Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073118\
Data File : BN002208.D
Acq On : 31 Jul 2018 13:20
Operator : JU/SJ
Sample : J4153-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-180724

Manual Integrations APPROVED
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8/1/2018 4:49:29 PM

Quant Time: Jul 31 16:26:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 16:17:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3453	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	14250	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	7667	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	16925	0.40	ng	0.00
27) Chrysene-d12	21.27	240	13233	0.40	ng	0.00
34) Perylene-d12	23.50	264	11473	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	291	0.04	ng	0.00
5) Phenol-d6	6.90	99	273m	0.03	ng	0.02
8) Nitrobenzene-d5	8.84	82	4900	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.06	152	9445	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	998	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	18150	0.62	ng	0.00
25) Fluoranthene-d10	19.11	212	19193	0.46	ng	0.00
29) Terphenyl-d14	19.71	244	15230	0.54	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.52	128	848	0.026	ng	# 71
32) Bis(2-ethylhexyl)phthalate	21.18	149	1467	0.096	ng	# 91

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

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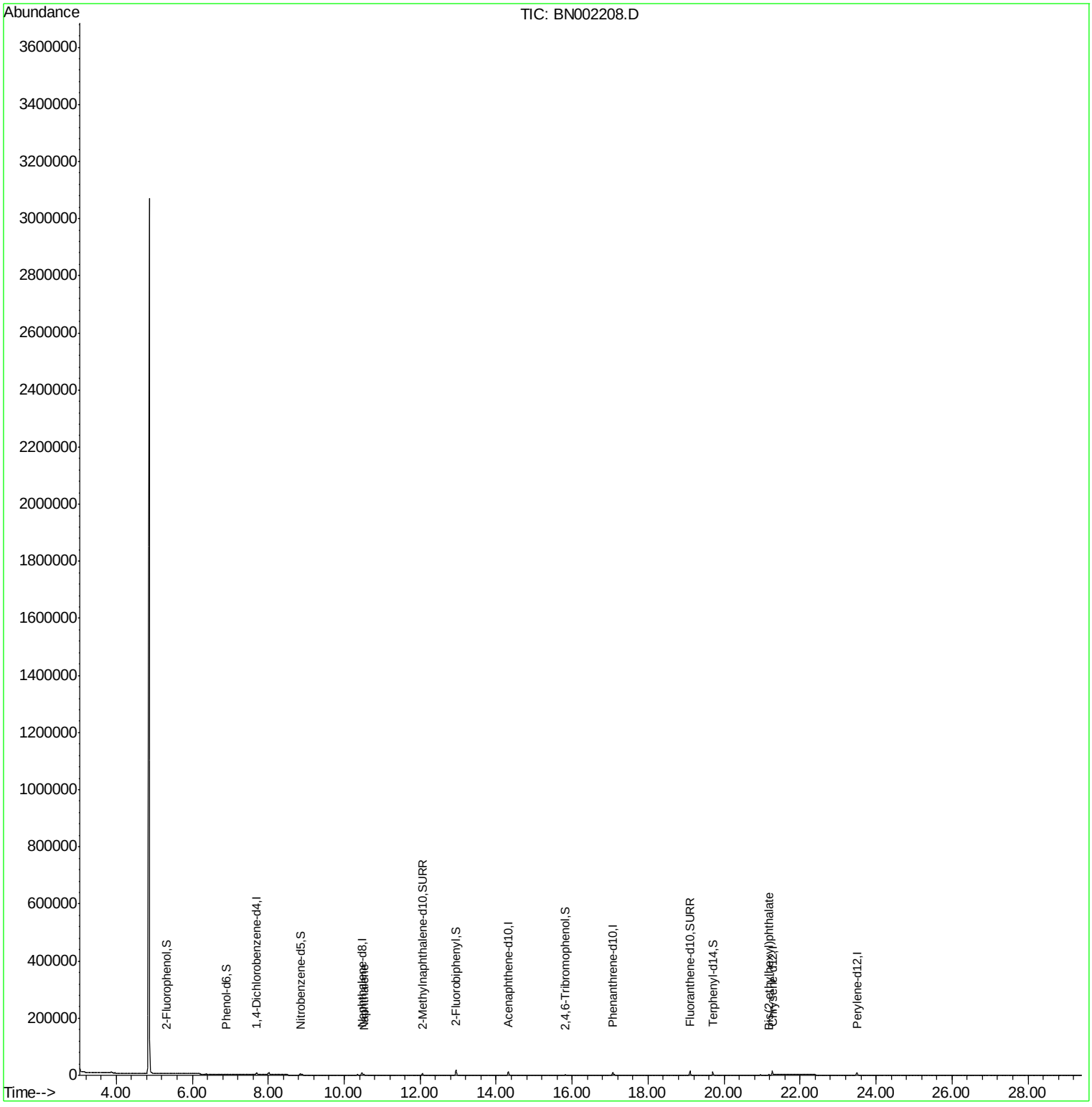
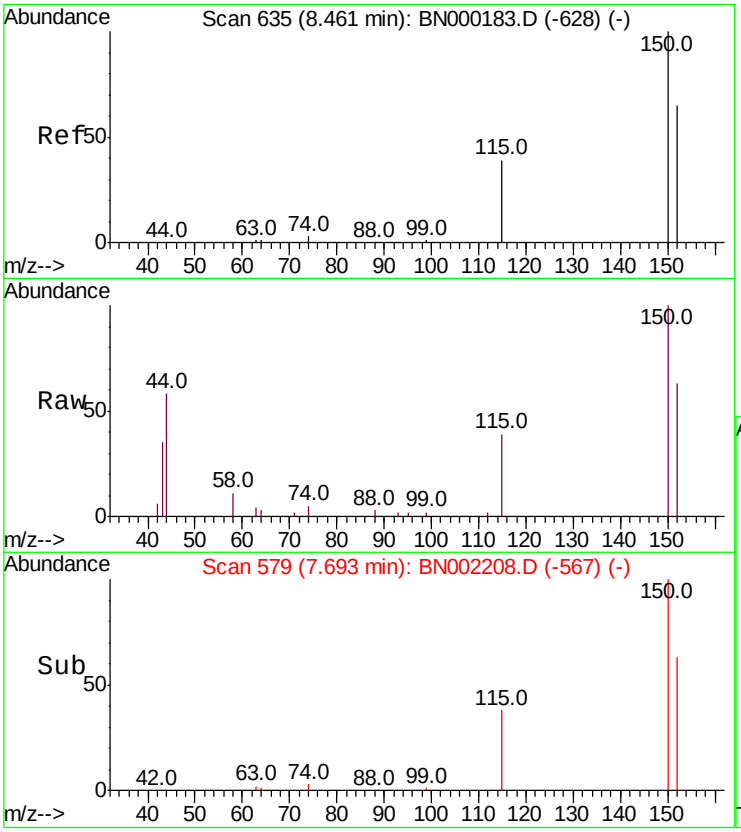
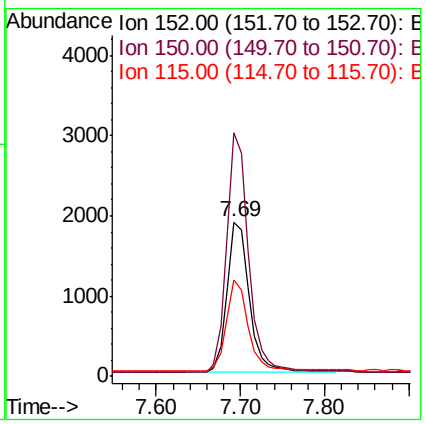




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. -0.00 min
Lab File: BN002208.D
Acq: 31 Jul 2018 13:20

Tgt Ion:152 Resp: 3453

Ion	Ratio	Lower	Upper
152	100		
150	158.1	117.2	175.8
115	62.2	57.0	85.6



Instrument :
BNA_N
ClientSampleId :
OUTFALL001-180724

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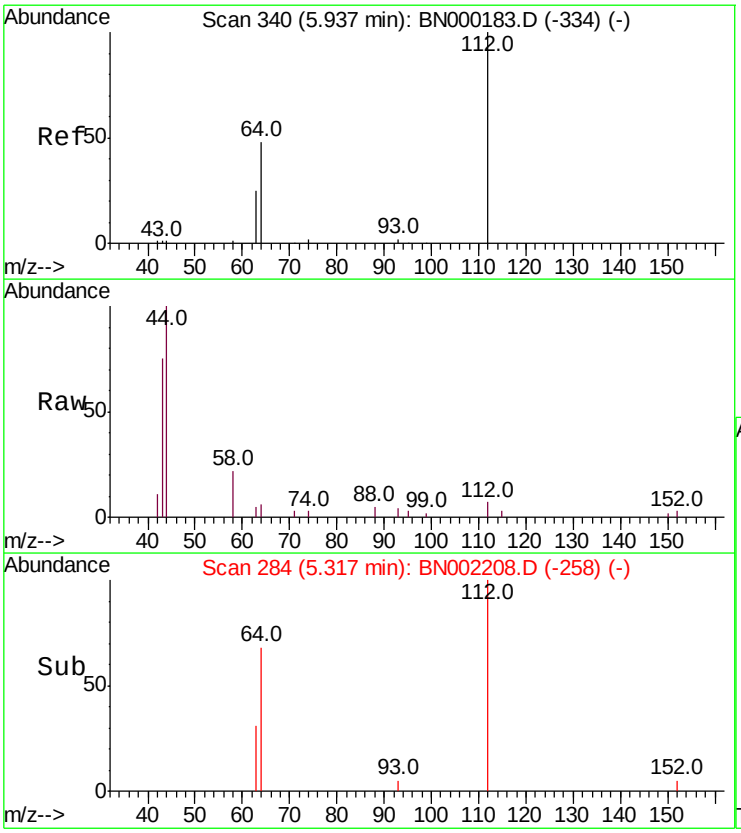
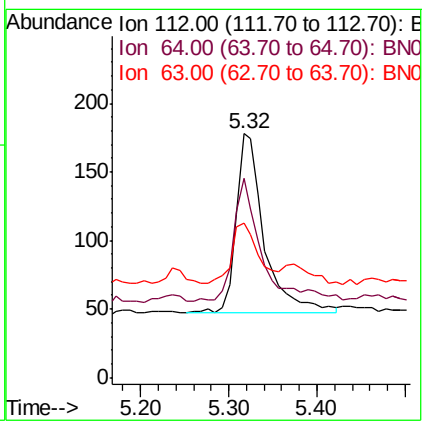
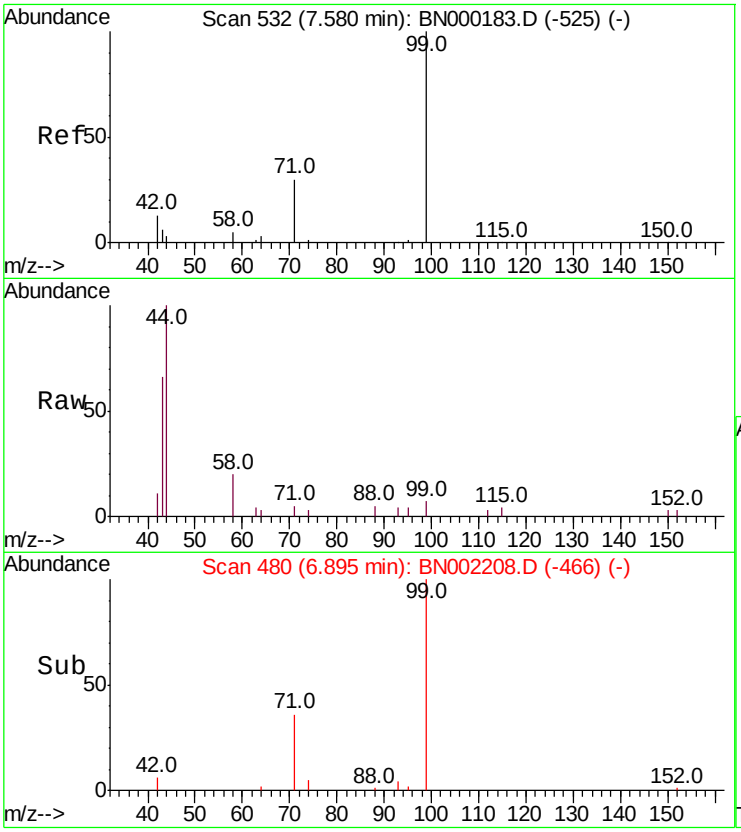


#4
2-Fluorophenol
Concen: 0.036 ng
RT: 5.32 min Scan# 284
Delta R.T. 0.01 min
Lab File: BN002208.D
Acq: 31 Jul 2018 13:20

Tgt Ion:112 Resp: 291

Ion	Ratio	Lower	Upper
112	100		
64	66.7	60.1	90.1
63	32.0	116.8	175.2#

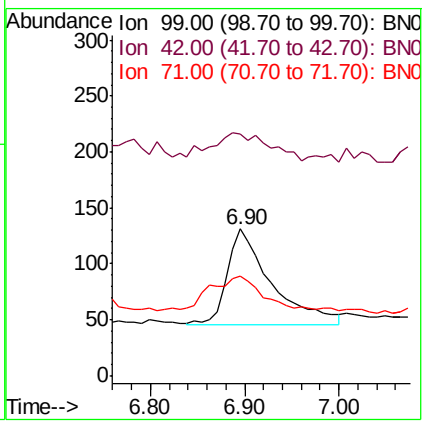




#5
Phenol-d6
Concen: 0.028 ng m
RT: 6.90 min Scan# 480
Delta R.T. 0.02 min
Lab File: BN002208.D
Acq: 31 Jul 2018 13:20

Tgt Ion: 99 Resp: 273

Ion	Ratio	Lower	Upper
99	100		
42	30.8	20.2	30.2#
71	42.1	28.4	42.6



Instrument :
BNA_N
ClientSampleId :
OUTFALL001-180724

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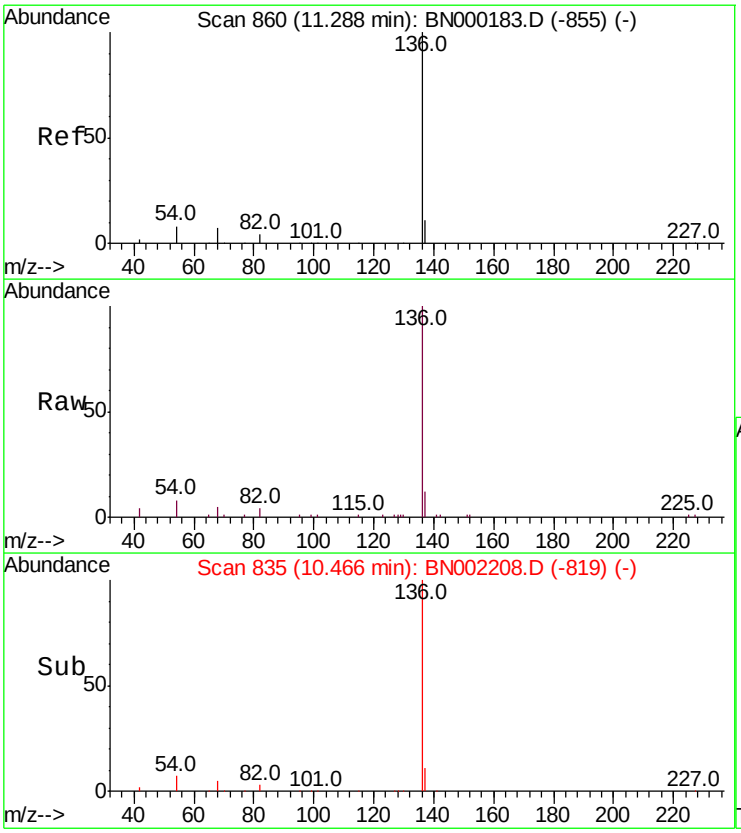
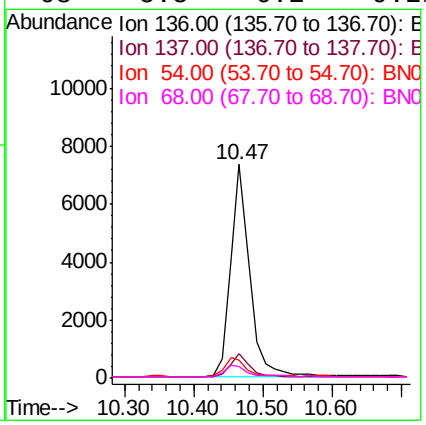
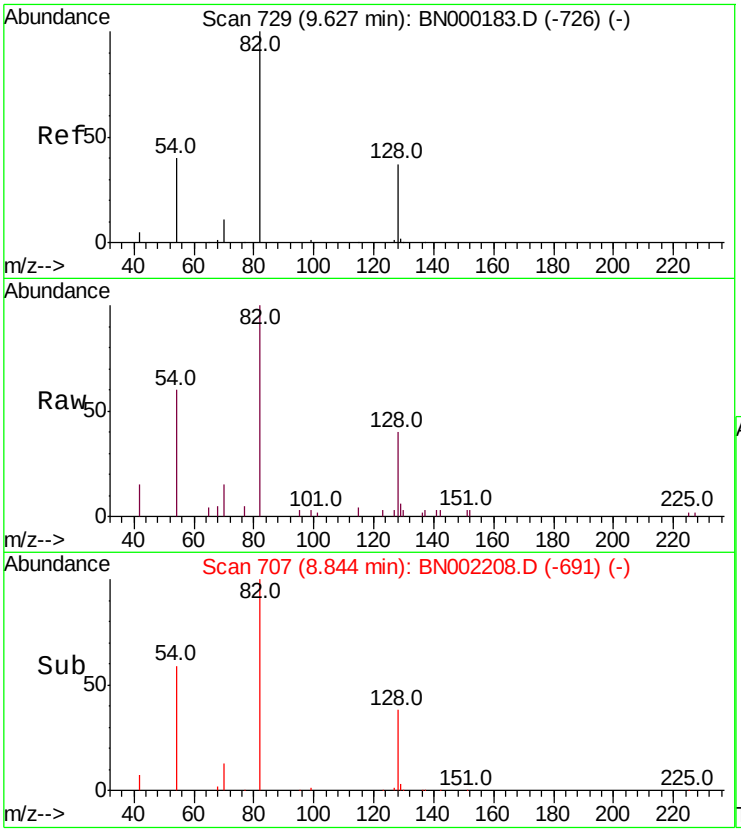


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.00 min
Lab File: BN002208.D
Acq: 31 Jul 2018 13:20

Tgt Ion:136 Resp: 14250

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.5	14.3
54	8.2	29.1	43.7#
68	5.5	6.2	9.2#





#8
Nitrobenzene-d5
Concen: 0.457 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.00 min
Lab File: BN002208.D
Acq: 31 Jul 2018 13:20

Tgt Ion: 82 Resp: 4900

Ion	Ratio	Lower	Upper
82	100		
128	40.2	150.0	225.0#
54	60.2	154.2	231.4#

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-180724

Manual Integrations APPROVED
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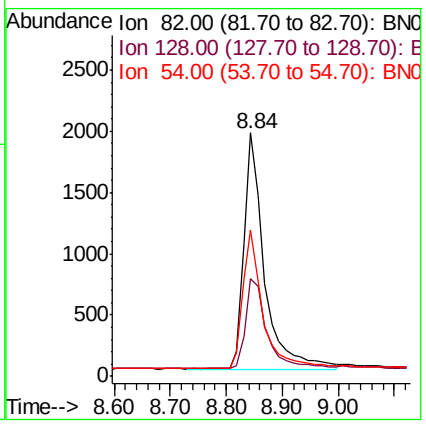
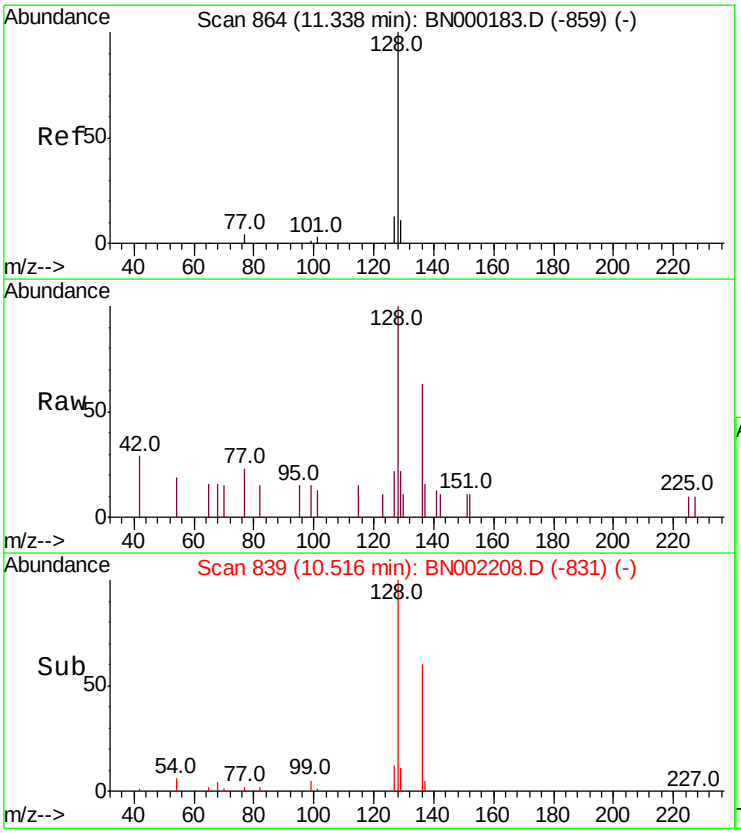
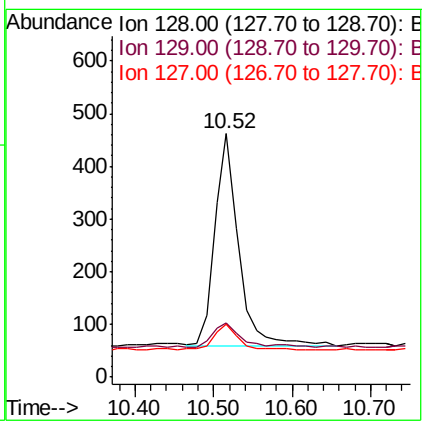


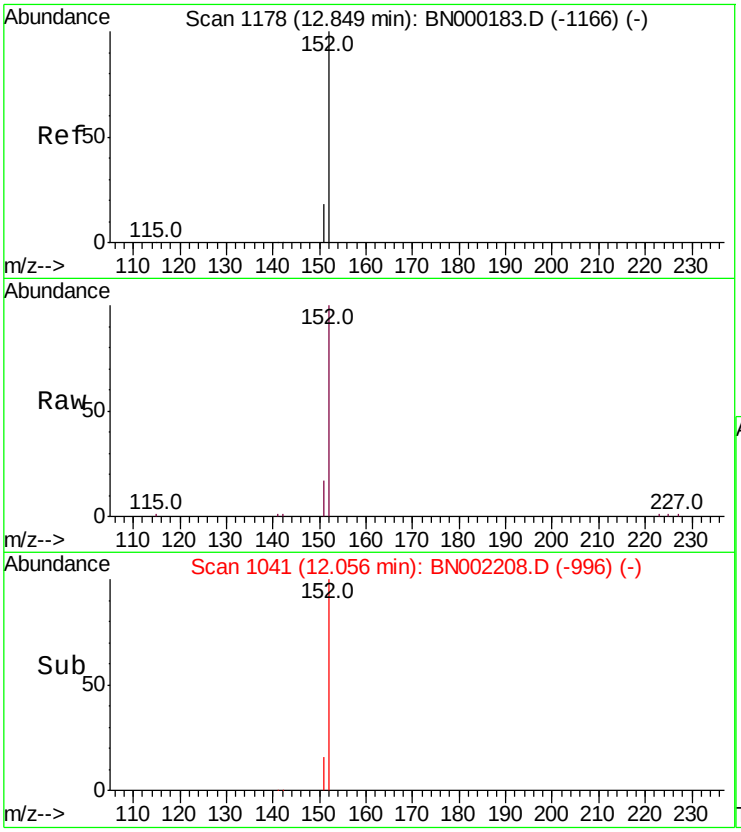


#9
Naphthalene
Concen: 0.026 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.00 min
Lab File: BN002208.D
Acq: 31 Jul 2018 13:20

Tgt Ion:128 Resp: 848

Ion	Ratio	Lower	Upper
128	100		
129	22.3	8.0	12.0#
127	21.6	9.6	14.4#

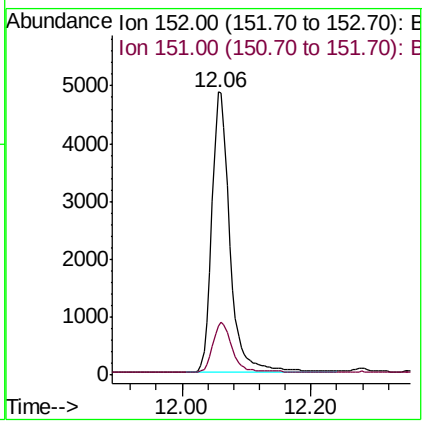




#11
2-Methylnaphthalene-d10
Concen: 0.450 ng
RT: 12.06 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BN002208.D
Acq: 31 Jul 2018 13:20

Tgt Ion:152 Resp: 9445

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0



Instrument :
BNA_N
ClientSampleId :
OUTFALL001-180724

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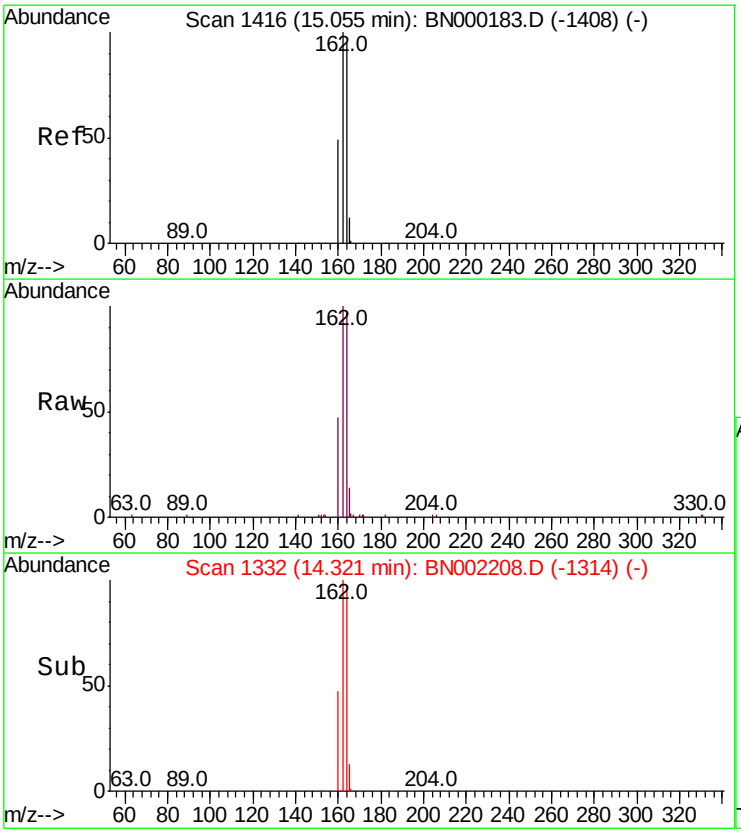
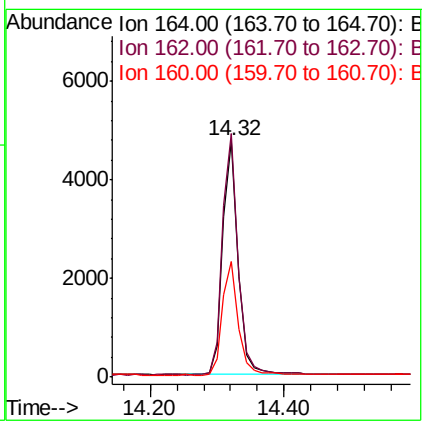
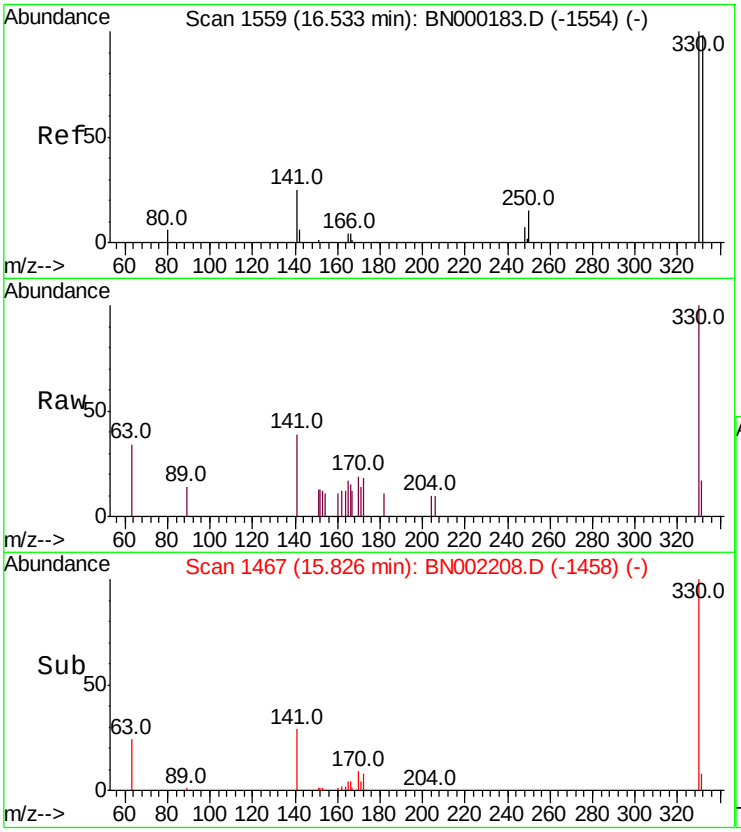


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BN002208.D
Acq: 31 Jul 2018 13:20

Tgt Ion:164 Resp: 7667

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.1	124.7
160	48.7	37.1	55.7





#14
2,4,6-Tribromophenol
Concen: 0.305 ng
RT: 15.83 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BN002208.D
Acq: 31 Jul 2018 13:20

Tgt Ion:330 Resp: 998

Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	35.9	33.7	50.5

Instrument :
BNA_N
ClientSampleId :
OUTFALL001-180724

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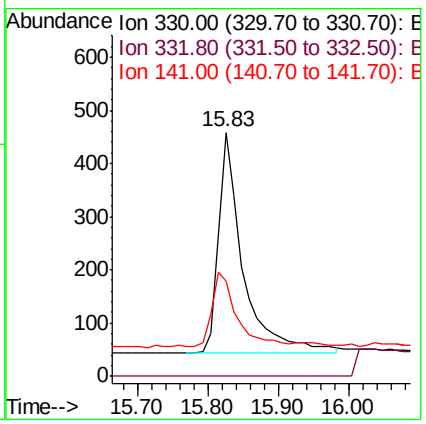
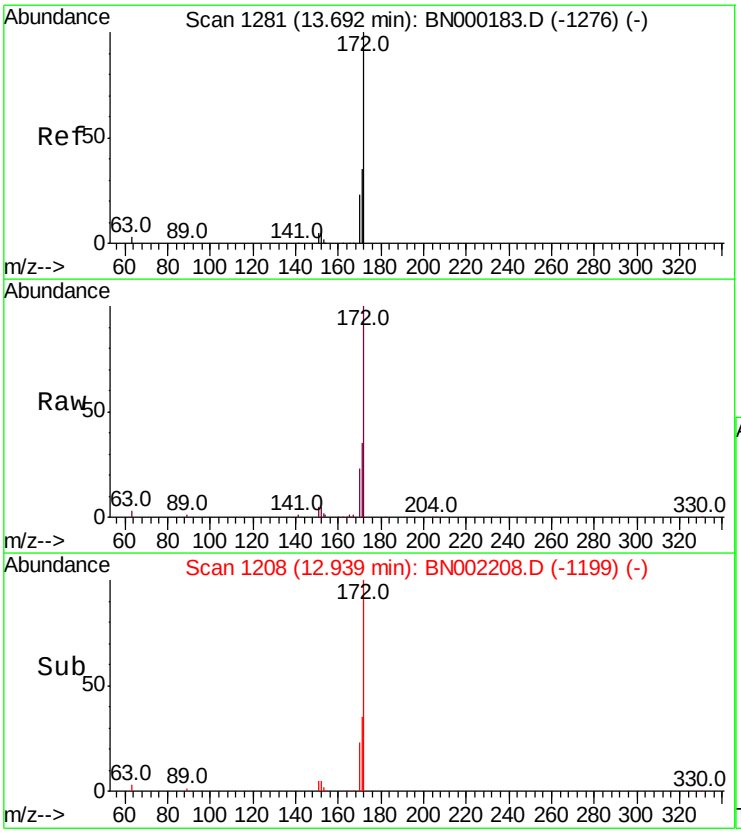
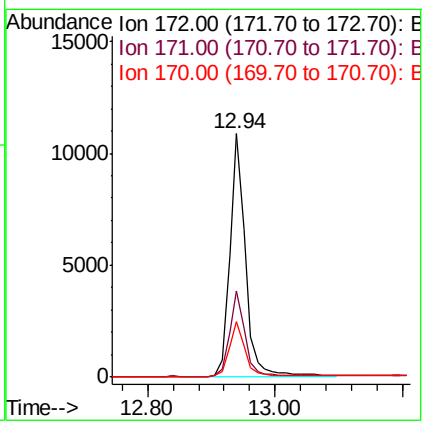


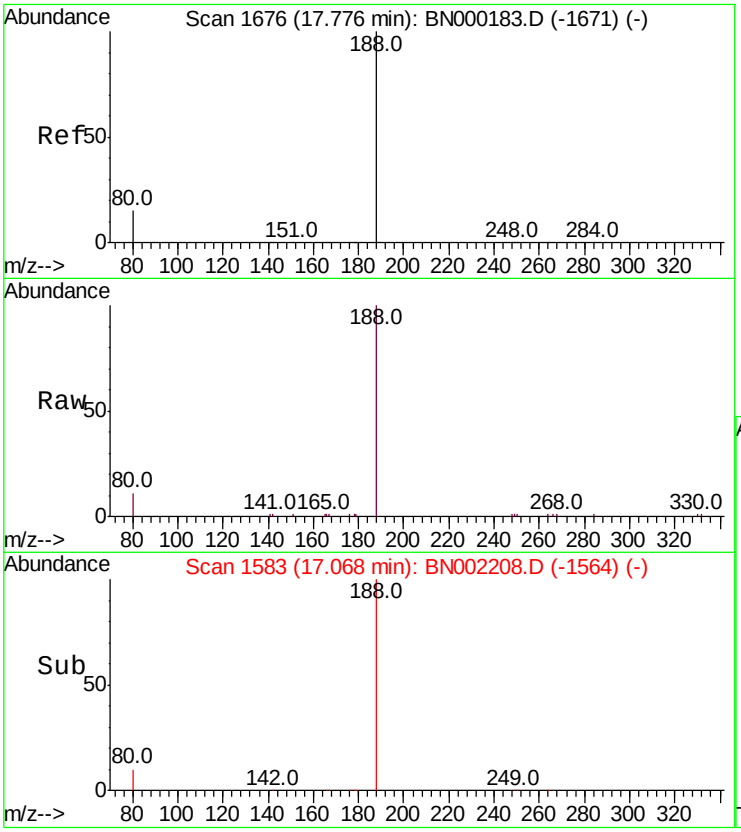


#15
2-Fluorobiphenyl
Concen: 0.617 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BN002208.D
Acq: 31 Jul 2018 13:20

Tgt Ion:172 Resp: 18150

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.9	44.9
170	23.0	21.8	32.8





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN002208.D
Acq: 31 Jul 2018 13:20

Tgt Ion:188 Resp: 16925

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.8	3.6	5.4#

Instrument :
BNA_N
ClientSampleId :
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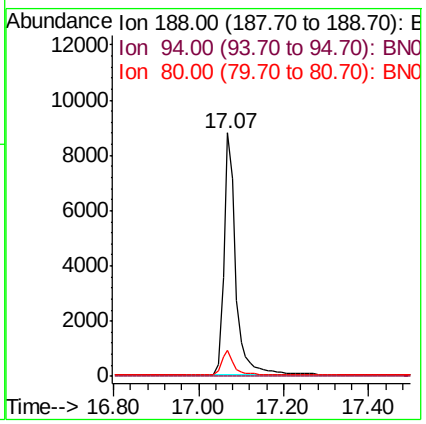
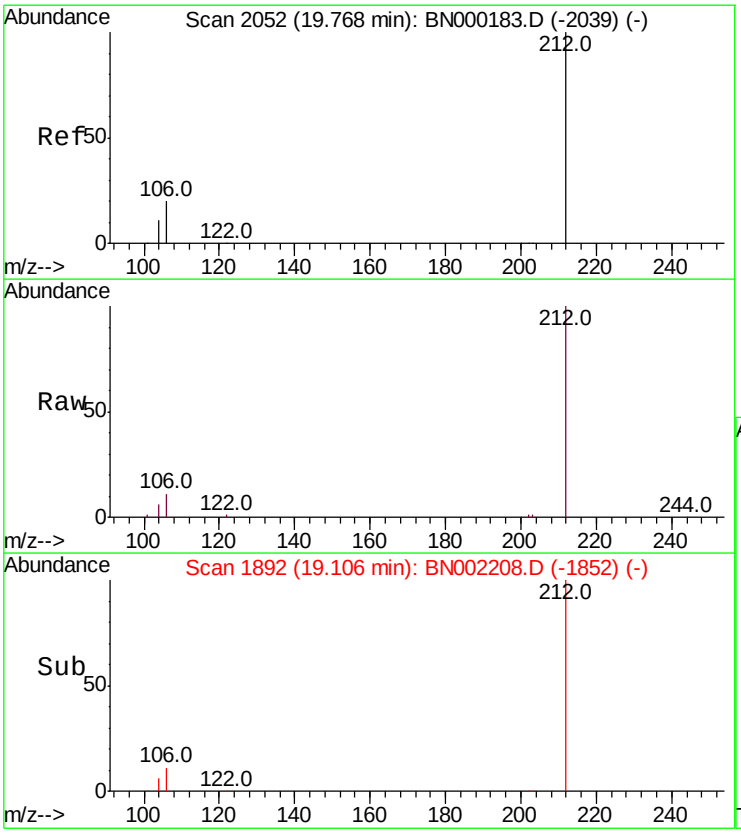
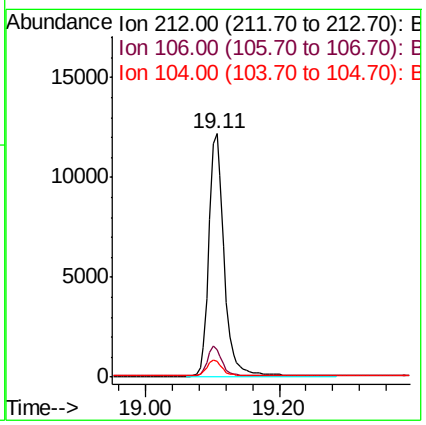


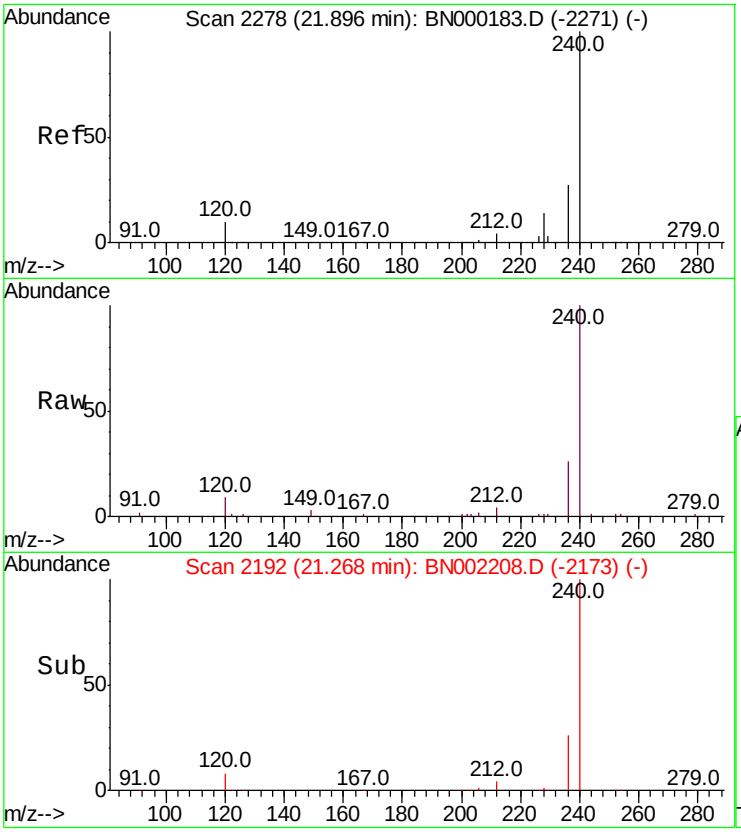


#25
Fluoranthene-d10
Concen: 0.459 ng
RT: 19.11 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN002208.D
Acq: 31 Jul 2018 13:20

Tgt Ion:212 Resp: 19193

Ion	Ratio	Lower	Upper
212	100		
106	11.8	2.8	4.2#
104	6.6	1.6	2.4#





#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BN002208.D
Acq: 31 Jul 2018 13:20

Tgt Ion:240 Resp: 13233

Ion	Ratio	Lower	Upper
240	100		
120	9.1	5.5	8.3#
236	26.2	20.7	31.1

Instrument :
BNA_N
ClientSampleId :
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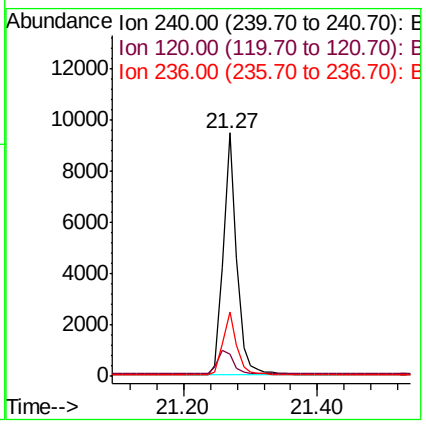
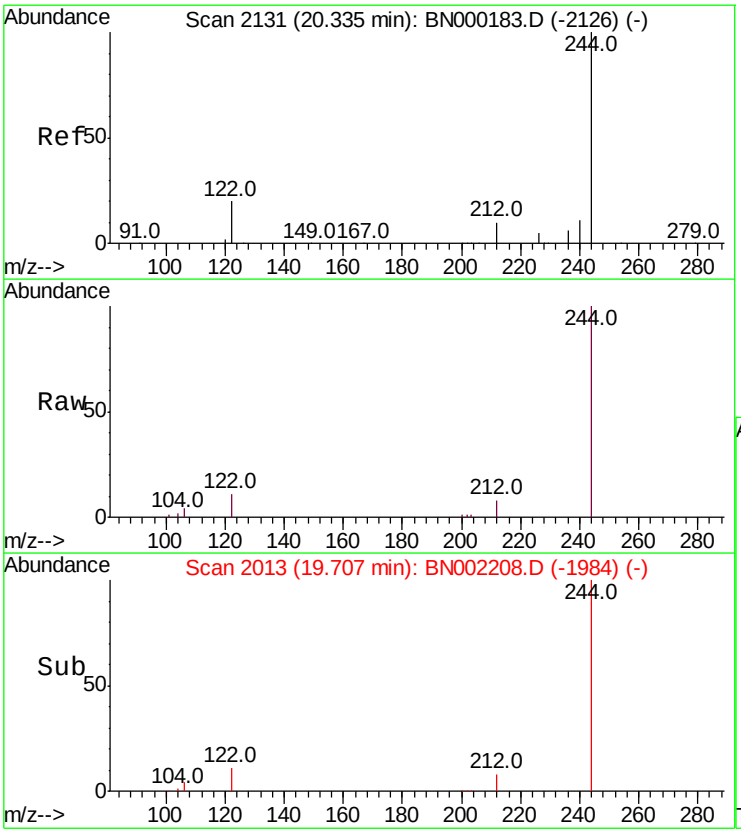
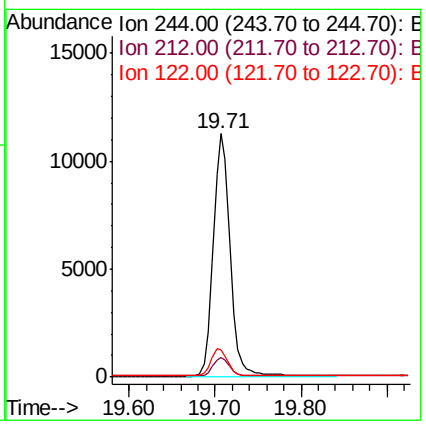


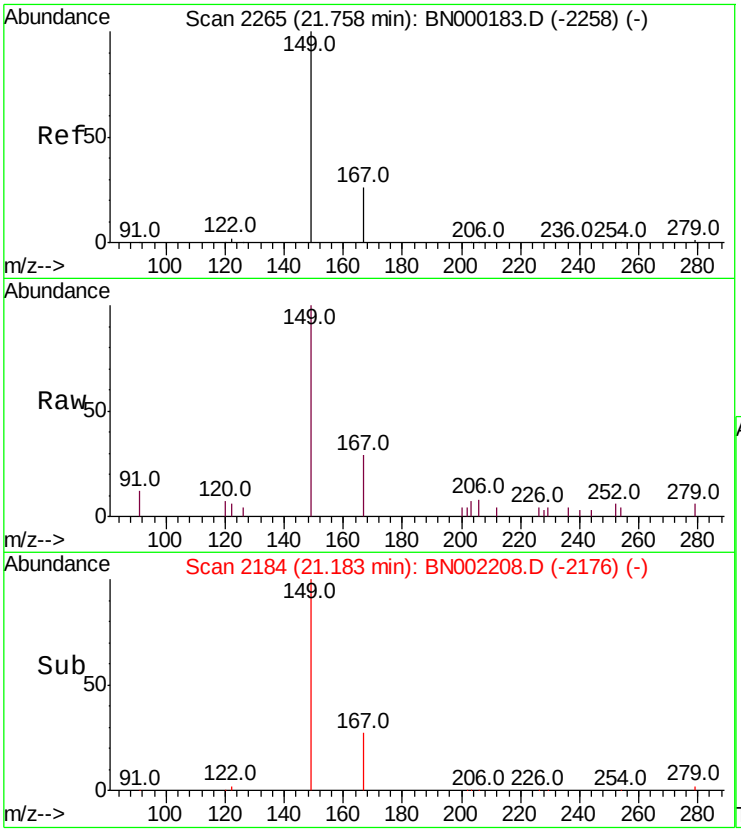


#29
Terphenyl-d14
Concen: 0.539 ng
RT: 19.71 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BN002208.D
Acq: 31 Jul 2018 13:20

Tgt Ion:244 Resp: 15230

Ion	Ratio	Lower	Upper
244	100		
212	8.1	25.4	38.0#
122	11.5	8.1	12.1





#32
Bis(2-ethylhexyl)phthalate
Concen: 0.096 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN002208.D
Acq: 31 Jul 2018 13:20

Tgt Ion:149 Resp: 1467

Ion	Ratio	Lower	Upper
149	100		
167	29.8	20.0	30.0
279	5.0	1.6	2.4#

Instrument :
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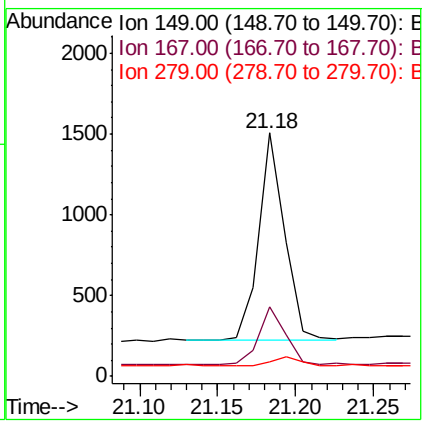

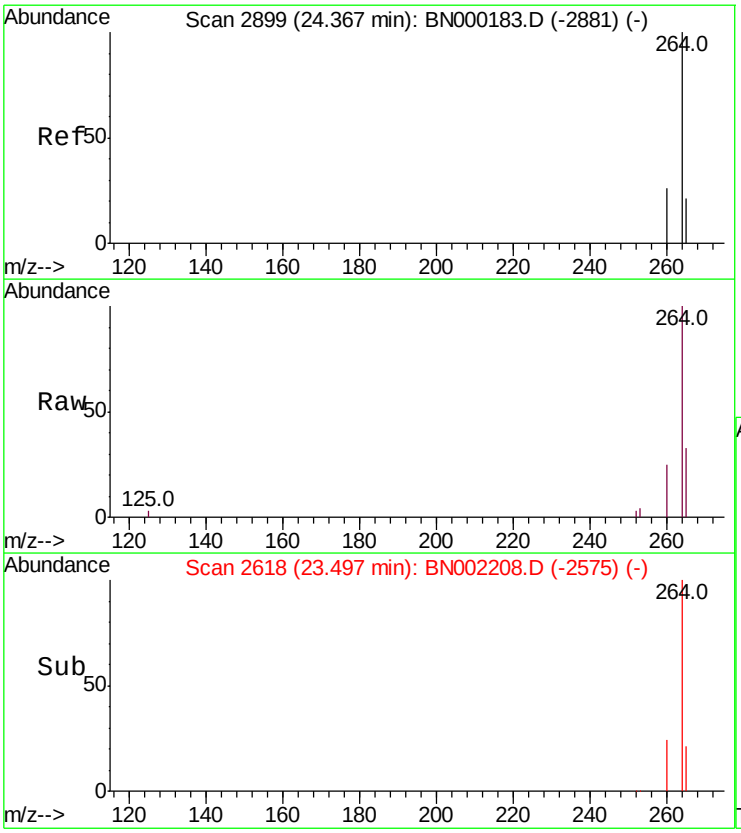

#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2618
Delta R.T. -0.00 min
Lab File: BN002208.D
Acq: 31 Jul 2018 13:20

Tgt Ion:264 Resp: 11473

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.5	30.7
265	32.8	22.8	34.2