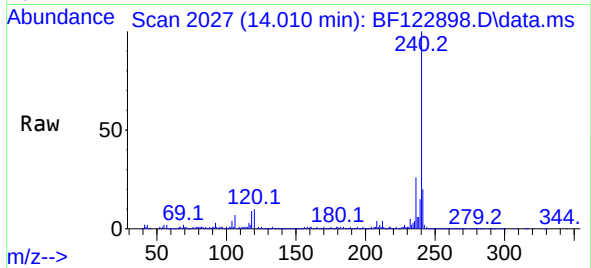


Tgt Ion:202 Resp: 68865
Ion Ratio Lower Upper
202 100
101 11.3 0.0 32.2
203 17.9 0.0 38.1

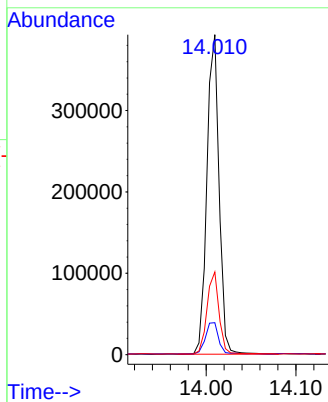
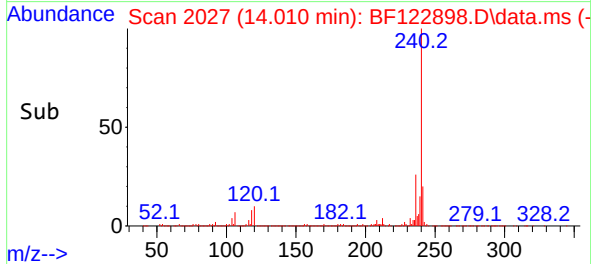




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF122898.D
Acq: 31 Dec 2020 16:17



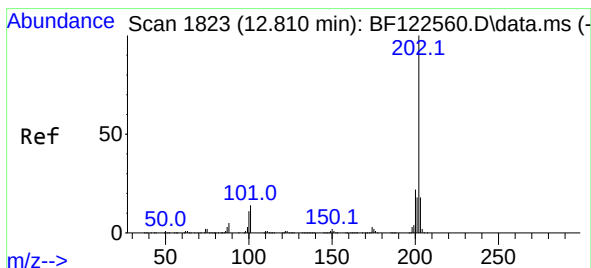
Tgt Ion:240 Resp: 369922
Ion Ratio Lower Upper
240 100
120 10.0 8.6 12.8
236 25.8 20.3 30.5



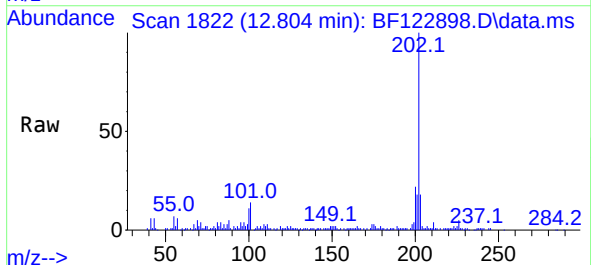
Instrument :
BNA_F
ClientSampleId :
HR-01-123020

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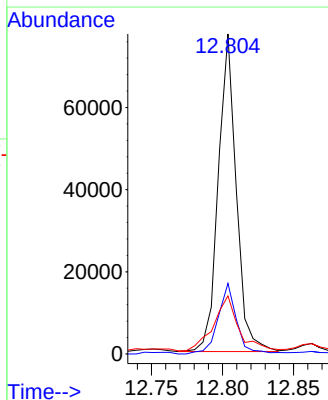
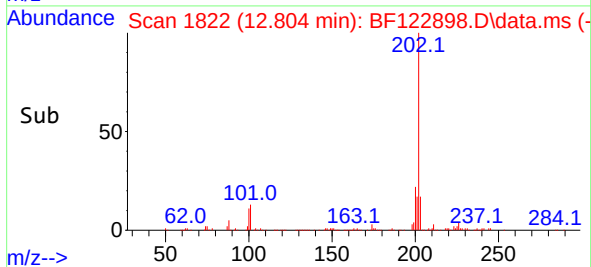
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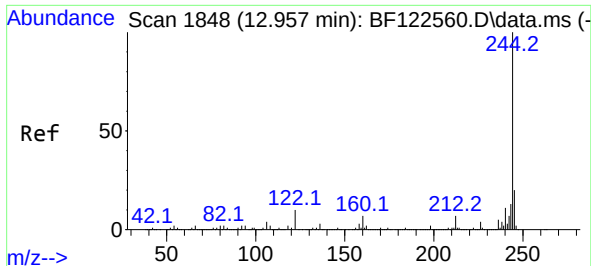


#78
Pyrene
Concen: 2.39 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BF122898.D
Acq: 31 Dec 2020 16:17

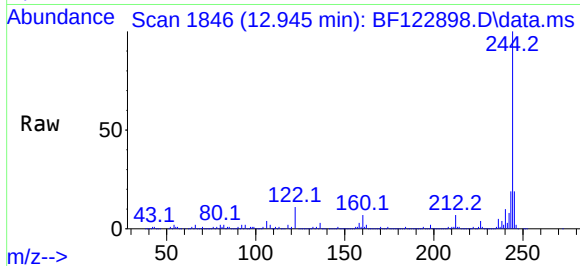


Tgt Ion:202 Resp: 68233
Ion Ratio Lower Upper
202 100
200 22.0 17.6 26.4
203 18.1 14.6 21.8

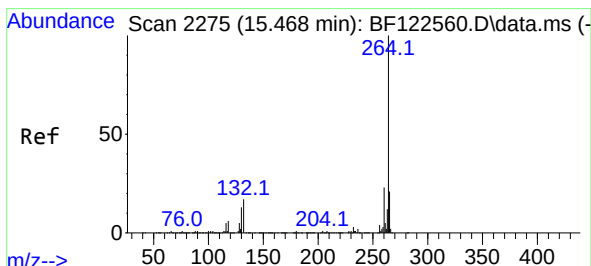
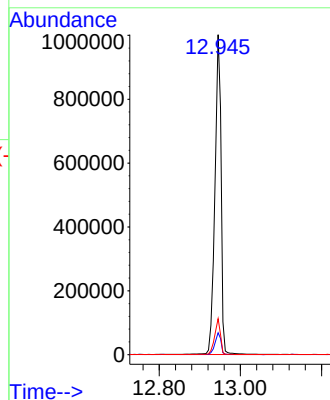
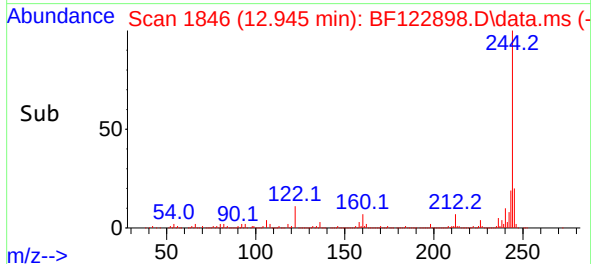




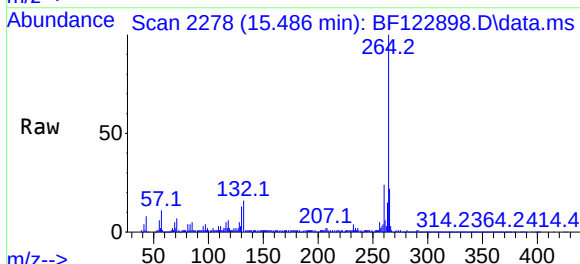
#79
Terphenyl-d14
Concen: 49.50 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF122898.D
Acq: 31 Dec 2020 16:17



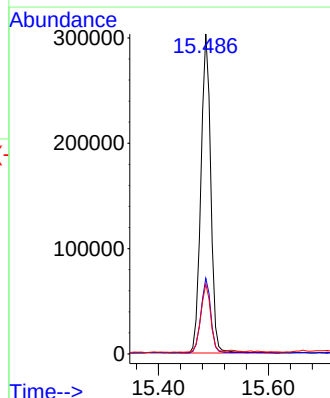
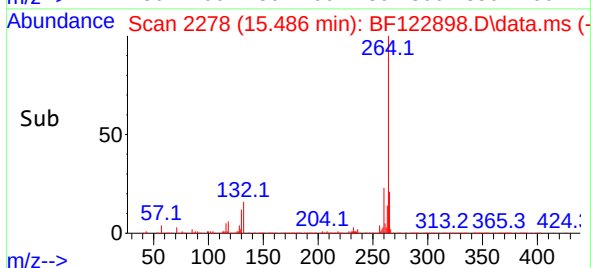
Tgt Ion:244 Resp: 1046061
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 11.3 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BF122898.D
Acq: 31 Dec 2020 16:17



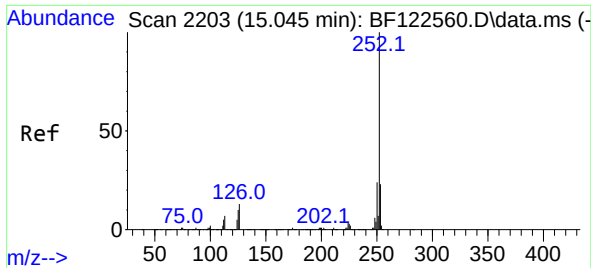
Tgt Ion:264 Resp: 378632
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 21.9 17.0 25.6



Instrument :
BNA_F
ClientSampleId :
HR-01-123020

Manual Integrations
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1/4/2021 11:51:33 AM



#88
Benzo(b)fluoranthene
Concen: 2.01 ng m
RT: 15.057 min Scan# 2205
Delta R.T. -0.006 min
Lab File: BF122898.D
Acq: 31 Dec 2020 16:17

Tgt Ion:252 Resp: 53424
Ion Ratio Lower Upper
252 100
253 32.8 18.3 27.5#
125 20.4 8.1 12.1#

Instrument :
BNA_F
ClientSampleId :
HR-01-123020

Manual Integrations
APPROVED

mohammad
1/4/2021 11:51:33 AM

