Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031119\
Data File : BE098864.D
Acq On : 11 Mar 2019 15:29
Operator : JU/SJ
Sample : K1793-04DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DUP01-20190305DL

Manual Integrations APPROVED
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Quant Time: Mar 12 08:11:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 15:33:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	636	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3062	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	2271	0.40	ng	0.01
19) Phenanthrene-d10	17.21	188	5934	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6463	0.40	ng	0.00
34) Perylene-d12	23.90	264	6497	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.43	112	44	0.02	ng	0.05
5) Phenol-d6	7.11	99	52m	0.02	ng	0.13
8) Nitrobenzene-d5	8.96	82	16	0.00	ng	0.00
11) 2-Methylnaphthalene-d10	12.24	152	454	0.08	ng	0.04
14) 2,4,6-Tribromophenol	16.00	330	63	0.05	ng	0.03
15) 2-Fluorobiphenyl	13.12	172	851	0.09	ng	0.03
25) Fluoranthene-d10	19.25	212	7371	0.08	ng	0.00
29) Terphenyl-d14	19.85	244	1717	0.11	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	2372	2.318	ng	96

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

Quantitation Report (QT Reviewed)

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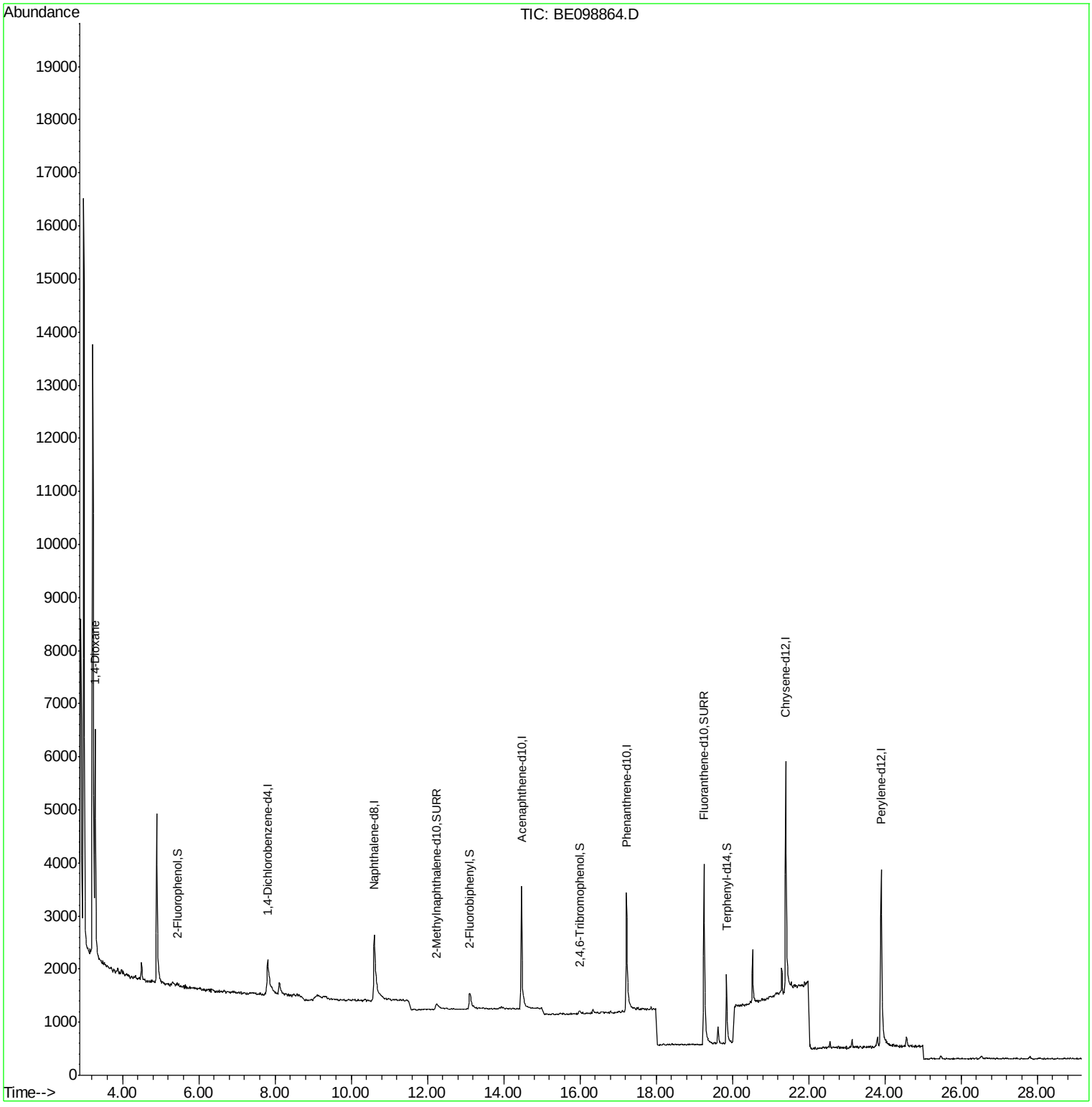
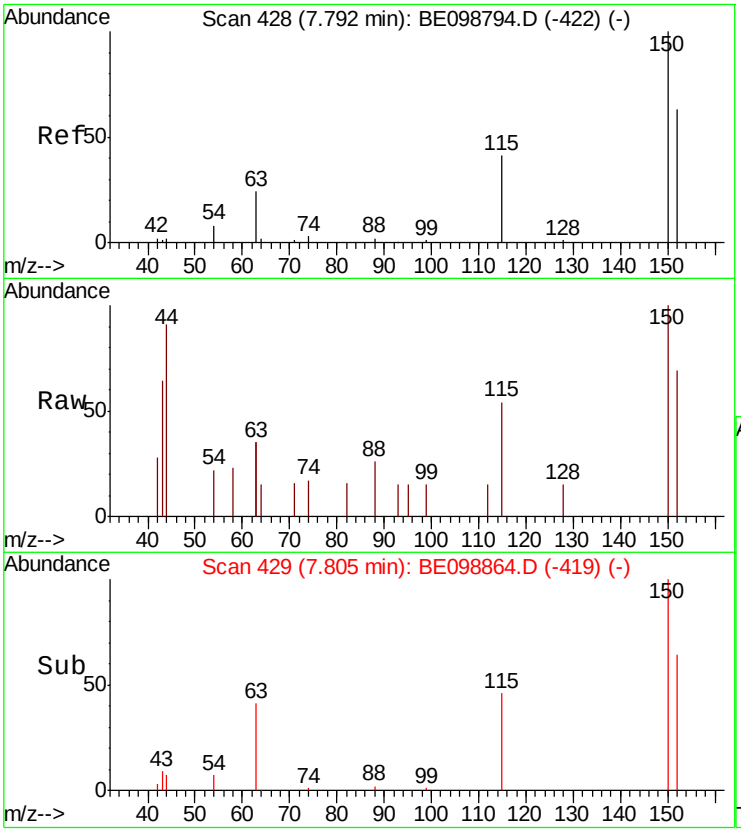
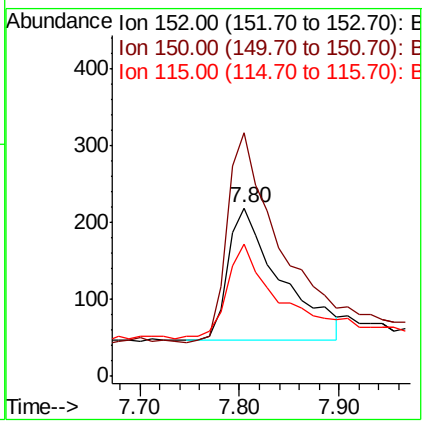




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098864.D
Acq: 11 Mar 2019 15:29

Tgt Ion:152 Resp: 636

Ion	Ratio	Lower	Upper
152	100		
150	144.7	122.5	183.7
115	78.5	57.4	86.2



Instrument :
BNA_E
ClientSampleId :
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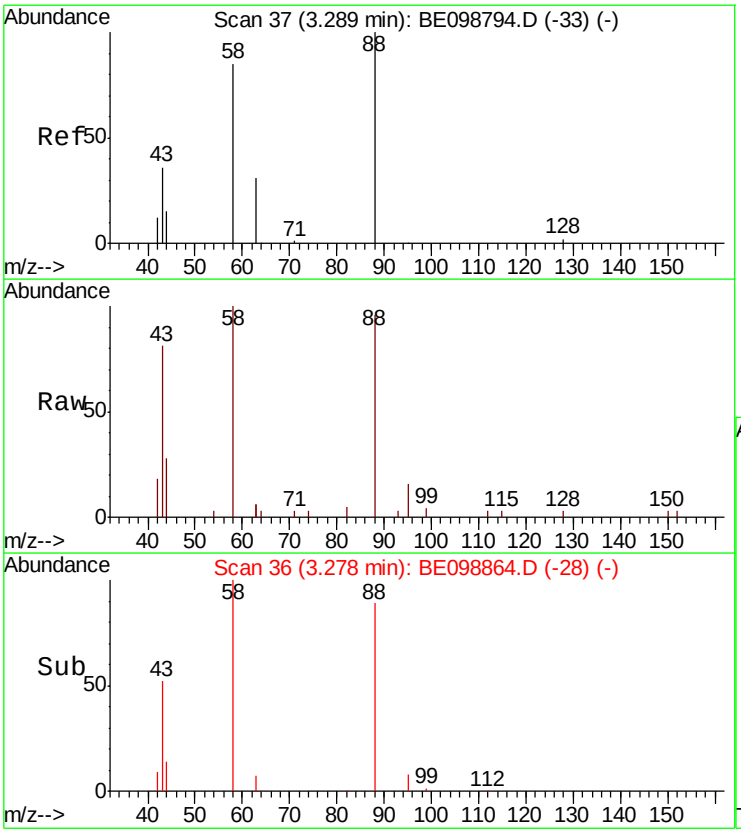
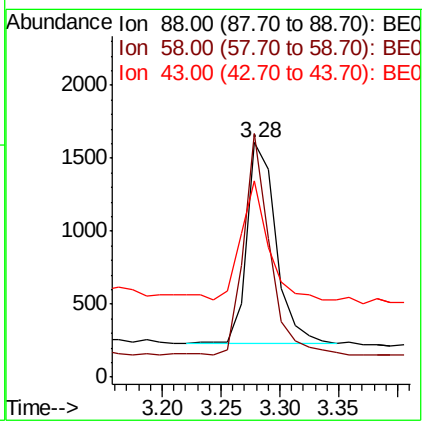
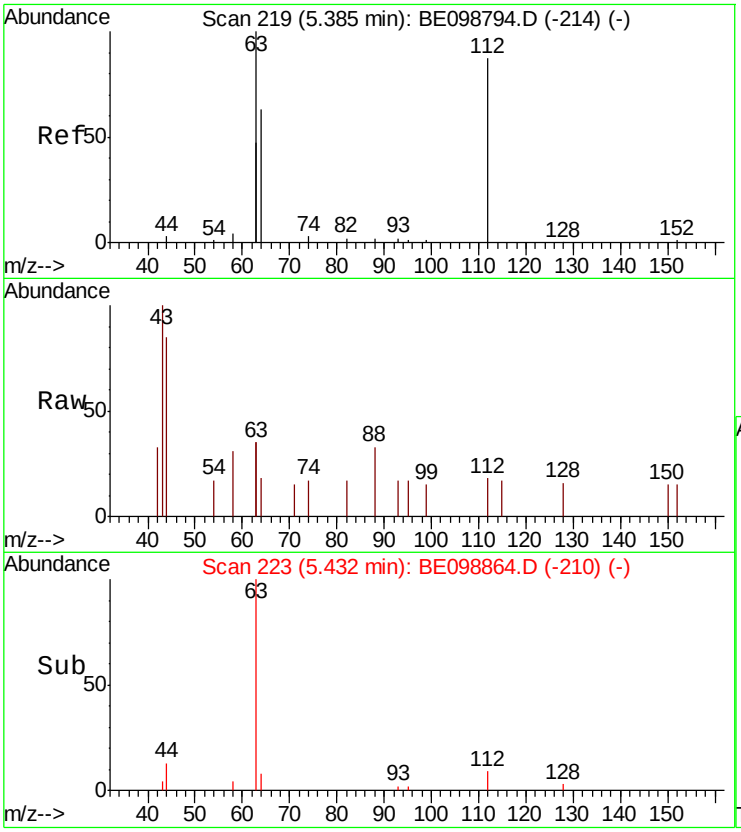


#2
1,4-Dioxane
Concen: 2.318 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098864.D
Acq: 11 Mar 2019 15:29

Tgt Ion: 88 Resp: 2372

Ion	Ratio	Lower	Upper
88	100		
58	99.1	75.8	113.6
43	55.1	41.8	62.8





#4
2-Fluorophenol
Concen: 0.023 ng
RT: 5.43 min Scan# 223
Delta R.T. 0.05 min
Lab File: BE098864.D
Acq: 11 Mar 2019 15:29

Tgt Ion:112 Resp: 44

Ion	Ratio	Lower	Upper
112	100		
64	120.5	57.9	86.9#
63	0.0	158.3	237.5#

Instrument :
BNA_E
ClientSampleId :
DUP01-20190305DL

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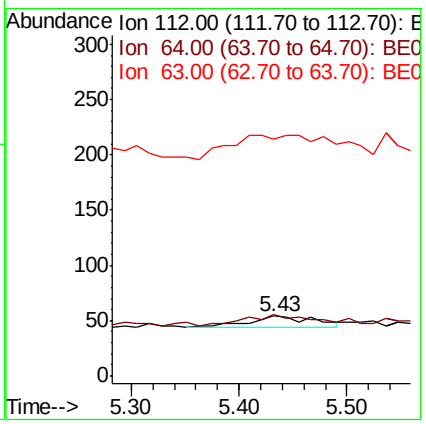
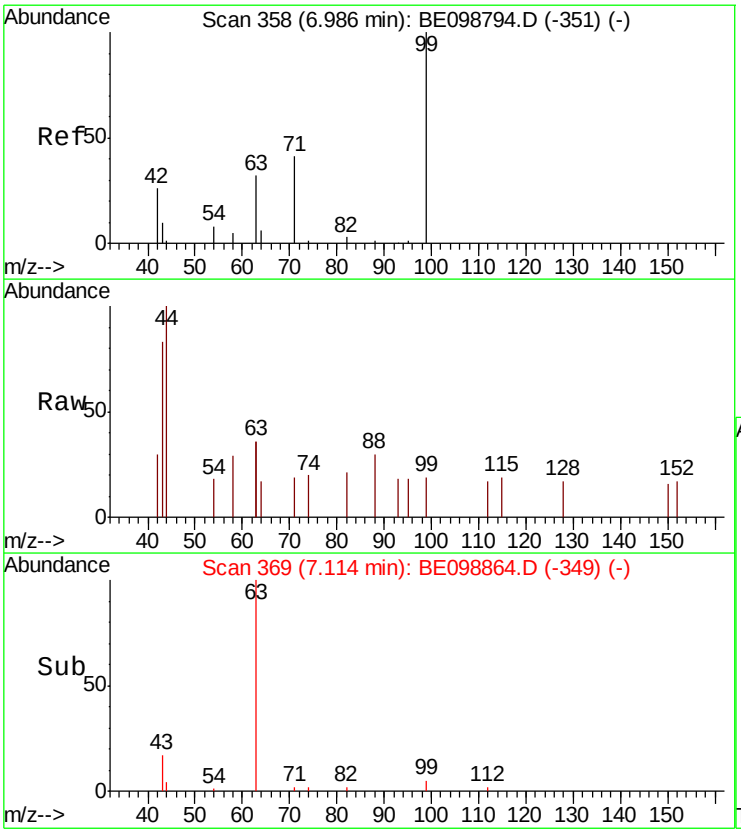
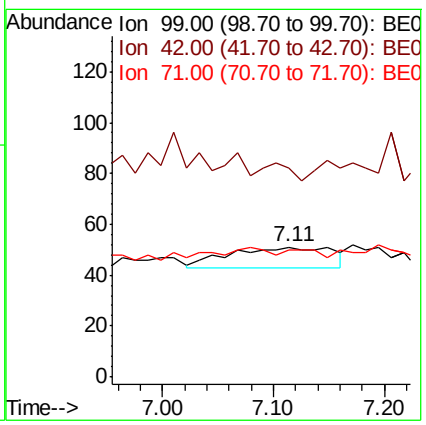


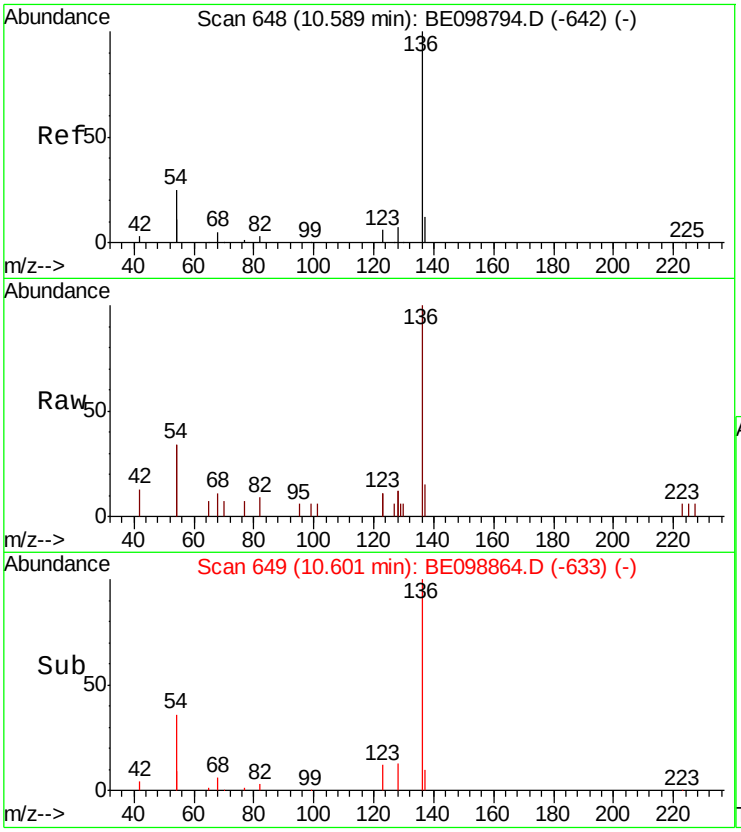


#5
Phenol-d6
Concen: 0.019 ng m
RT: 7.11 min Scan# 369
Delta R.T. 0.13 min
Lab File: BE098864.D
Acq: 11 Mar 2019 15:29

Tgt Ion: 99 Resp: 52

Ion	Ratio	Lower	Upper
99	100		
42	0.0	24.2	36.2#
71	0.0	35.7	53.5#

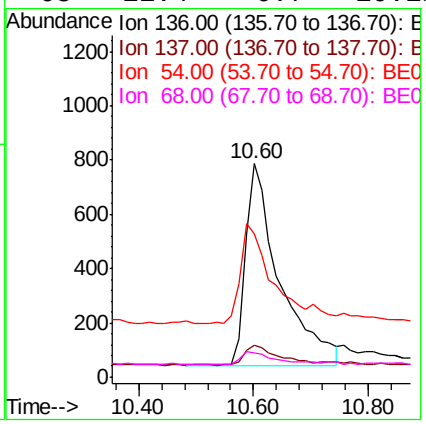




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.01 min
Lab File: BE098864.D
Acq: 11 Mar 2019 15:29

Tgt Ion:136 Resp: 3062

Ion	Ratio	Lower	Upper
136	100		
137	15.2	11.4	17.0
54	67.1	39.3	58.9#
68	11.4	6.7	10.1#



Instrument :
BNA_E
ClientSampleId :
DUP01-20190305DL

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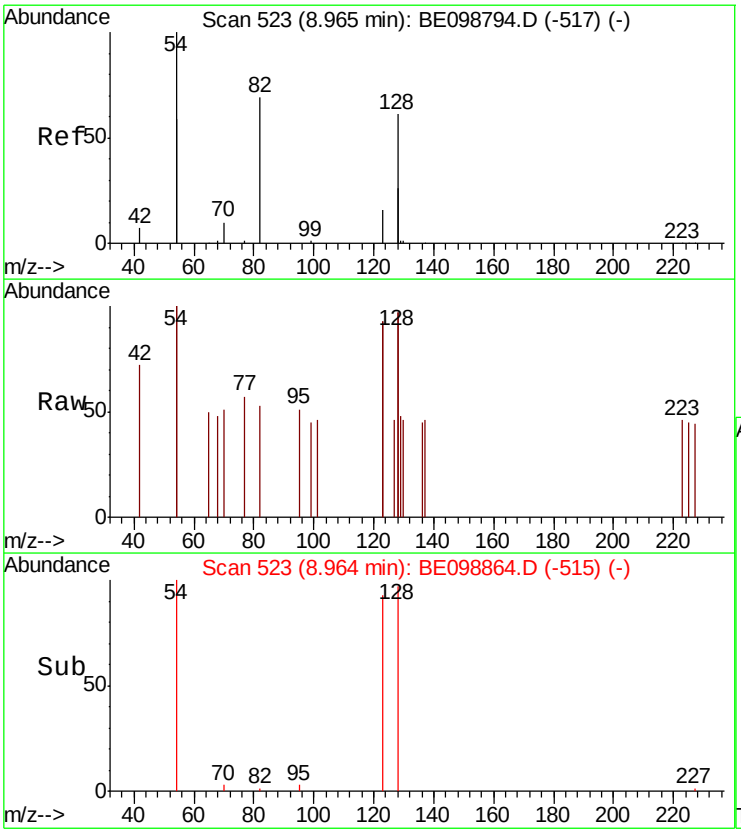
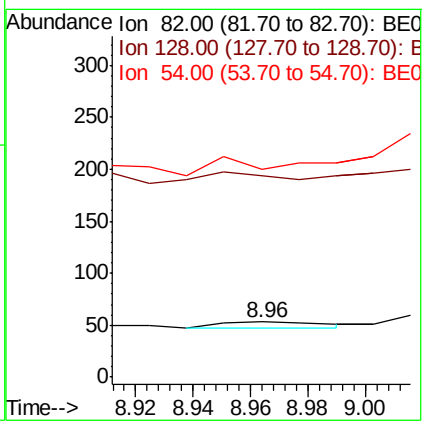
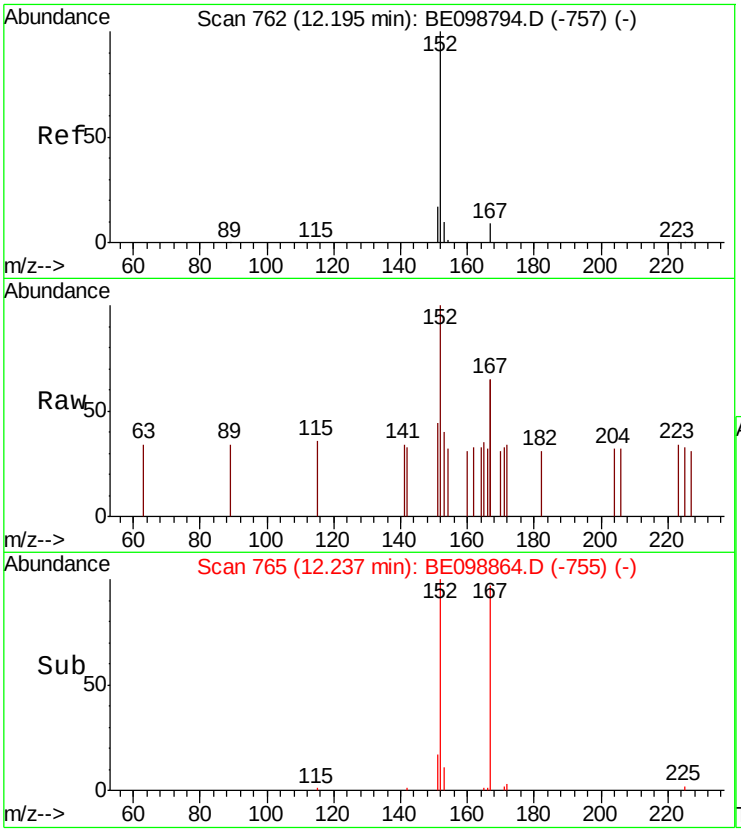


#8
Nitrobenzene-d5
Concen: 0.005 ng
RT: 8.96 min Scan# 523
Delta R.T. -0.00 min
Lab File: BE098864.D
Acq: 11 Mar 2019 15:29

Tgt Ion: 82 Resp: 16

Ion	Ratio	Lower	Upper
82	100		
128	366.0	123.8	185.8#
54	377.4	203.4	305.2#

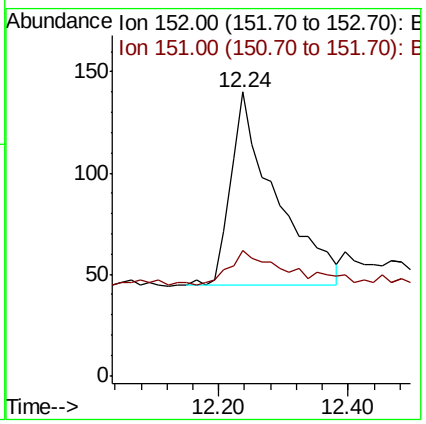




#11
2-Methylnaphthalene-d10
Concen: 0.080 ng
RT: 12.24 min Scan# 765
Delta R.T. 0.04 min
Lab File: BE098864.D
Acq: 11 Mar 2019 15:29

Tgt Ion:152 Resp: 454

Ion	Ratio	Lower	Upper
152	100		
151	22.9	16.5	24.7



Instrument :
BNA_E
ClientSampleId :
DUP01-20190305DL

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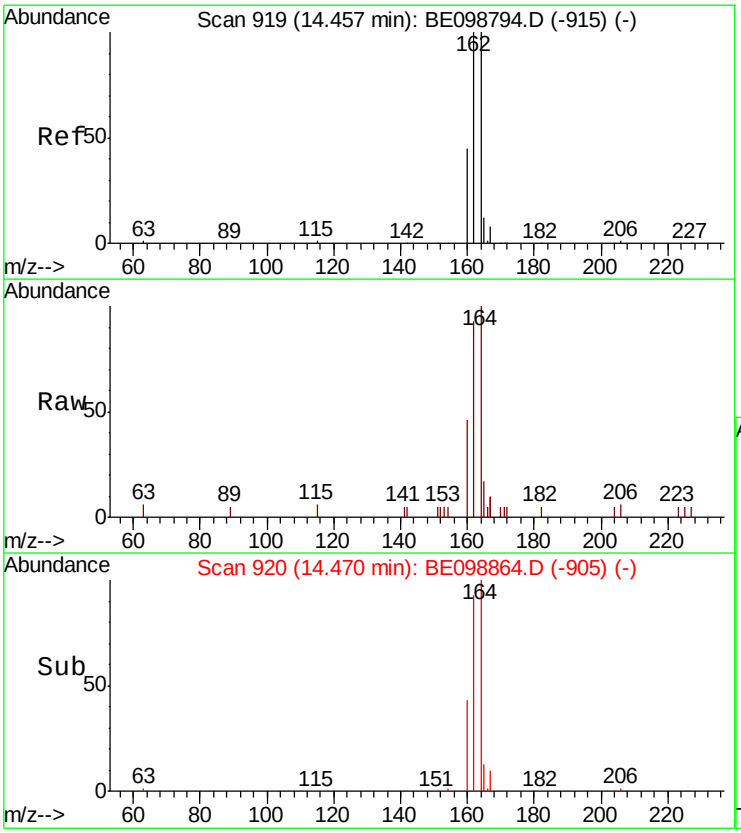
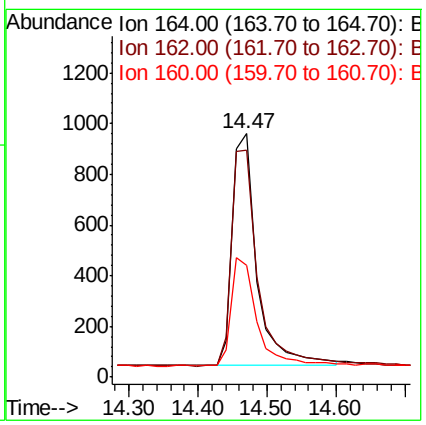
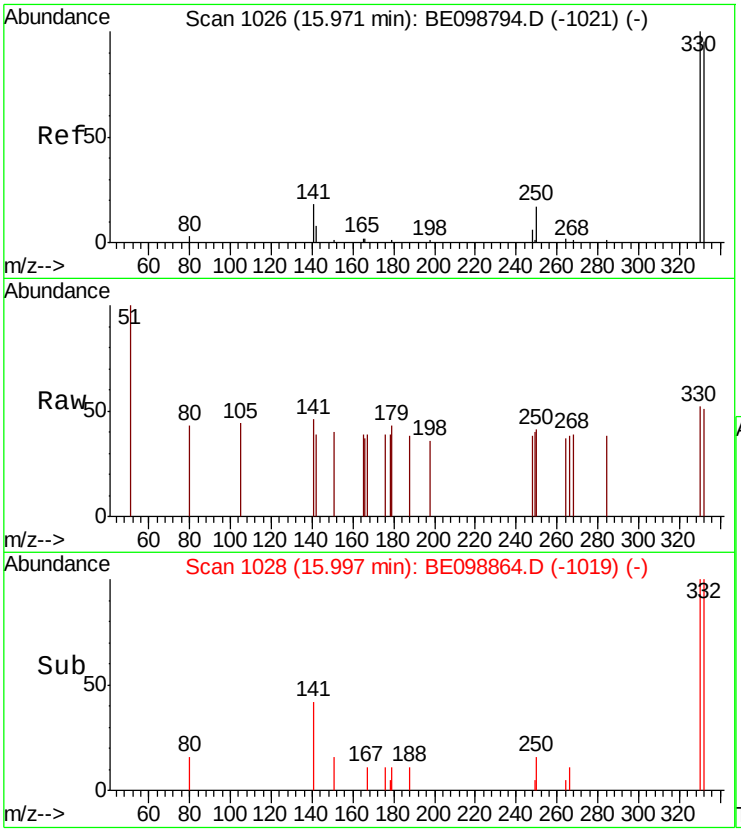


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE098864.D
Acq: 11 Mar 2019 15:29

Tgt Ion:164 Resp: 2271

Ion	Ratio	Lower	Upper
164	100		
162	93.0	80.2	120.2
160	46.0	37.8	56.8





#14
2,4,6-Tribromophenol
Concen: 0.055 ng
RT: 16.00 min Scan# 1028
Delta R.T. 0.03 min
Lab File: BE098864.D
Acq: 11 Mar 2019 15:29

Tgt Ion:330 Resp: 63

Ion	Ratio	Lower	Upper
330	100		
332	120.6	77.6	116.4#
141	0.0	31.0	46.4#

Instrument :
BNA_E
ClientSampleId :
DUP01-20190305DL

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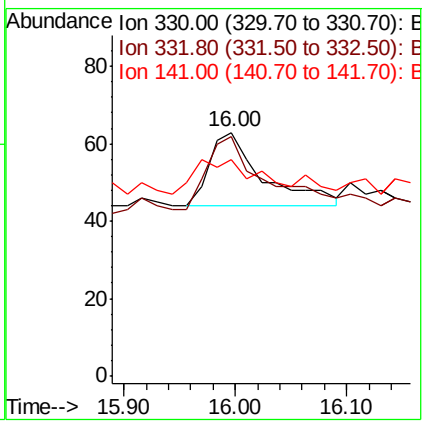
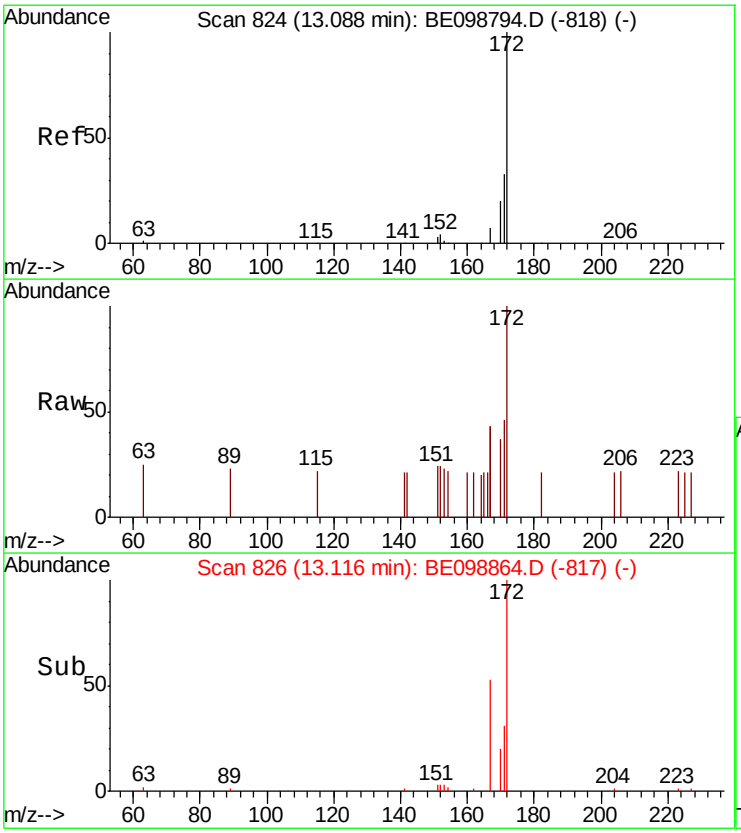
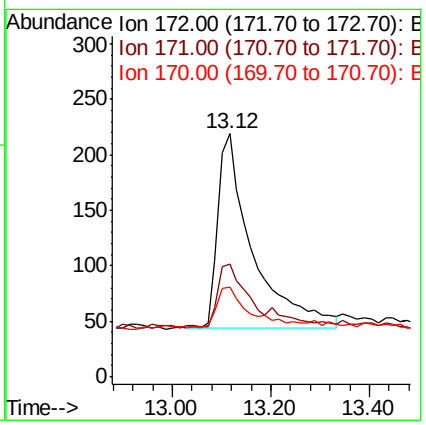


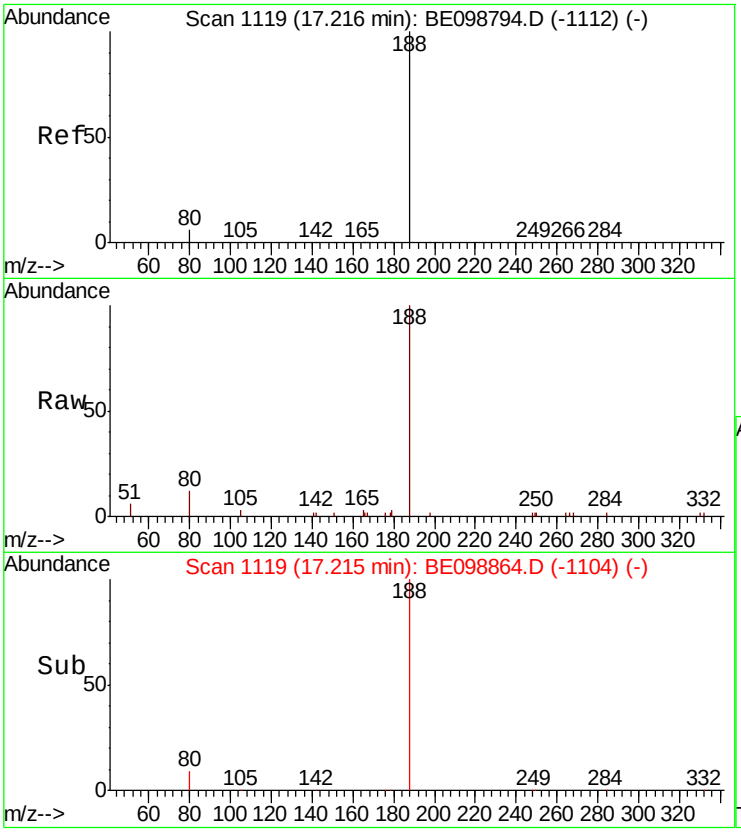


#15
2-Fluorobiphenyl
Concen: 0.091 ng
RT: 13.12 min Scan# 826
Delta R.T. 0.03 min
Lab File: BE098864.D
Acq: 11 Mar 2019 15:29

Tgt Ion:172 Resp: 851

Ion	Ratio	Lower	Upper
172	100		
171	46.1	28.0	42.0#
170	37.0	17.7	26.5#





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098864.D
Acq: 11 Mar 2019 15:29

Tgt Ion:188 Resp: 5934

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	6.3	9.5#

Instrument :
BNA_E
ClientSampleId :
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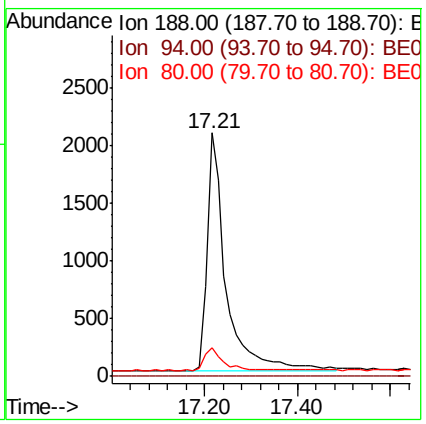
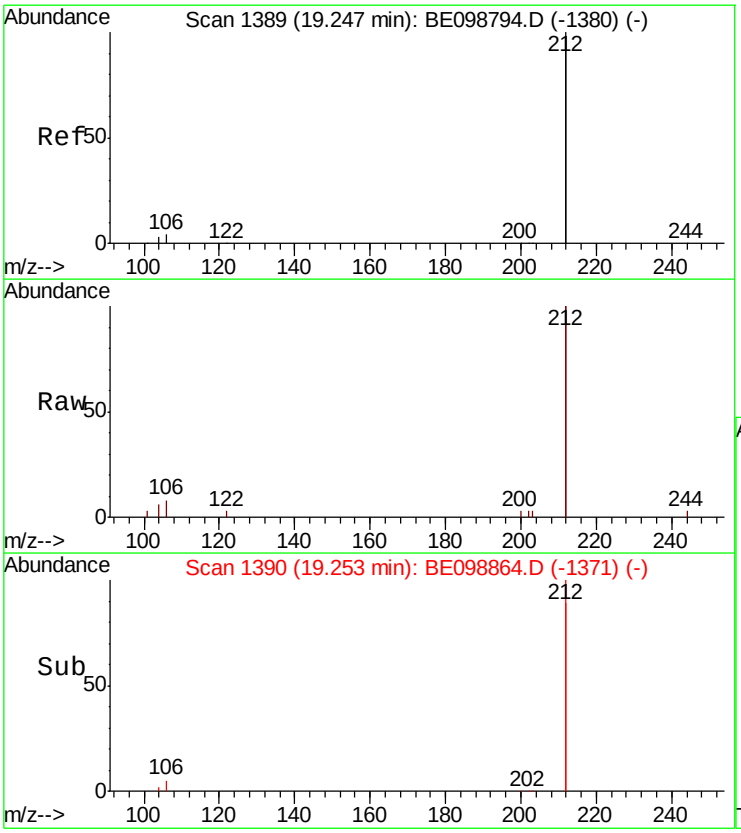
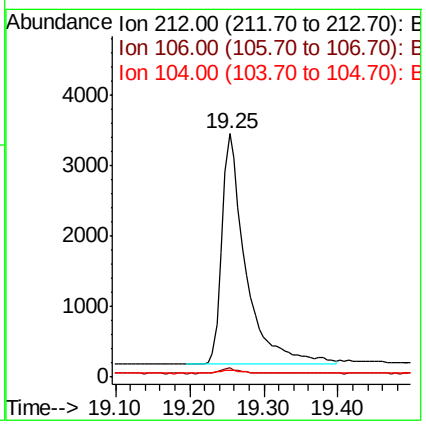


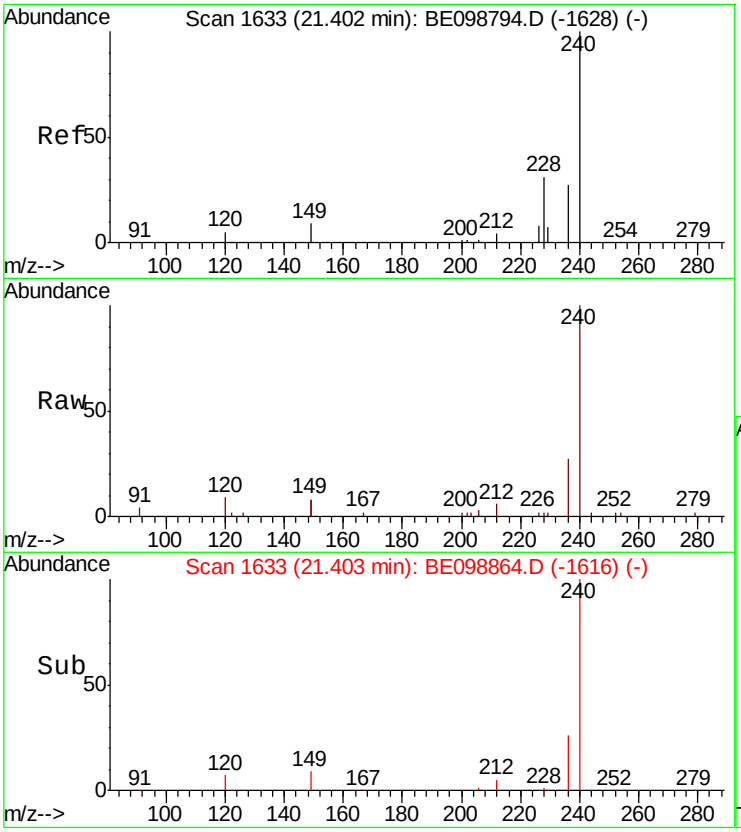


#25
Fluoranthene-d10
Concen: 0.078 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BE098864.D
Acq: 11 Mar 2019 15:29

Tgt Ion:212 Resp: 7371

Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.6	1.0	1.6#





#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE098864.D
Acq: 11 Mar 2019 15:29

Tgt Ion:240 Resp: 6463

Ion	Ratio	Lower	Upper
240	100		
120	9.0	5.0	7.4#
236	27.3	22.7	34.1

Instrument :
BNA_E
ClientSampleId :
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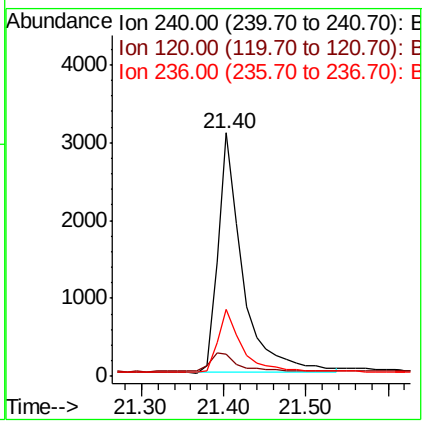
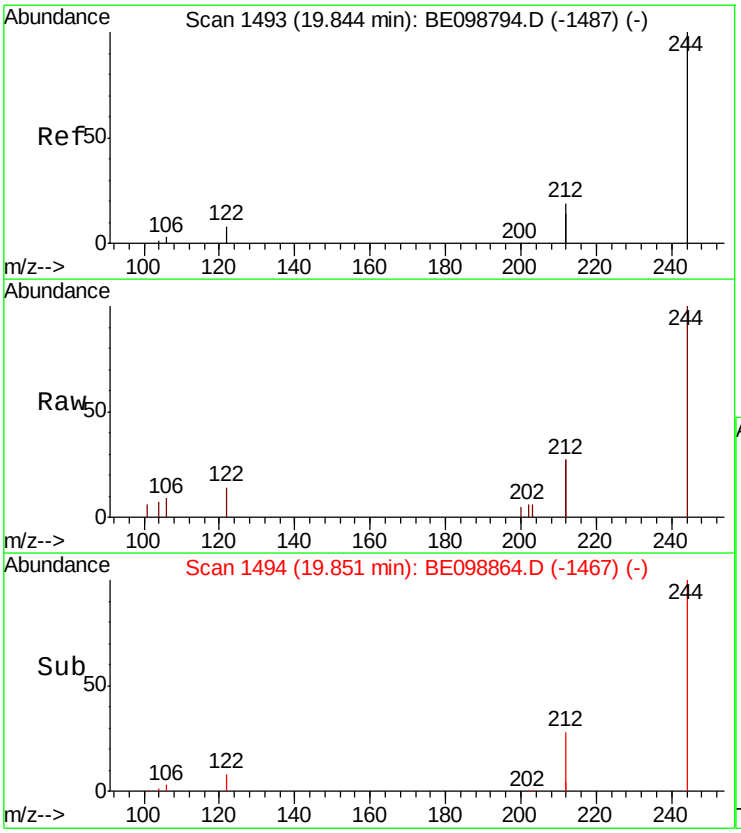
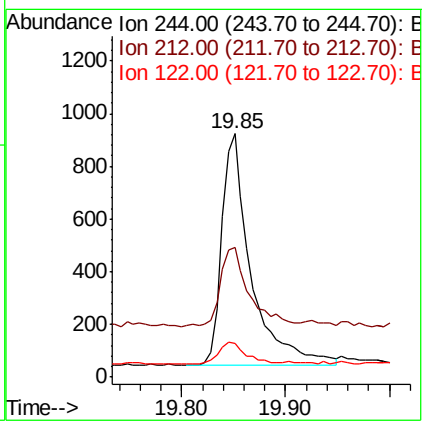


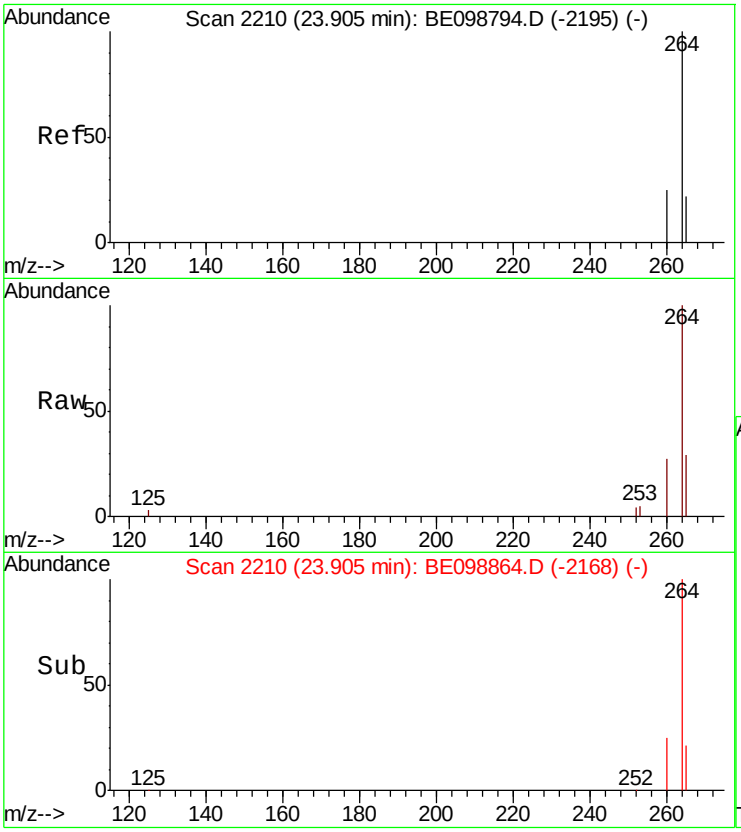


#29
Terphenyl-d14
Concen: 0.109 ng
RT: 19.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BE098864.D
Acq: 11 Mar 2019 15:29

Tgt Ion:244 Resp: 1717

Ion	Ratio	Lower	Upper
244	100		
212	53.5	29.4	44.2#
122	13.6	7.1	10.7#

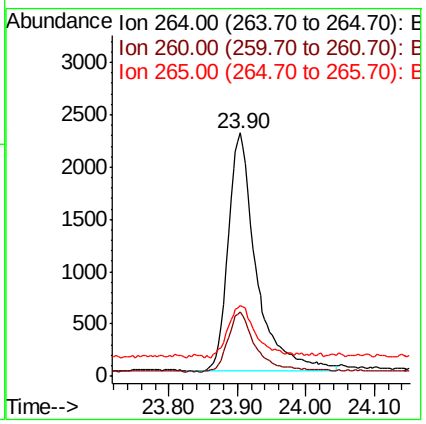




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BE098864.D
Acq: 11 Mar 2019 15:29

Tgt Ion:264 Resp: 6497

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.2	31.8
265	29.3	24.6	36.8



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