Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031119\
Data File : BE098878.D
Acq On : 12 Mar 2019 2:17
Operator : JU/SJ
Sample : K1839-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DUP03-20190308

Manual Integrations APPROVED
Sohil
3/12/2019 4:33:56 PM

Quant Time: Mar 12 07:48:53 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	7.79	152	654	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2794	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2023	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5280	0.40	ng	0.00
27) Chrysene-d12	21.39	240	6444	0.40	ng	-0.01
34) Perylene-d12	23.90	264	6190	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	340	0.17	ng	0.02
5) Phenol-d6	7.02	99	212m	0.08	ng	0.03
8) Nitrobenzene-d5	9.00	82	1058	0.36	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	2173	0.42	ng	0.02
14) 2,4,6-Tribromophenol	15.97	330	387	0.38	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3499	0.42	ng	0.00
25) Fluoranthene-d10	19.24	212	32675	0.39	ng	0.00
29) Terphenyl-d14	19.84	244	9350	0.60	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	5697	5.554	ng	96
32) Bis(2-ethylhexyl)phthalate	21.29	149	1324	0.031	ng	97

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

Quantitation Report (QT Reviewed)

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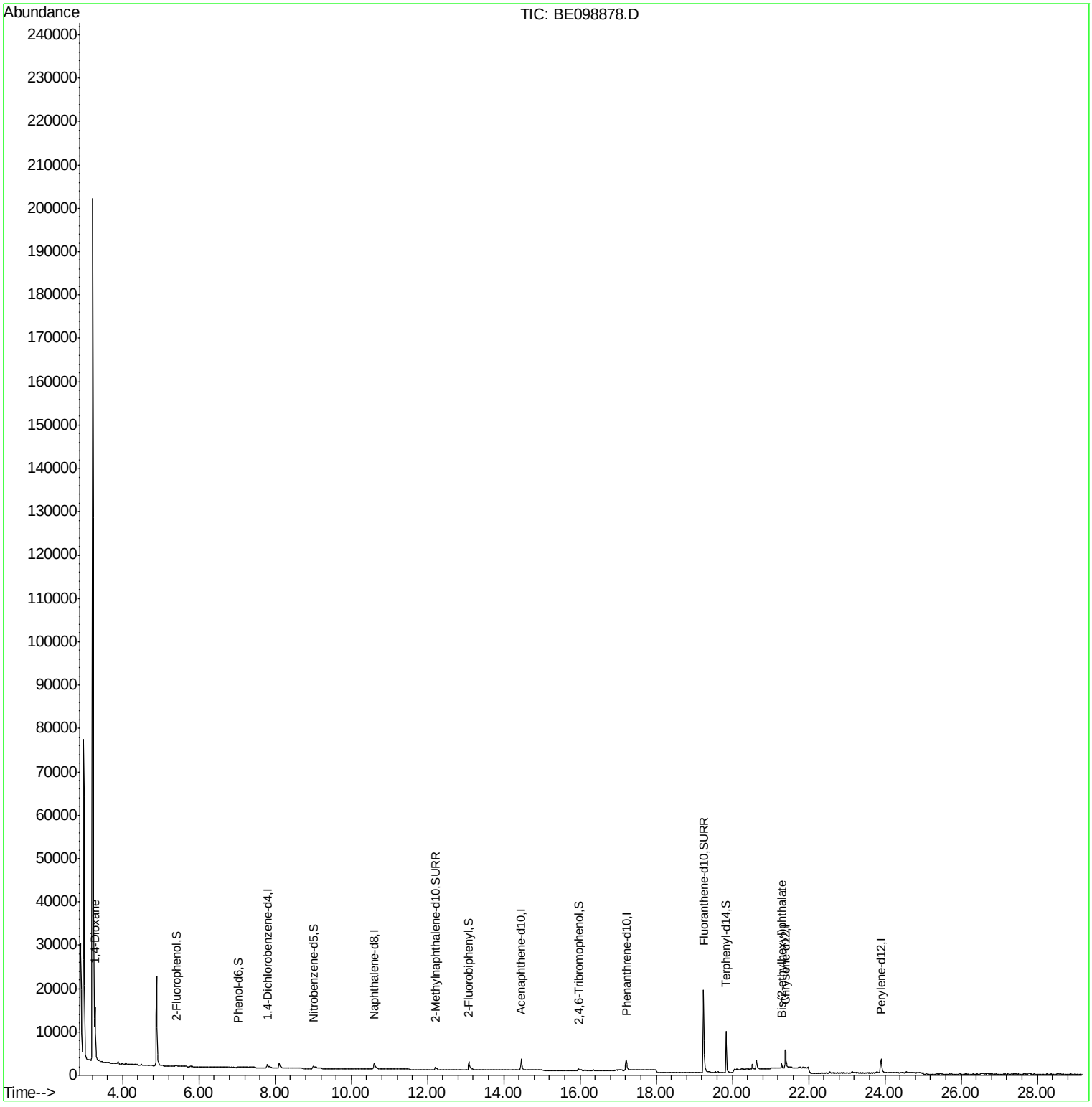
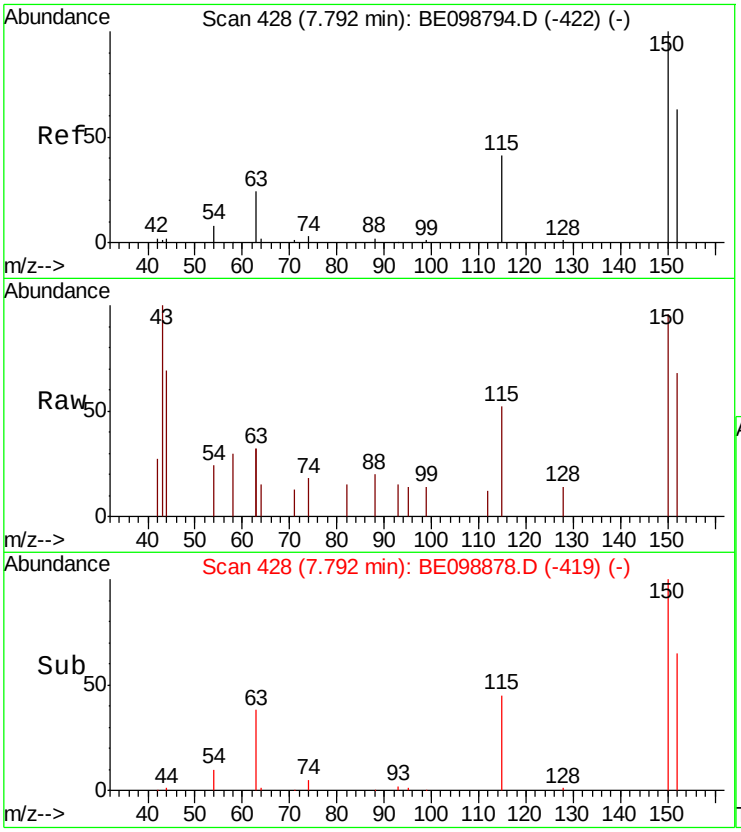
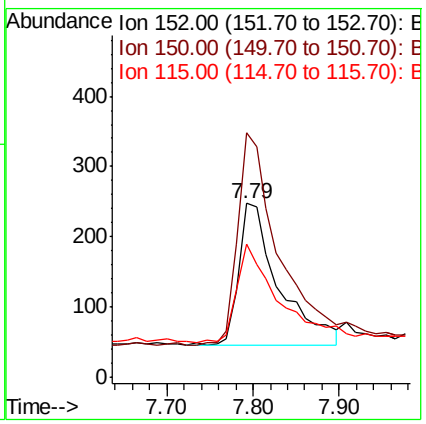




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098878.D
Acq: 12 Mar 2019 2:17

Tgt Ion:152 Resp: 654

Ion	Ratio	Lower	Upper
152	100		
150	140.9	122.5	183.7
115	76.5	57.4	86.2



Instrument :
BNA_E
ClientSampleId :
DUP03-20190308

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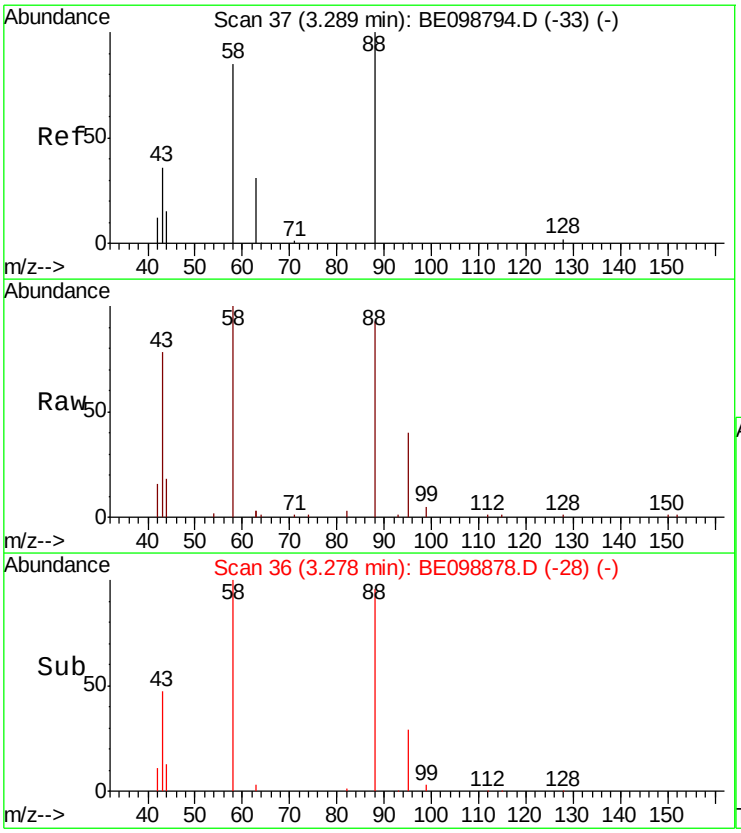
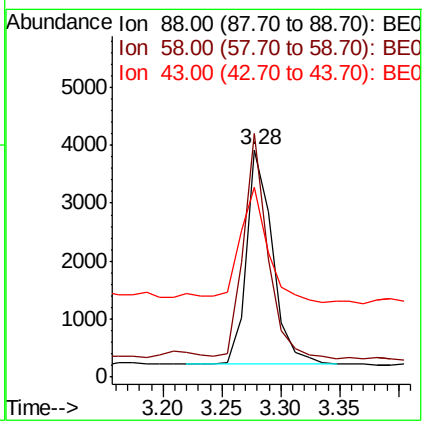
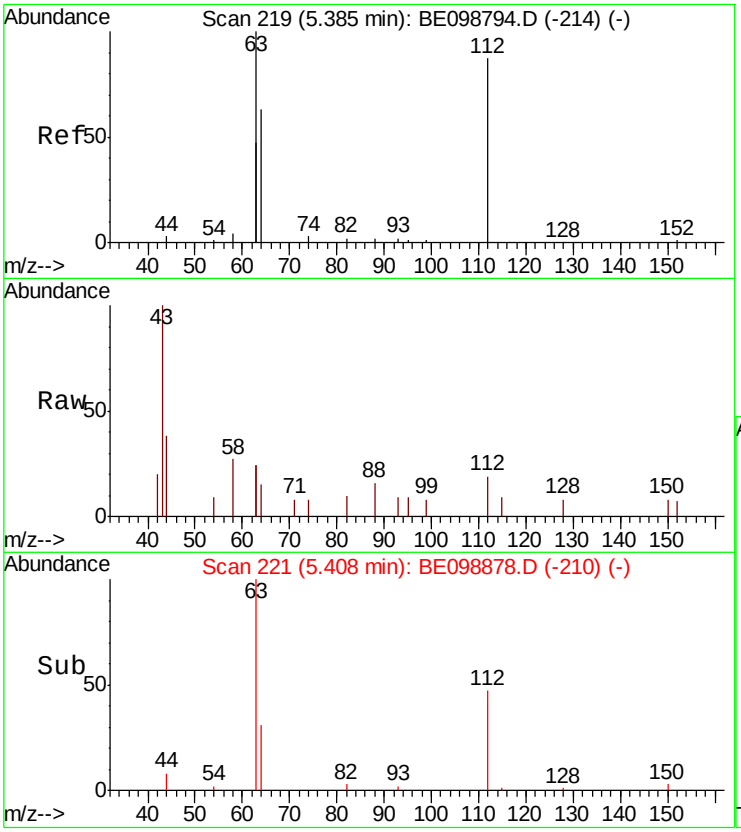


#2
1,4-Dioxane
Concen: 5.554 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098878.D
Acq: 12 Mar 2019 2:17

Tgt Ion: 88 Resp: 5697

Ion	Ratio	Lower	Upper
88	100		
58	98.1	75.8	113.6
43	56.7	41.8	62.8

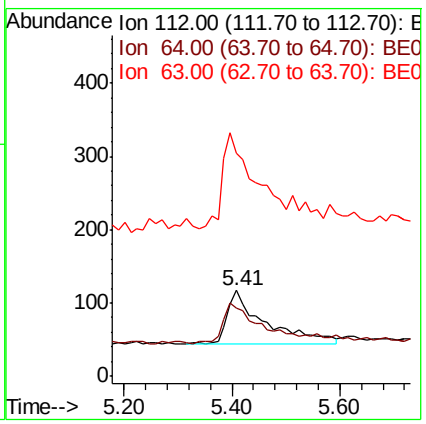




#4
2-Fluorophenol
Concen: 0.174 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.02 min
Lab File: BE098878.D
Acq: 12 Mar 2019 2:17

Tgt Ion:112 Resp: 340

Ion	Ratio	Lower	Upper
112	100		
64	75.6	57.9	86.9
63	164.1	158.3	237.5



Instrument :
BNA_E
ClientSampleId :
DUP03-20190308

Manual Integrations APPROVED
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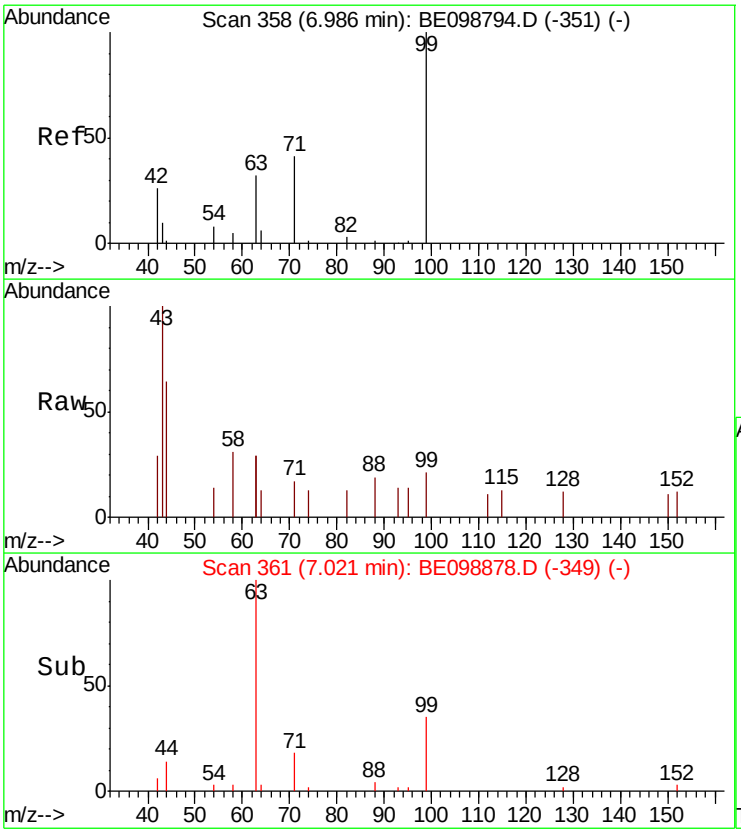
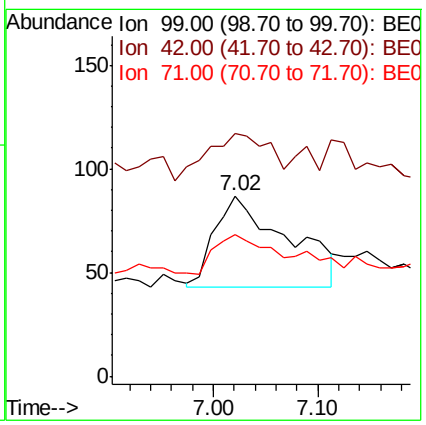
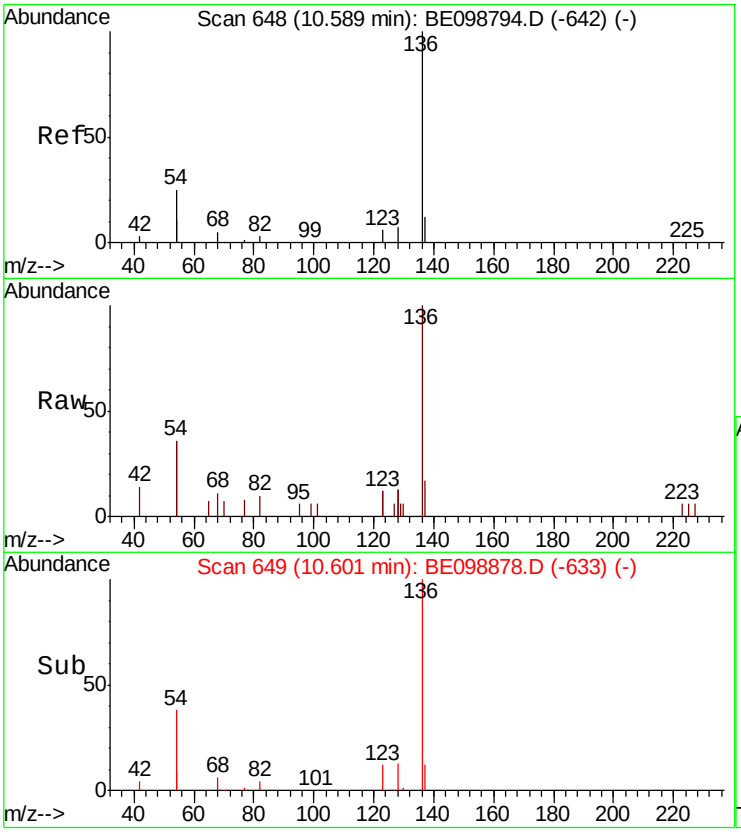


#5
Phenol-d6
Concen: 0.077 ng m
RT: 7.02 min Scan# 361
Delta R.T. 0.03 min
Lab File: BE098878.D
Acq: 12 Mar 2019 2:17

Tgt Ion: 99 Resp: 212

Ion	Ratio	Lower	Upper
99	100		
42	9.9	24.2	36.2#
71	0.0	35.7	53.5#

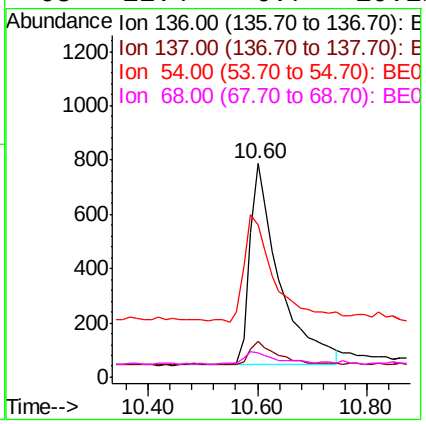




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. 0.01 min
Lab File: BE098878.D
Acq: 12 Mar 2019 2:17

Tgt Ion:136 Resp: 2794

Ion	Ratio	Lower	Upper
136	100		
137	16.9	11.4	17.0
54	71.4	39.3	58.9#
68	11.4	6.7	10.1#



Instrument :
BNA_E
ClientSampleId :
DUP03-20190308

Manual Integrations APPROVED
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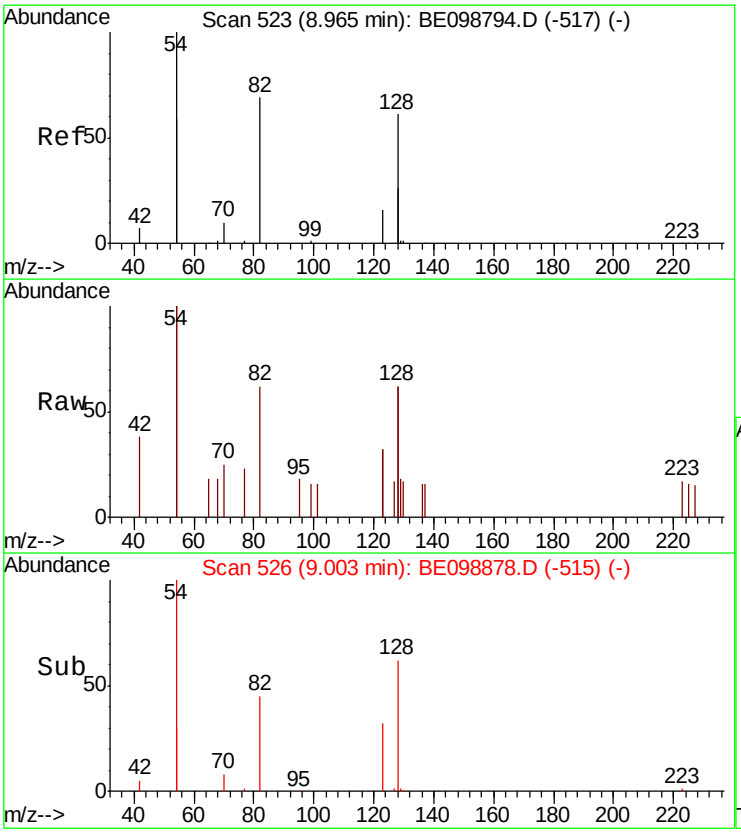
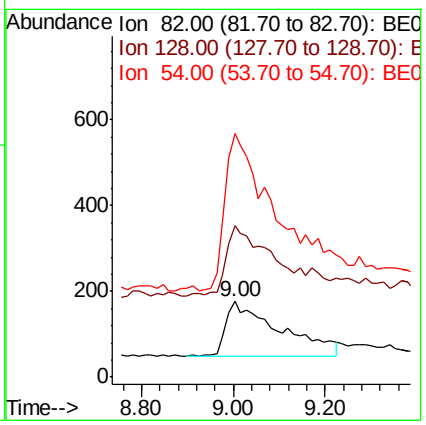
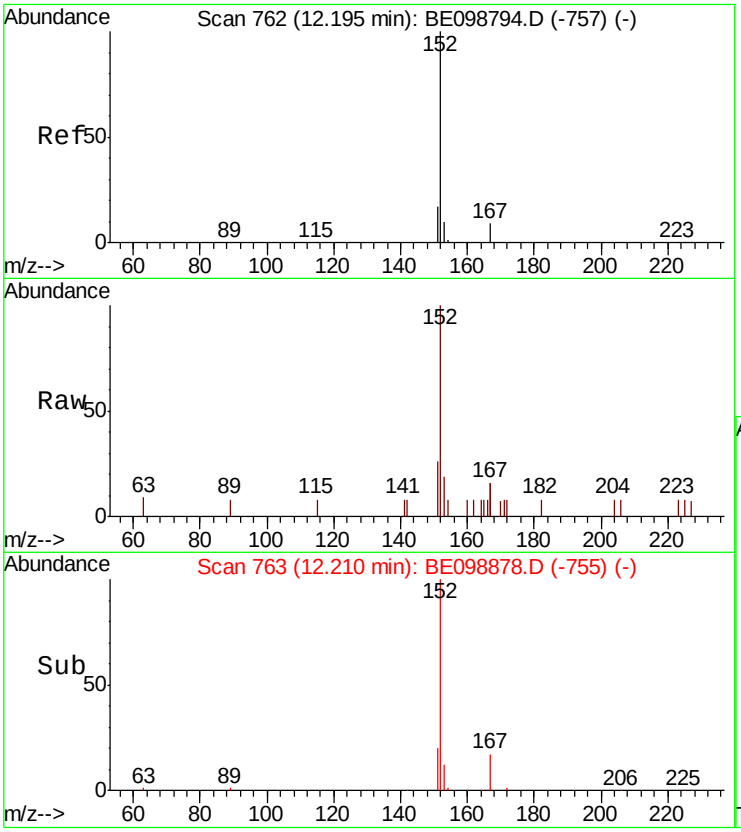


#8
Nitrobenzene-d5
Concen: 0.361 ng
RT: 9.00 min Scan# 526
Delta R.T. 0.04 min
Lab File: BE098878.D
Acq: 12 Mar 2019 2:17

Tgt Ion: 82 Resp: 1058

Ion	Ratio	Lower	Upper
82	100		
128	201.1	123.8	185.8#
54	322.7	203.4	305.2#

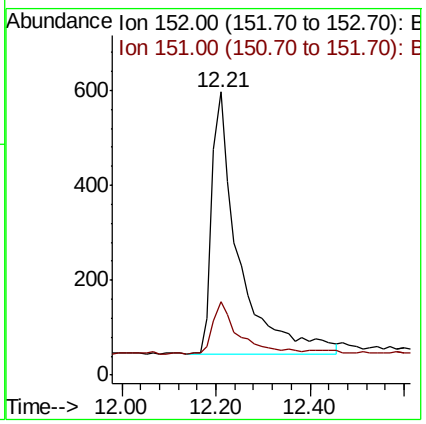




#11
2-Methylnaphthalene-d10
Concen: 0.421 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.02 min
Lab File: BE098878.D
Acq: 12 Mar 2019 2:17

Tgt Ion:152 Resp: 2173

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.5	24.7



Instrument :
BNA_E
ClientSampleId :
DUP03-20190308

Manual Integrations APPROVED
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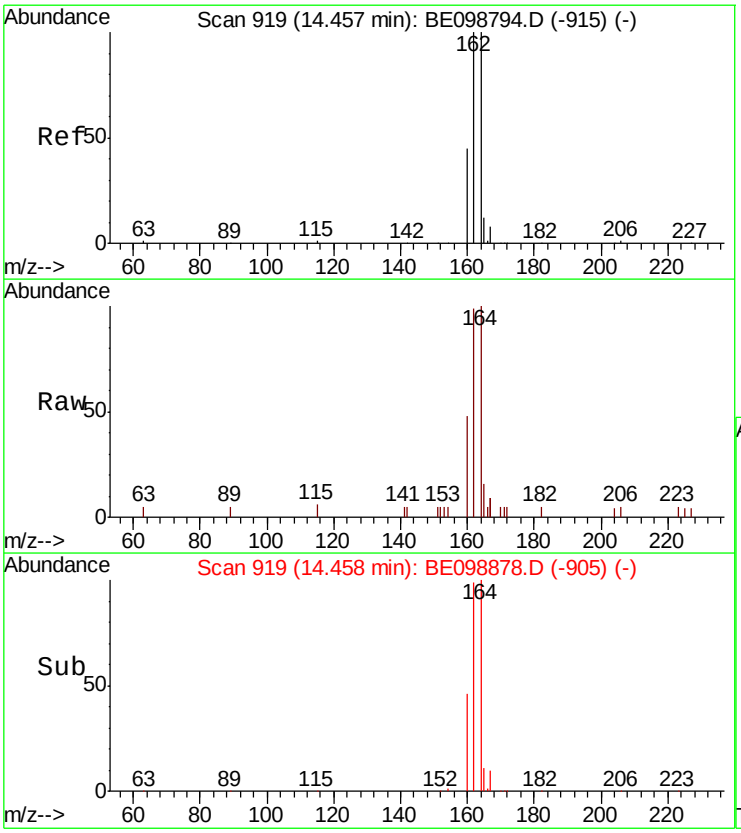
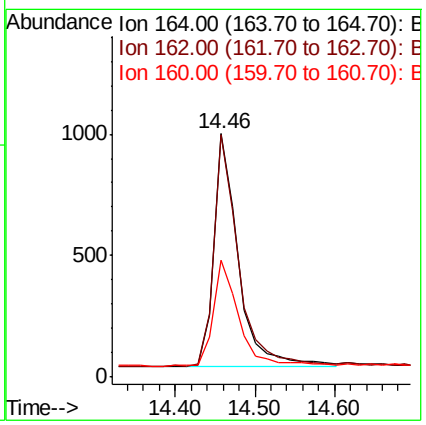
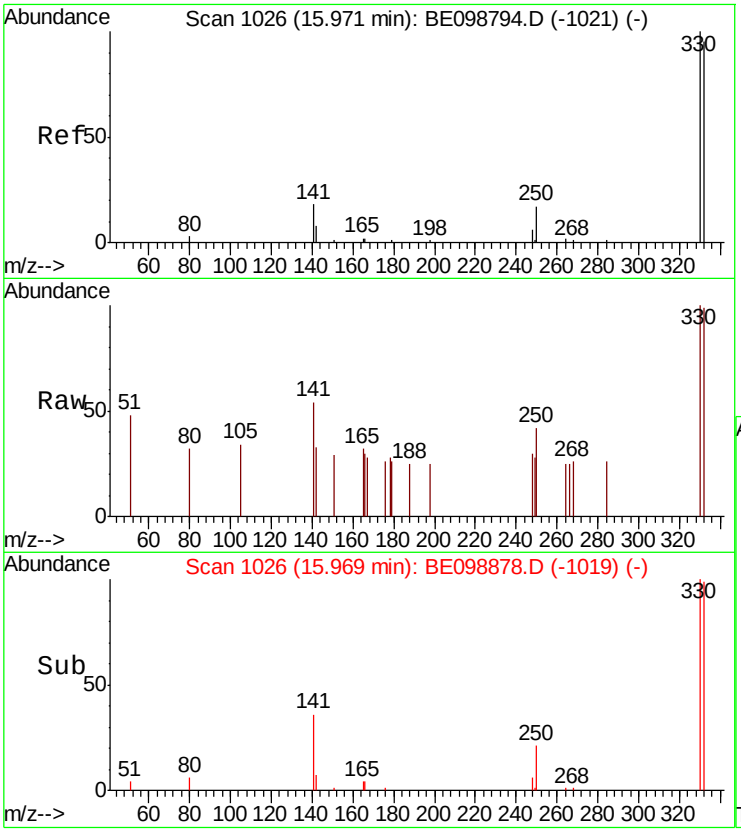


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098878.D
Acq: 12 Mar 2019 2:17

Tgt Ion:164 Resp: 2023

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.2	120.2
160	48.1	37.8	56.8

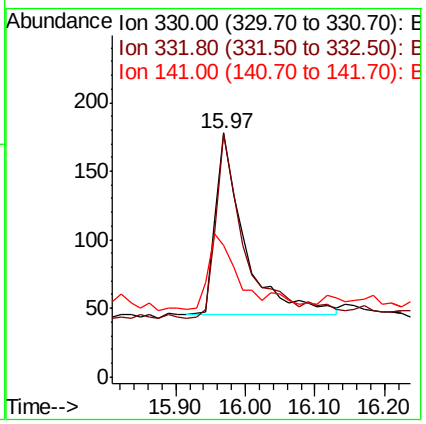




#14
2,4,6-Tribromophenol
Concen: 0.379 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098878.D
Acq: 12 Mar 2019 2:17

Tgt Ion:330 Resp: 387

Ion	Ratio	Lower	Upper
330	100		
332	104.4	77.6	116.4
141	39.3	31.0	46.4



Instrument :
BNA_E
ClientSampleId :
DUP03-20190308

Manual Integrations APPROVED
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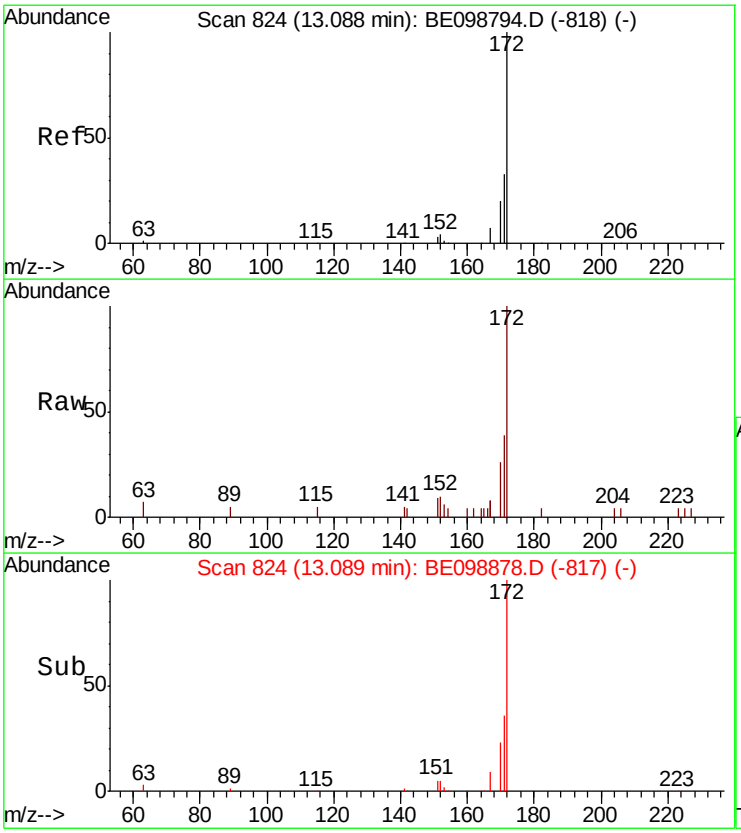
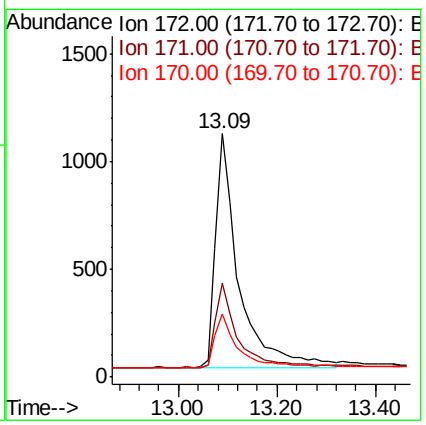
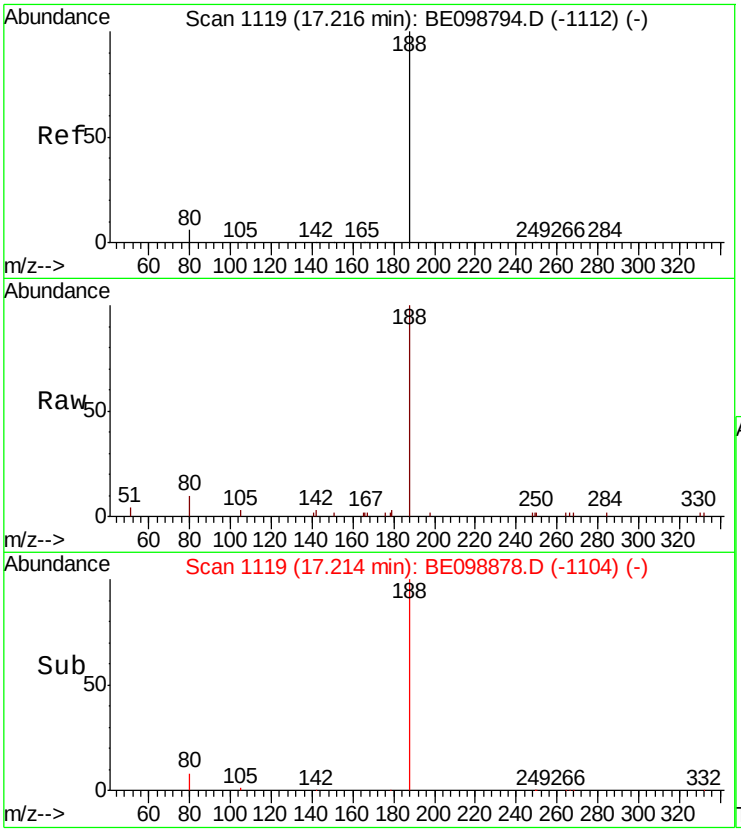


#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098878.D
Acq: 12 Mar 2019 2:17

Tgt Ion:172 Resp: 3499

Ion	Ratio	Lower	Upper
172	100		
171	38.7	28.0	42.0
170	25.7	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: BE098878.D
Acq: 12 Mar 2019 2:17

Tgt Ion:188 Resp: 5280

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	6.3	9.5#

Instrument :
BNA_E
ClientSampleId :
DUP03-20190308

Manual Integrations APPROVED
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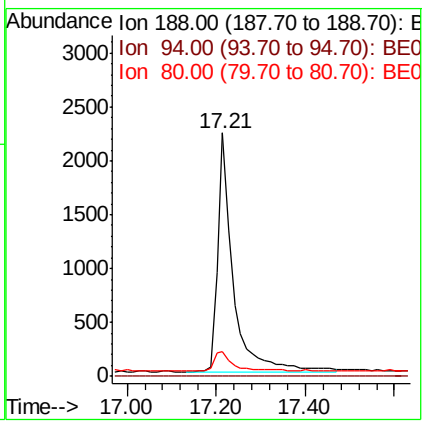
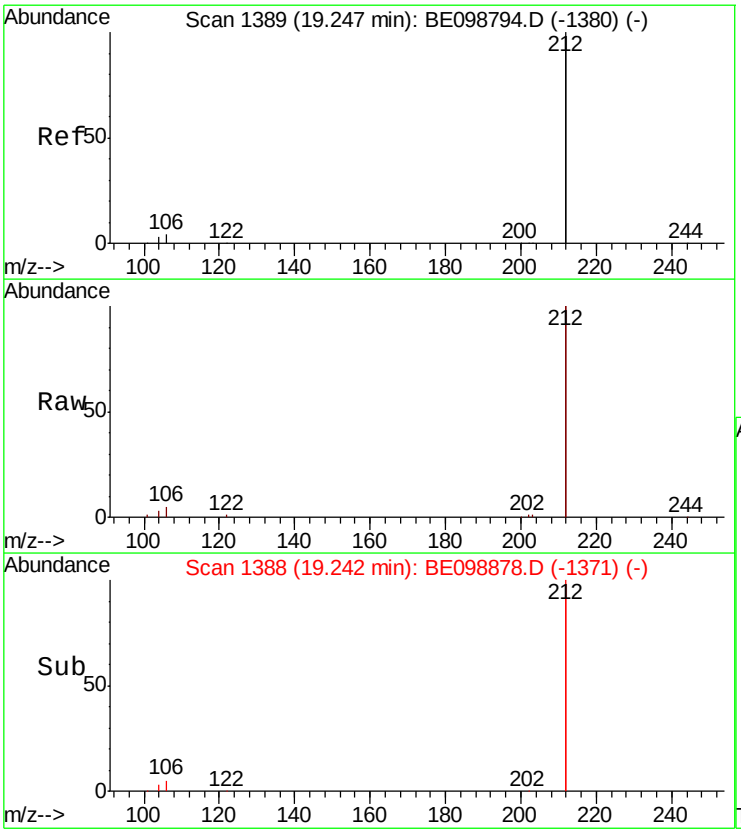
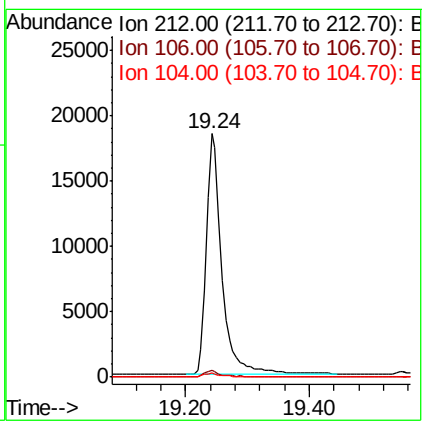


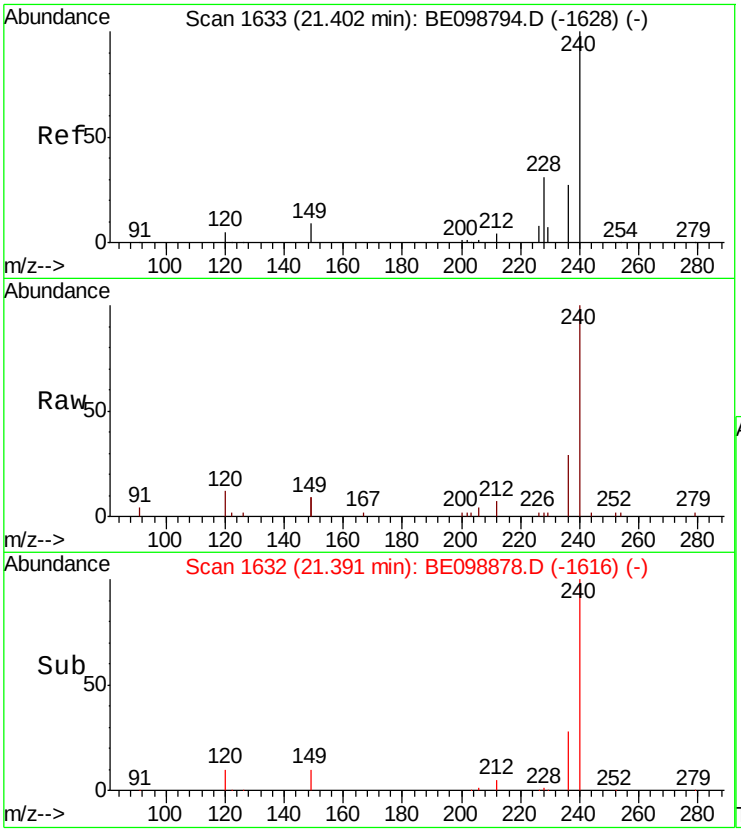


#25
Fluoranthene-d10
Concen: 0.388 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE098878.D
Acq: 12 Mar 2019 2:17

Tgt Ion:212 Resp: 32675

Ion	Ratio	Lower	Upper
212	100		
106	2.2	1.8	2.8
104	1.3	1.0	1.6





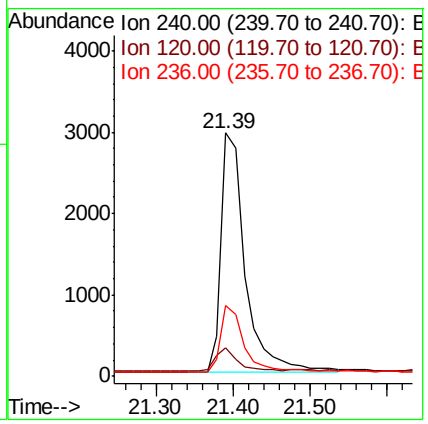
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE098878.D
Acq: 12 Mar 2019 2:17

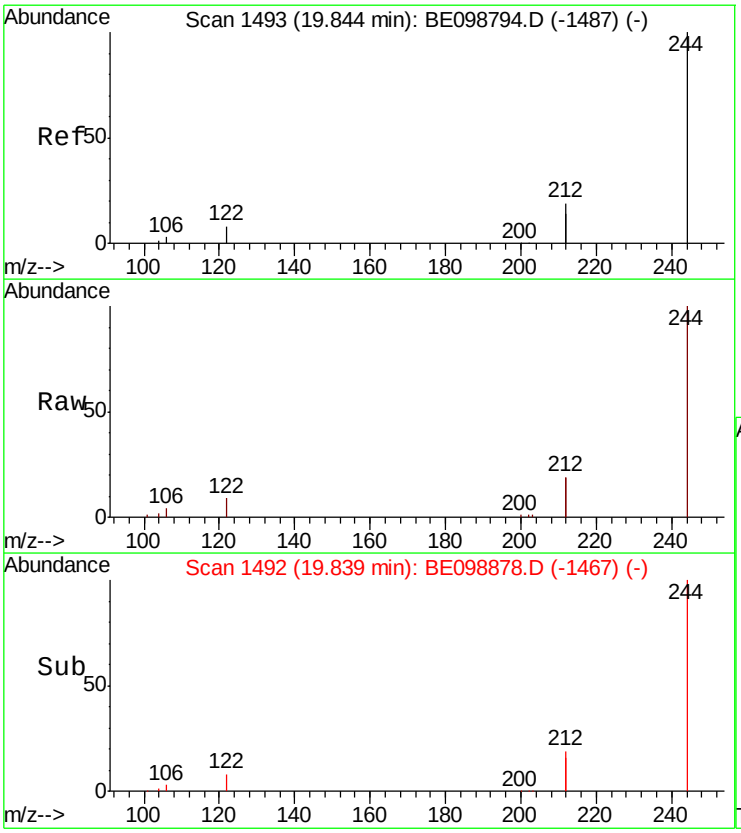
Instrument :
BNA_E
ClientSampleId :
DUP03-20190308

Manual Integrations APPROVED
Sohil
3/12/2019 4:33:56 PM

Tgt Ion:240 Resp: 6444

Ion	Ratio	Lower	Upper
240	100		
120	11.7	5.0	7.4#
236	29.3	22.7	34.1

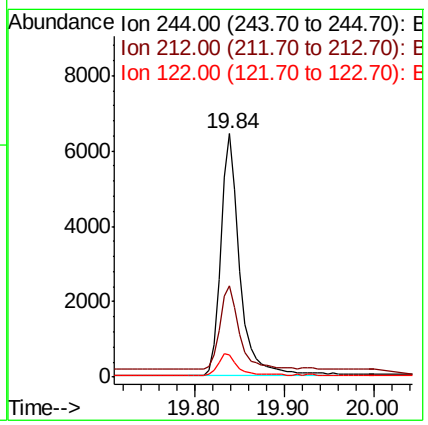


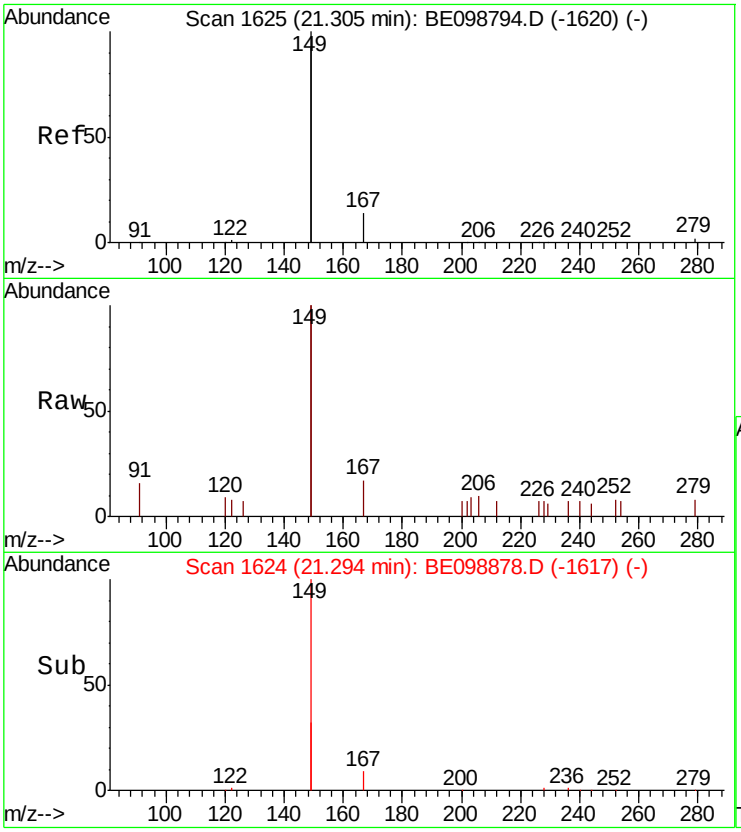


#29
Terphenyl-d14
Concen: 0.597 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE098878.D
Acq: 12 Mar 2019 2:17

Tgt Ion:244 Resp: 9350

Ion	Ratio	Lower	Upper
244	100		
212	37.7	29.4	44.2
122	9.0	7.1	10.7





#32
Bis(2-ethylhexyl)phthalate
Concen: 0.031 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE098878.D
Acq: 12 Mar 2019 2:17

Tgt Ion:149 Resp: 1324

Ion	Ratio	Lower	Upper
149	100		
167	7.7	5.4	8.0
279	1.1	1.0	1.4

Instrument :
BNA_E
ClientSampleId :
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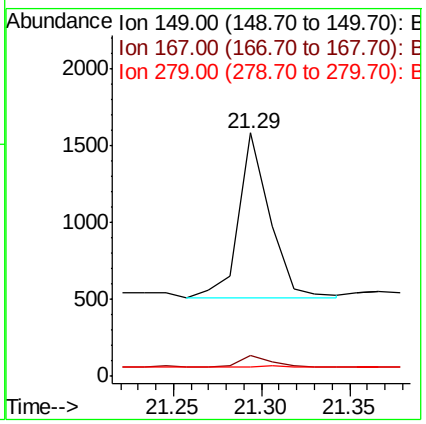
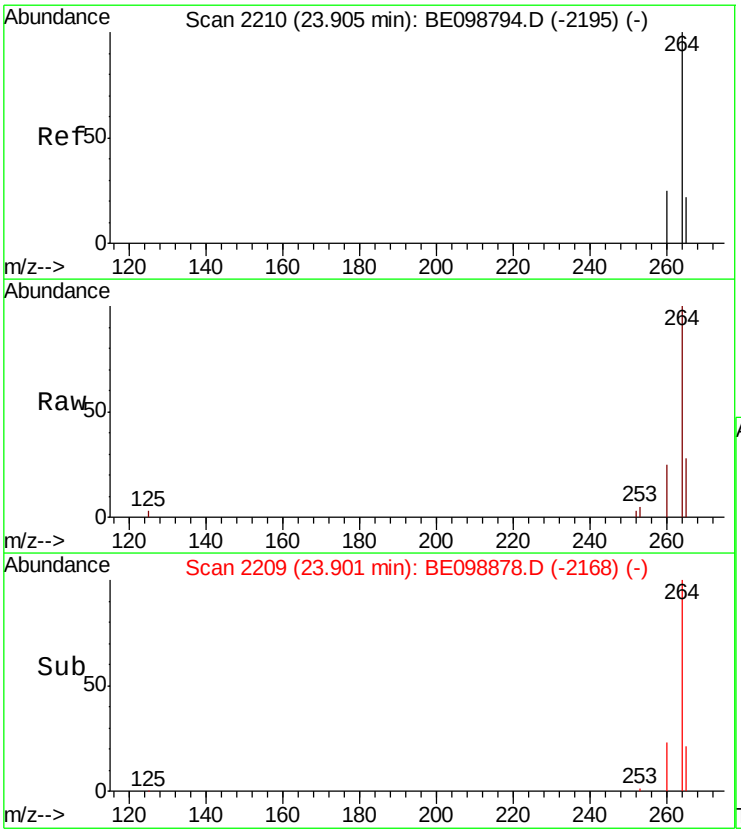
Manual Integrations APPROVED
Sohil
3/12/2019 4:33:56 PM





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.90 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BE098878.D
Acq: 12 Mar 2019 2:17

Tgt Ion:264 Resp: 6190

Ion	Ratio	Lower	Upper
264	100		
260	24.9	21.2	31.8
265	28.1	24.6	36.8