Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116517.D
Acq On : 24 Aug 2019 12:19
Operator : HP/JU
Sample : K4490-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAND-STONE

Manual Integrations APPROVED
Jagrut
8/28/2019 8:09:05 AM

Quant Time: Aug 26 03:54:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 13:38:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	128200	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	465088	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	223616	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	359297	20.00	ng	0.00
76) Chrysene-d12	14.03	240	261626	20.00	ng	0.00
87) Perylene-d12	15.49	264	240736	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	678011	77.28	ng	0.00
7) Phenol-d6	6.51	99	912700	84.84	ng	0.00
23) Nitrobenzene-d5	7.44	82	541620	63.71	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	174326	90.79	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1045391	75.29	ng	0.00
79) Terphenyl-d14	12.98	244	1023026	73.04	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.52	94	37538	3.213	ng	85
50) Dimethylphthalate	9.62	163	149417	9.577	ng	99

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

Quantitation Report (QT Reviewed)

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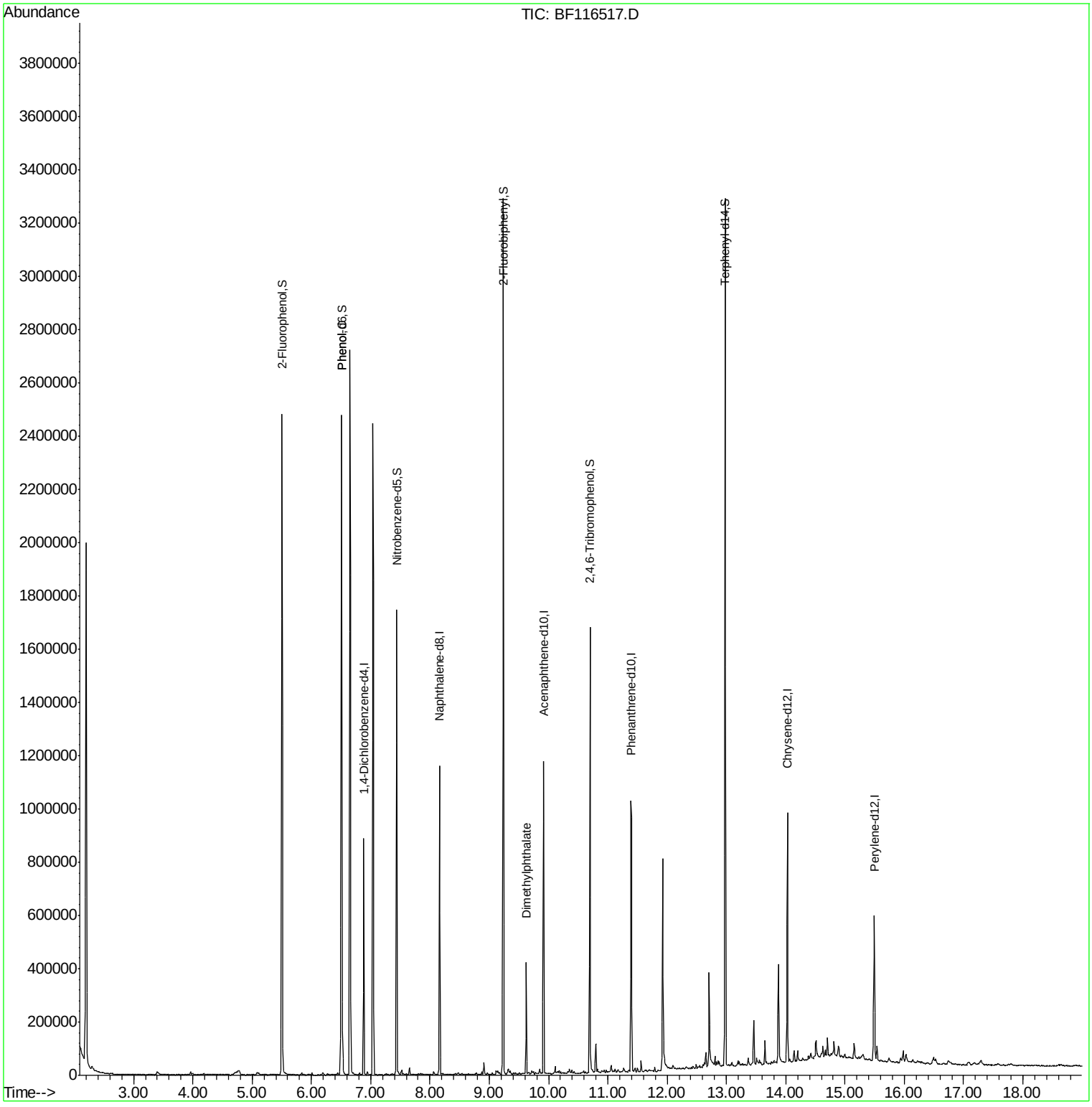
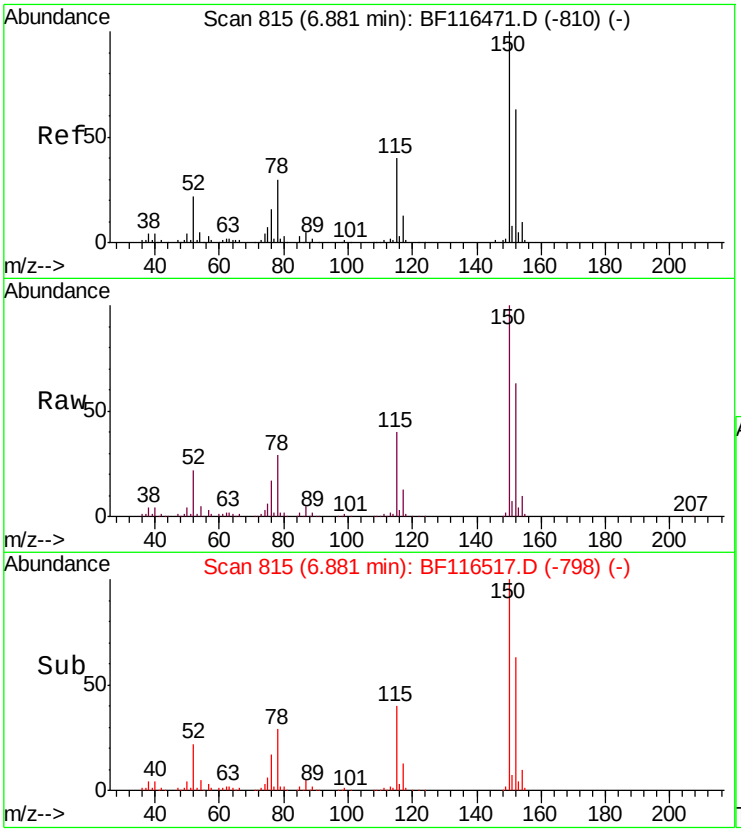
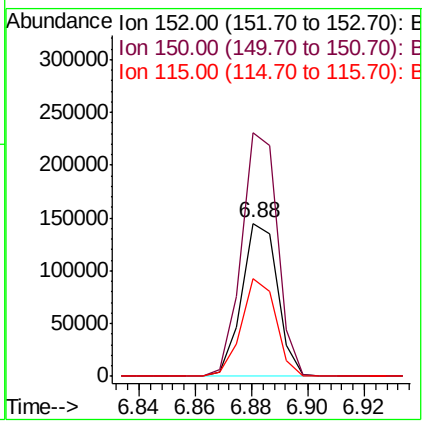




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116517.D
Acq: 24 Aug 2019 12:19

Tgt Ion:152 Resp: 128200

Ion	Ratio	Lower	Upper
152	100		
150	158.8	126.7	190.1
115	63.6	50.9	76.3



Instrument :
BNA_F
ClientSampleId :
SAND-STONE

Manual Integrations APPROVED
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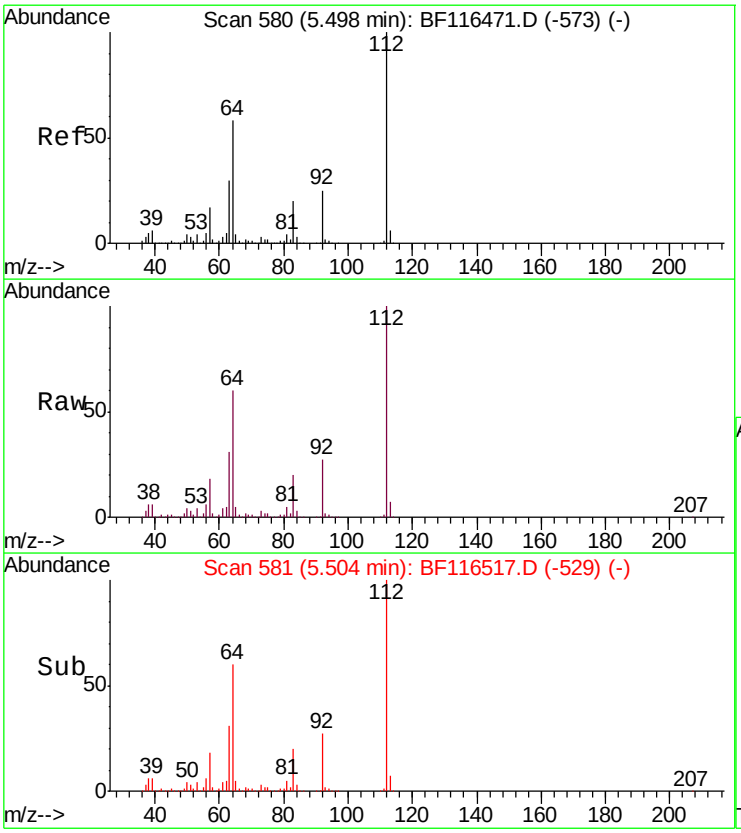
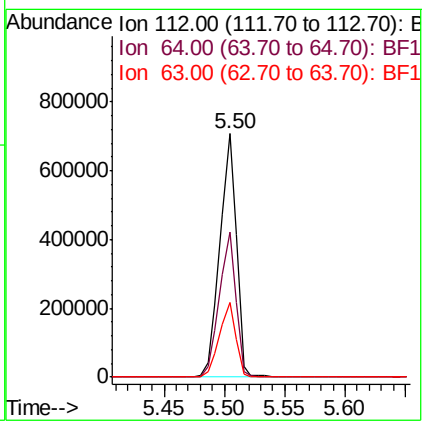
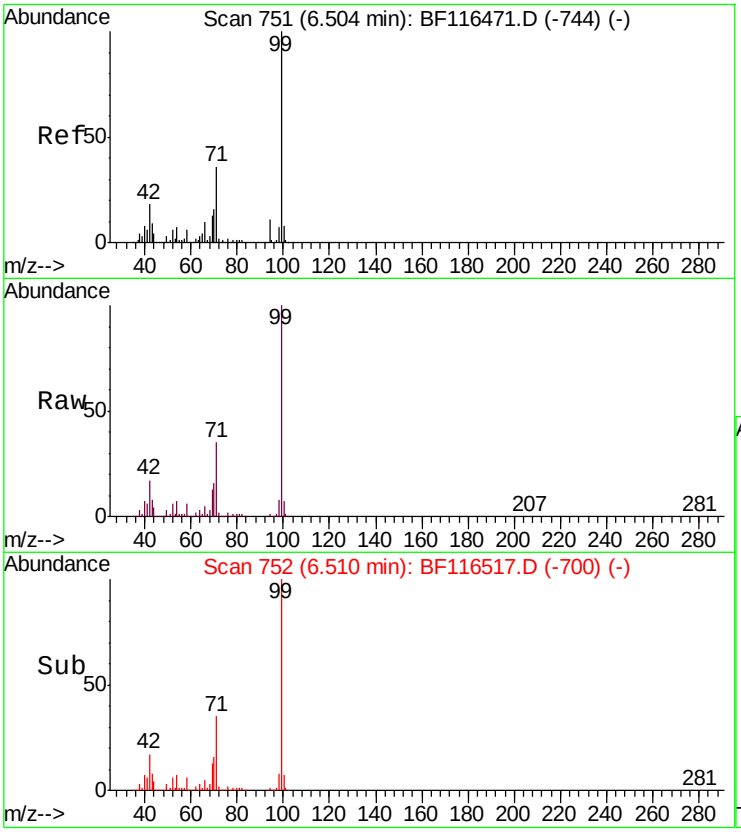


#5
2-Fluorophenol
Concen: 77.276 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF116517.D
Acq: 24 Aug 2019 12:19

Tgt Ion:112 Resp: 678011

Ion	Ratio	Lower	Upper
112	100		
64	59.7	46.3	69.5
63	30.9	24.2	36.4

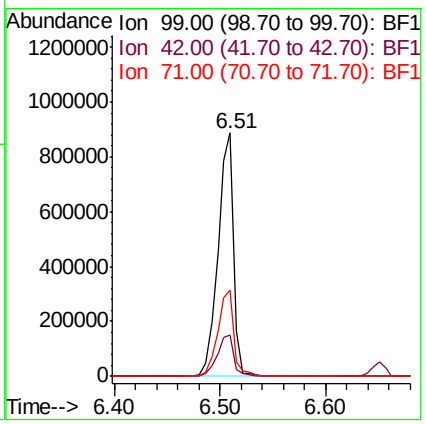




#7
Phenol-d6
Concen: 84.838 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF116517.D
Acq: 24 Aug 2019 12:19

Tgt Ion: 99 Resp: 912700

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.6	21.8
71	35.5	28.5	42.7



Instrument :
BNA_F
ClientSampleId :
SAND-STONE

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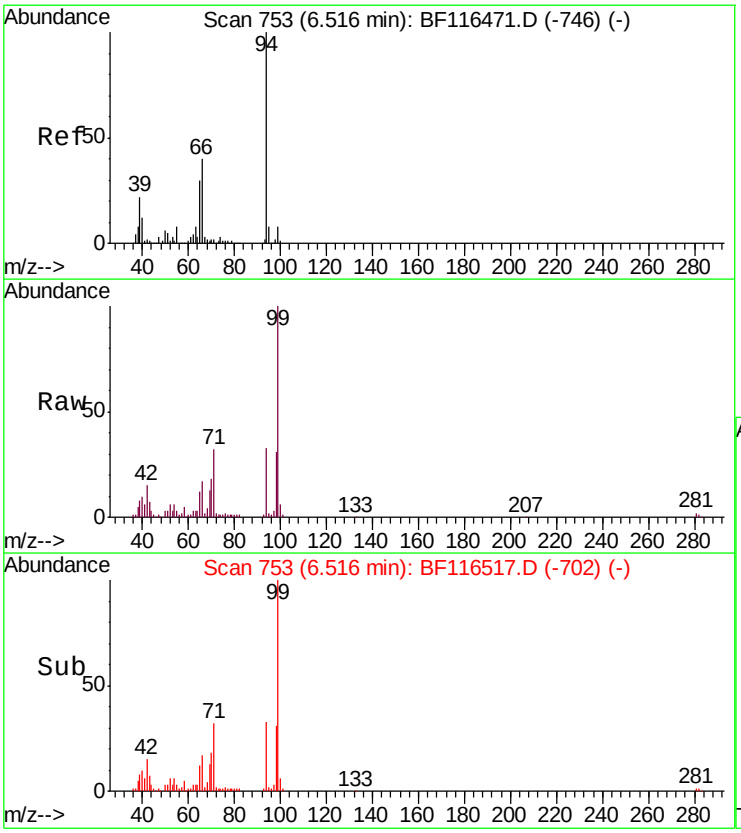
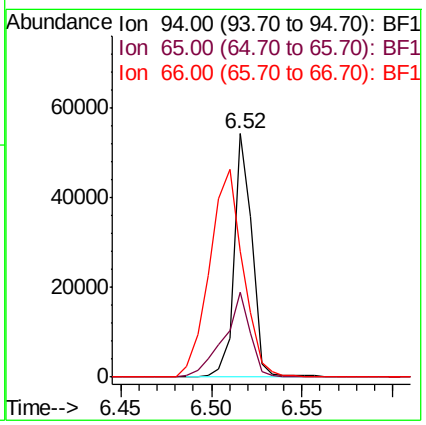
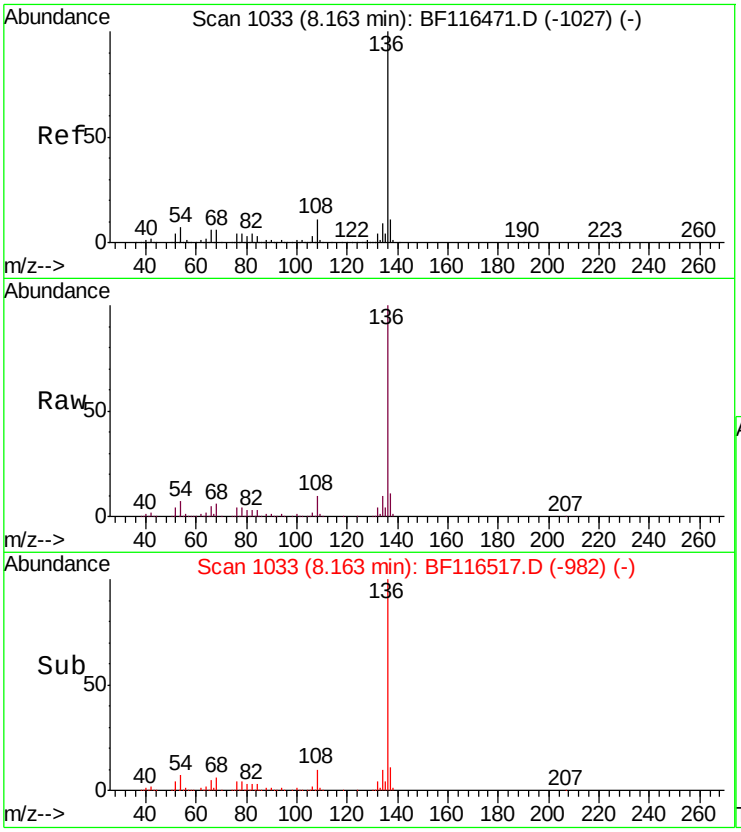


#10
Phenol
Concen: 3.213 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF116517.D
Acq: 24 Aug 2019 12:19

Tgt Ion: 94 Resp: 37538

Ion	Ratio	Lower	Upper
94	100		
65	34.6	10.0	50.0
66	51.5	19.8	59.8

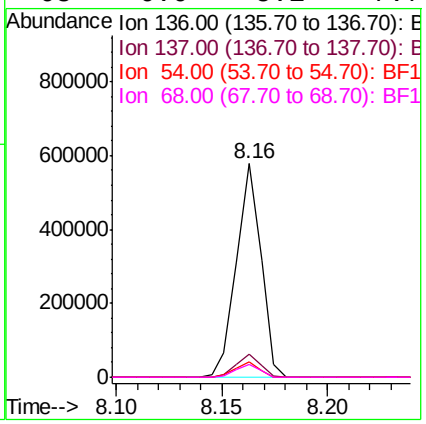




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BF116517.D
Acq: 24 Aug 2019 12:19

Tgt Ion:136 Resp: 465088

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.9	5.8	8.6
68	6.0	5.1	7.7



Instrument :
BNA_F
ClientSampleId :
SAND-STONE

Manual Integrations APPROVED
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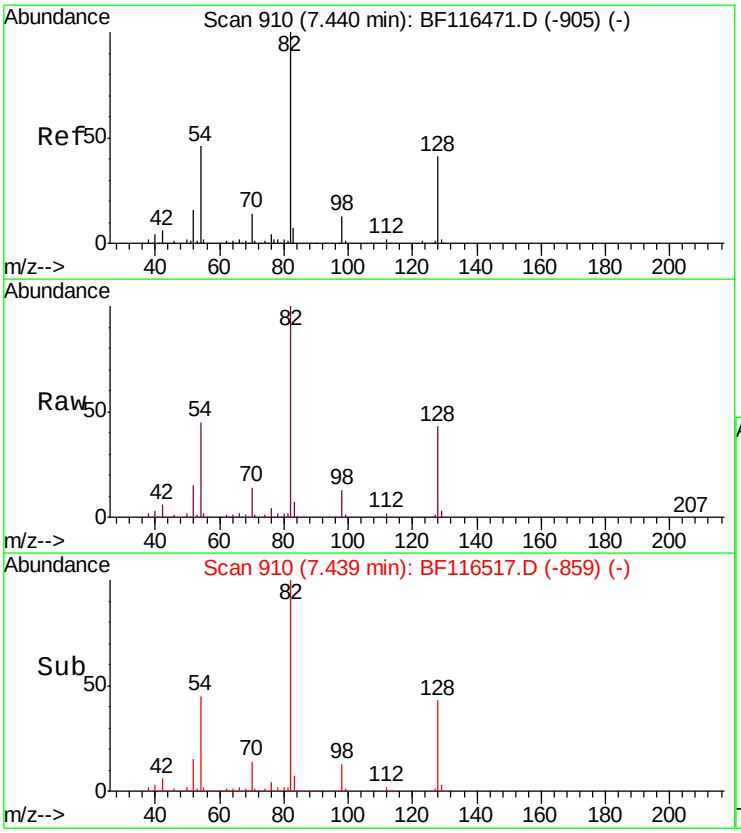
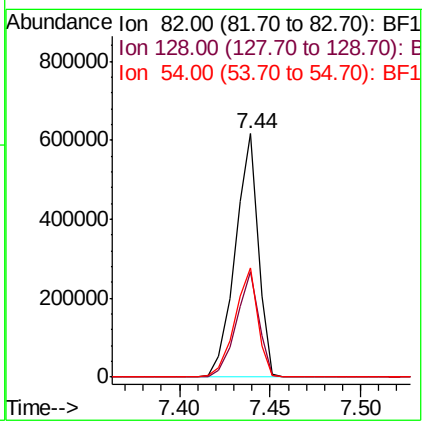
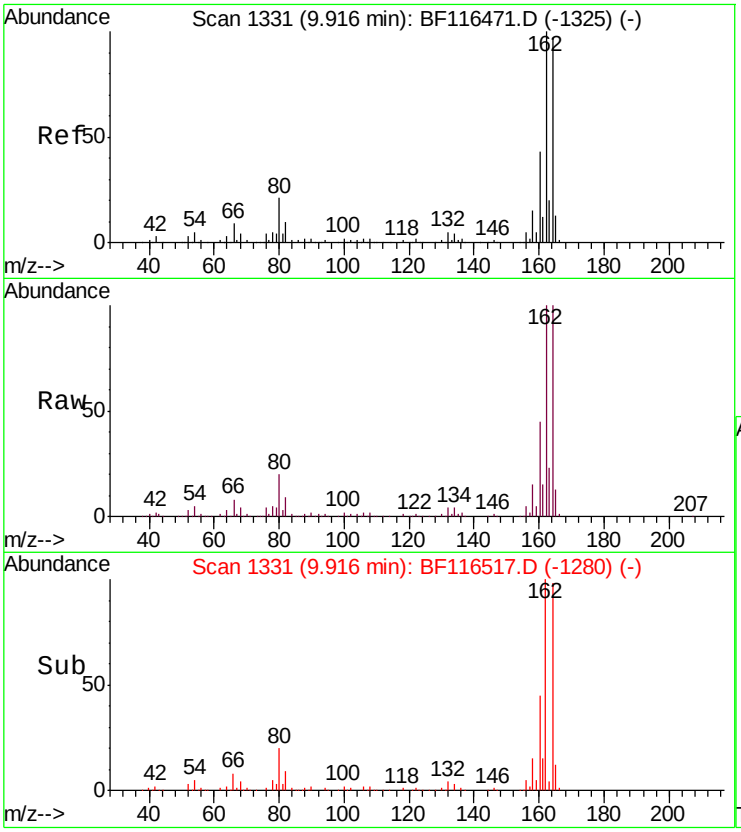


#23
Nitrobenzene-d5
Concen: 63.713 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116517.D
Acq: 24 Aug 2019 12:19

Tgt Ion: 82 Resp: 541620

Ion	Ratio	Lower	Upper
82	100		
128	43.1	32.2	48.4
54	44.8	36.5	54.7

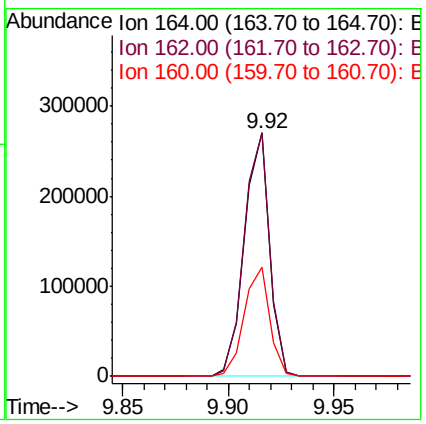




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116517.D
Acq: 24 Aug 2019 12:19

Tgt Ion:164 Resp: 223616

Ion	Ratio	Lower	Upper
164	100		
162	100.1	82.6	123.8
160	45.0	35.8	53.8



Instrument :
BNA_F
ClientSampleId :
SAND-STONE

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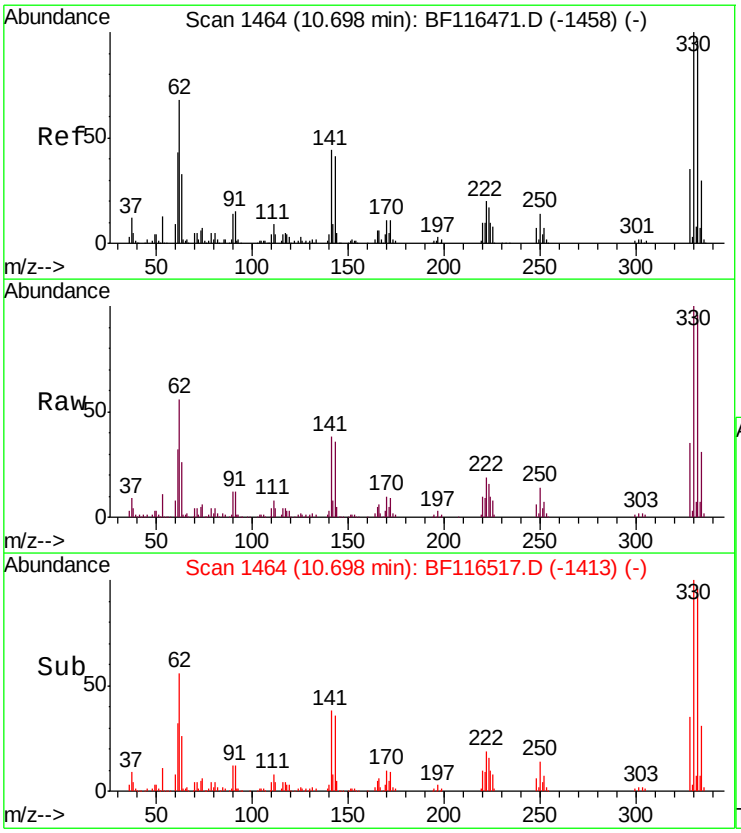
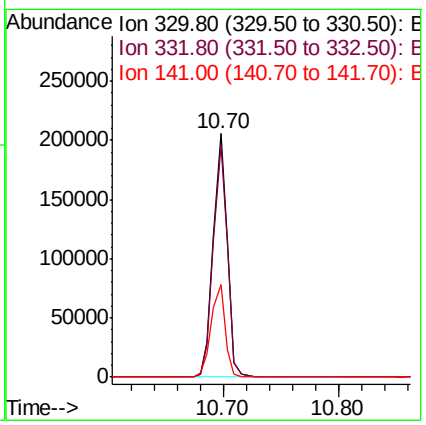
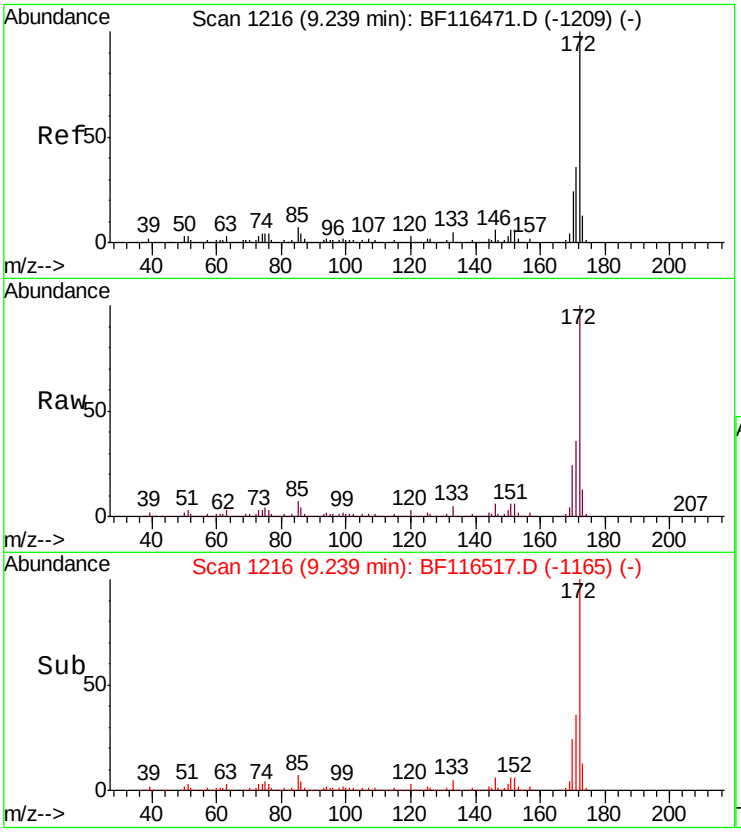


#42
2,4,6-Tribromophenol
Concen: 90.789 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116517.D
Acq: 24 Aug 2019 12:19

Tgt Ion:330 Resp: 174326

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.2	115.8
141	37.9	33.3	49.9

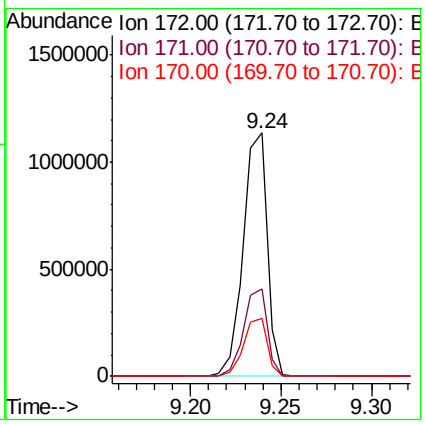




#45
2-Fluorobiphenyl
Concen: 75.286 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116517.D
Acq: 24 Aug 2019 12:19

Tgt Ion:172 Resp: 1045391

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.1	19.4	29.0



Instrument :
BNA_F
ClientSampleId :
SAND-STONE

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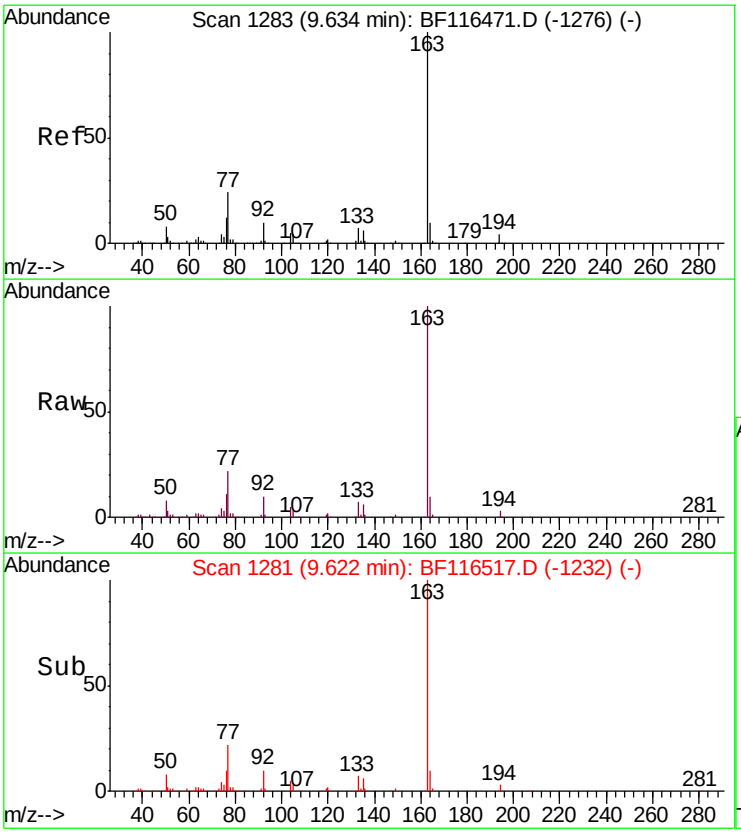
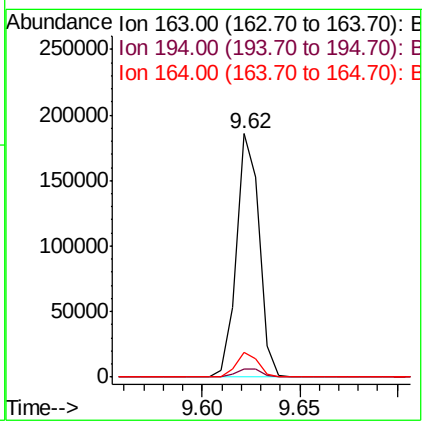
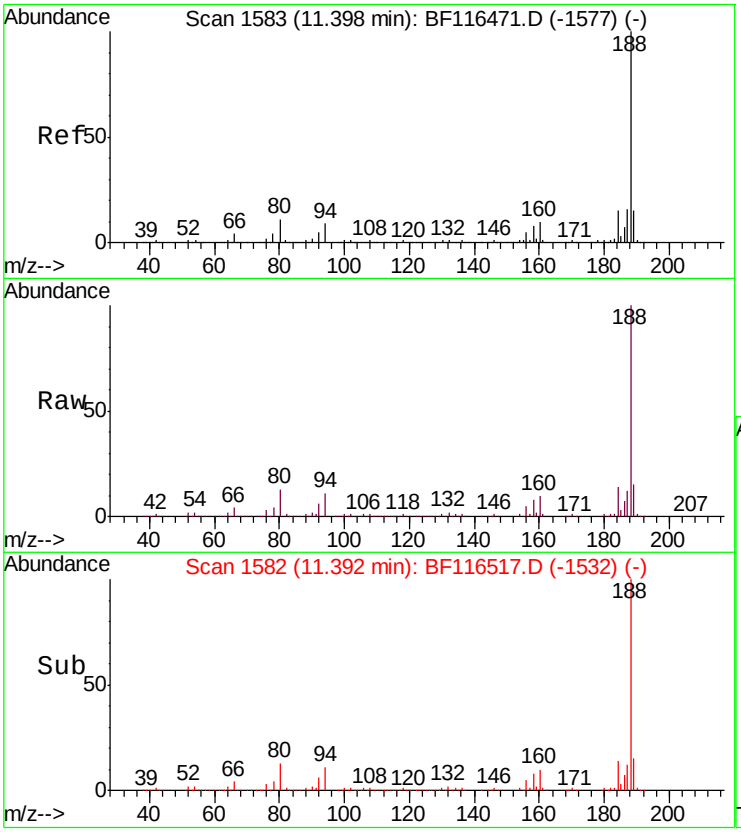


#50
Dimethylphthalate
Concen: 9.577 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF116517.D
Acq: 24 Aug 2019 12:19

Tgt Ion:163 Resp: 149417

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.9	4.3
164	10.4	8.2	12.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116517.D
Acq: 24 Aug 2019 12:19

Tgt Ion:188 Resp: 359297

Ion	Ratio	Lower	Upper
188	100		
94	10.8	7.4	11.2
80	13.0	8.6	12.8#

Instrument :
BNA_F
ClientSampleId :
SAND-STONE

Manual Integrations APPROVED
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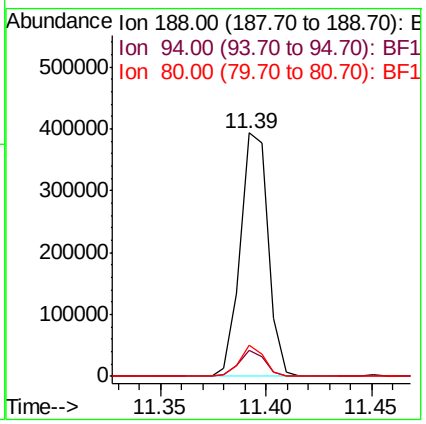
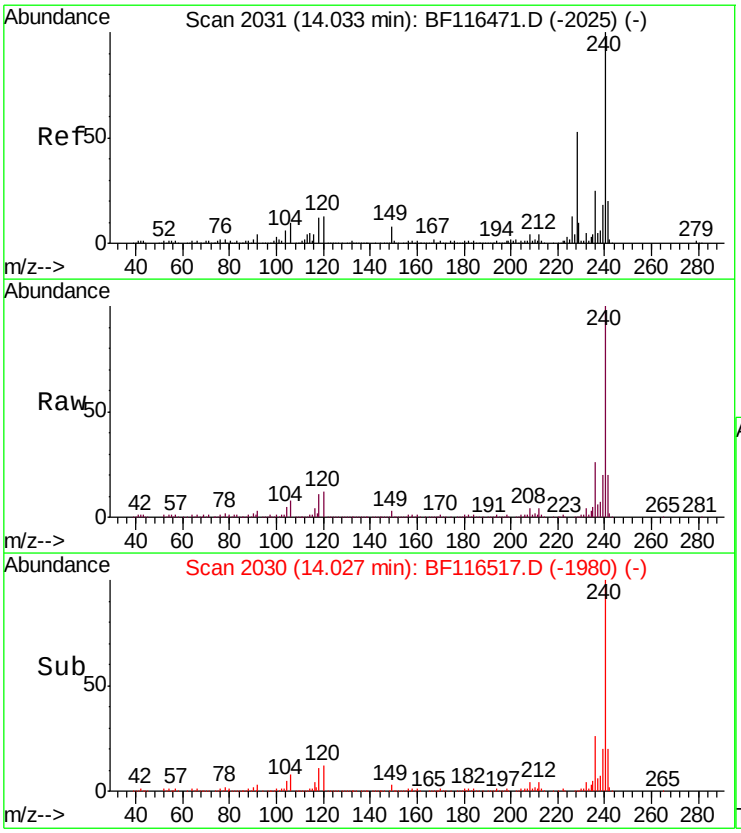
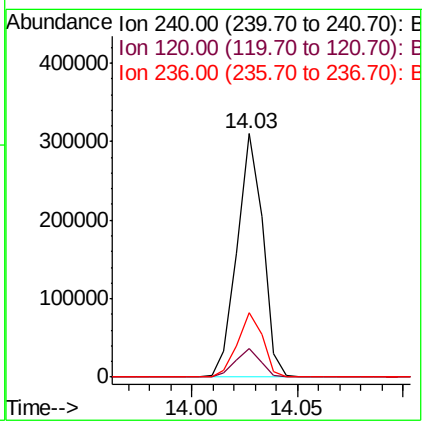


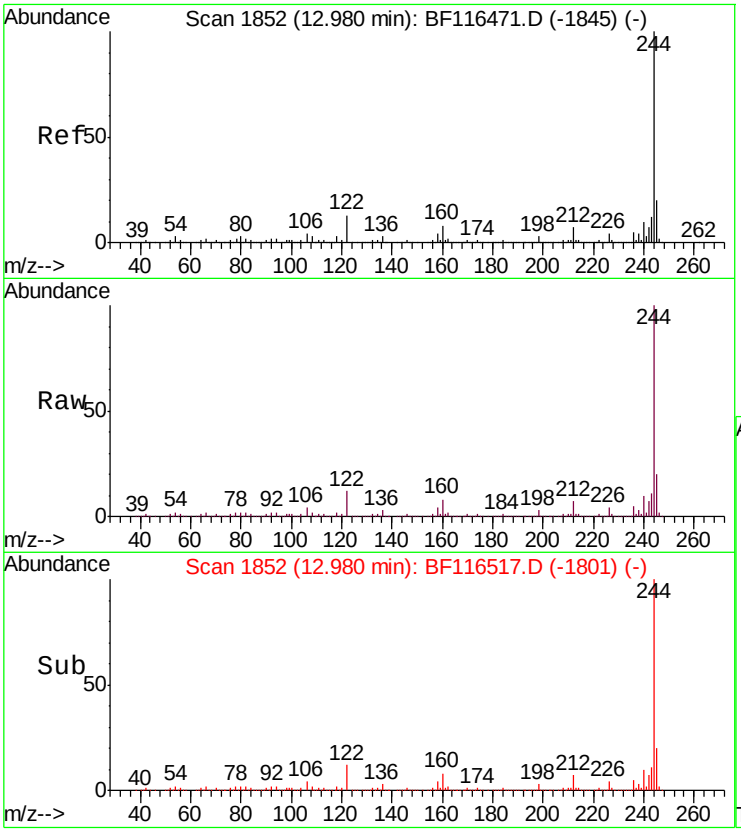


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116517.D
Acq: 24 Aug 2019 12:19

Tgt Ion:240 Resp: 261626

Ion	Ratio	Lower	Upper
240	100		
120	11.7	10.5	15.7
236	26.3	20.2	30.2

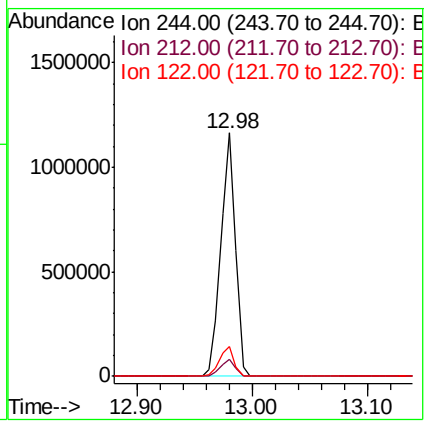




#79
Terphenyl-d14
Concen: 73.040 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BF116517.D
Acq: 24 Aug 2019 12:19

Tgt Ion:244 Resp: 1023026

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	12.2	10.2	15.4



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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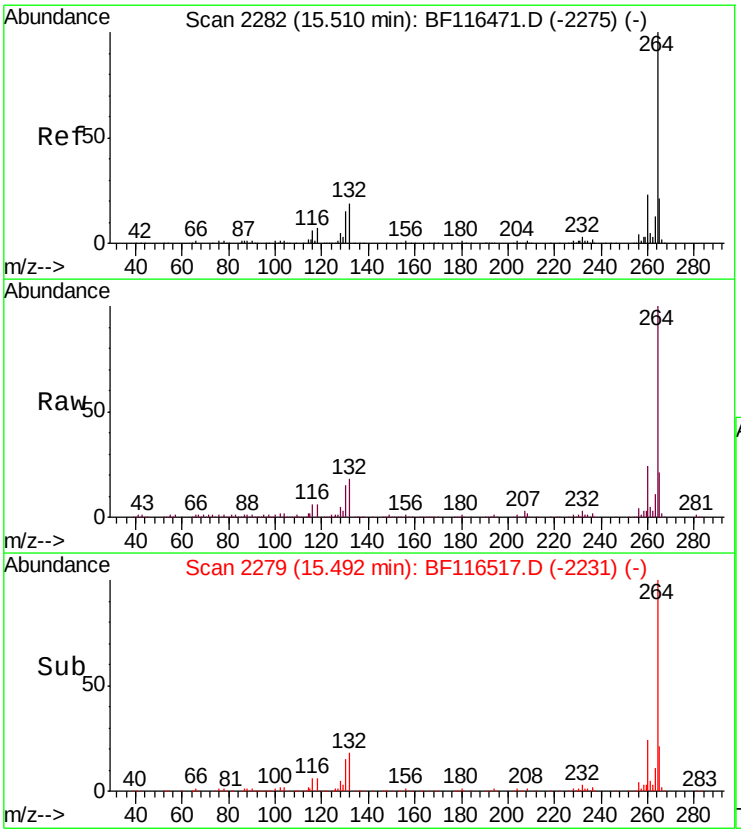

#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF116517.D
Acq: 24 Aug 2019 12:19

Tgt Ion:264 Resp: 240736

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.4	17.1	25.7