Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE020119\
Data File : BE098688.D
Acq On : 1 Feb 2019 11:51
Operator : JU/SJ
Sample : PB116728BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB116728BL

Quant Time: Feb 01 14:33:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 24 14:44:44 2019
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	874	0.40	ng	0.00
7) Naphthalene-d8	10.614	136	3344	0.40	ng	# 0.01
13) Acenaphthene-d10	14.485	164	2243	0.40	ng	0.01
19) Phenanthrene-d10	17.228	188	5617	0.40	ng	# 0.00
27) Chrysene-d12	21.414	240	6442	0.40	ng	# 0.00
34) Perylene-d12	23.923	264	6600	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.409	112	736	0.28	ng	0.01
5) Phenol-d6	7.022	99	830	0.22	ng	0.02
8) Nitrobenzene-d5	9.016	82	545	0.21	ng	0.04
11) 2-Methylnaphthalene-d10	12.223	152	1739	0.27	ng	0.01
14) 2,4,6-Tribromophenol	15.996	330	216	0.22	ng	0.01
15) 2-Fluorobiphenyl	13.116	172	2171	0.23	ng	0.01
25) Fluoranthene-d10	19.260	212	22496	0.28	ng	0.00
29) Terphenyl-d14	19.857	244	3781	0.24	ng	0.00
Target Compounds						Qvalue

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

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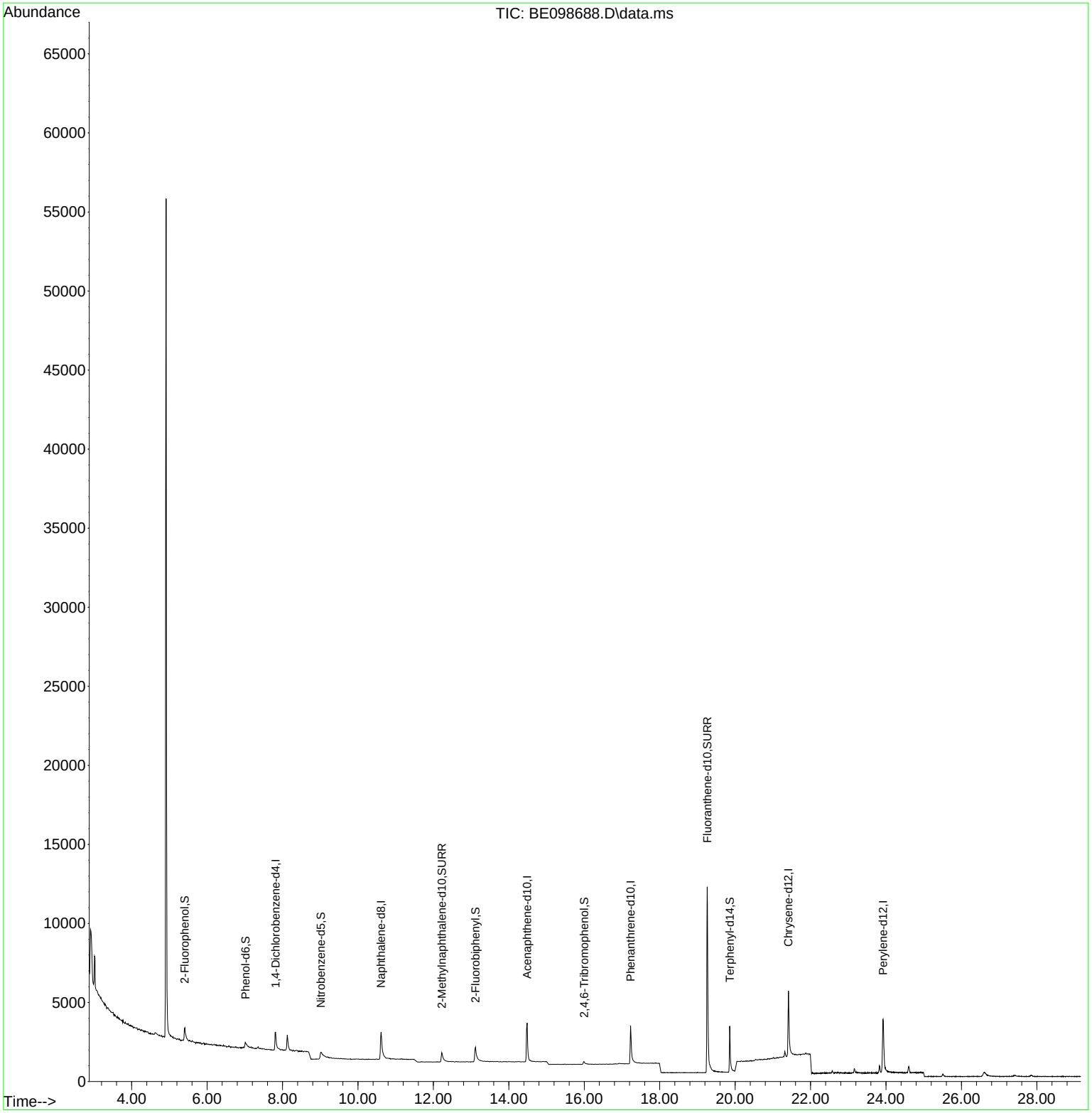

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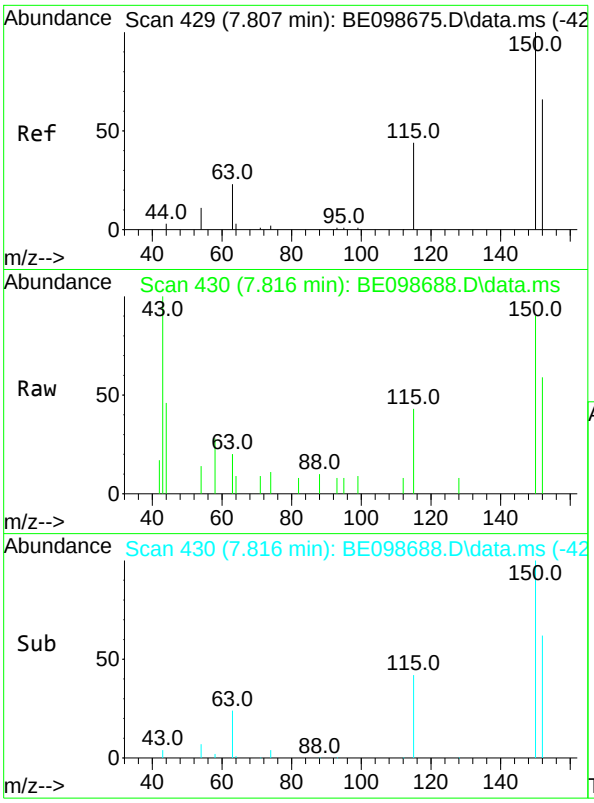
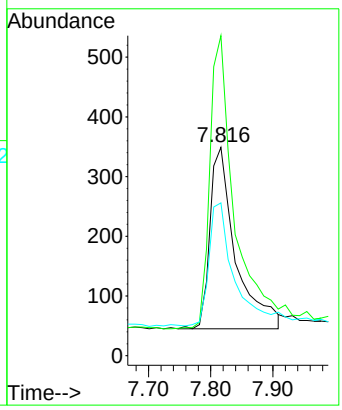
PB116728BL

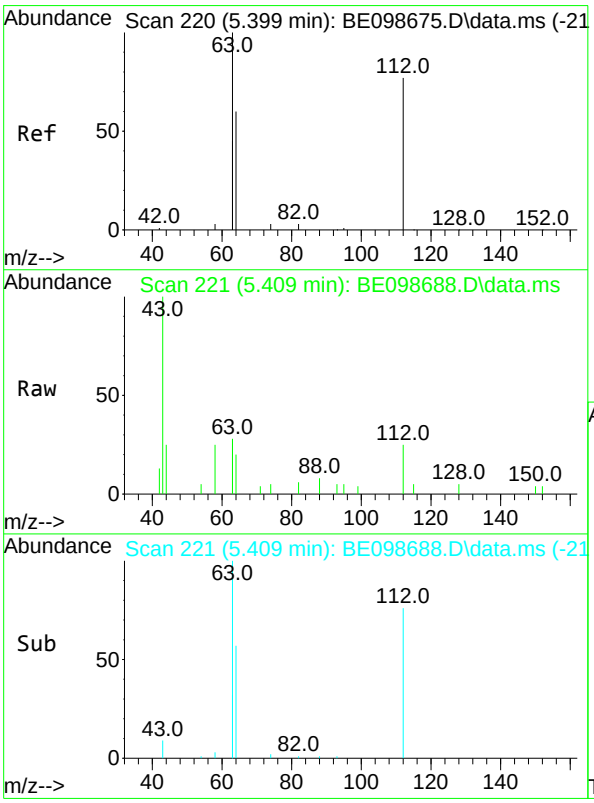


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.816 min Scan# 430
Delta R.T. 0.009 min
Lab File: BE098688.D
Acq: 1 Feb 2019 11:51

Tgt Ion:152 Resp: 874

Ion	Ratio	Lower	Upper
152	100		
150	153.6	121.4	182.2
115	73.4	59.1	88.7

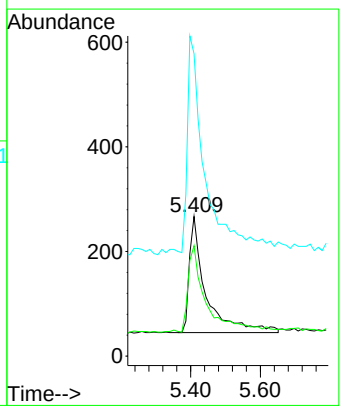




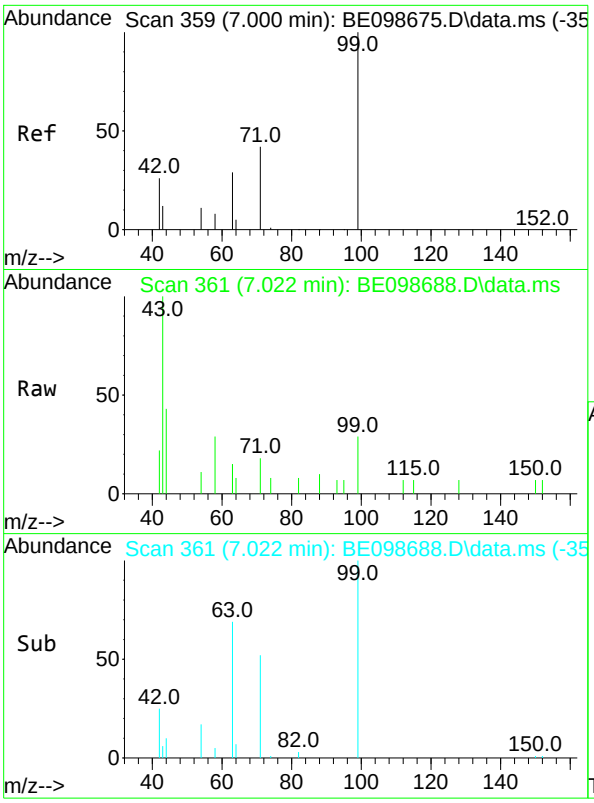
#4
2-Fluorophenol
Concen: 0.28 ng
RT: 5.409 min Scan# 221
Delta R.T. 0.010 min
Lab File: BE098688.D
Acq: 1 Feb 2019 11:51

Tgt Ion:112 Resp: 736

Ion	Ratio	Lower	Upper
112	100		
64	79.1	62.9	94.3
63	195.7	152.2	228.4



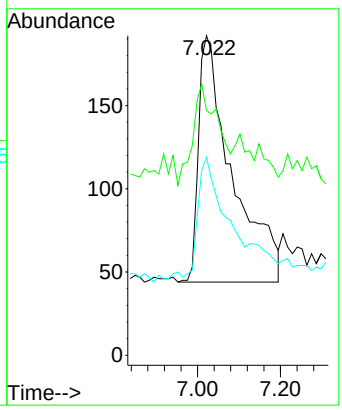
Instrument :
BNA_E
ClientSampleId :
PB116728BL

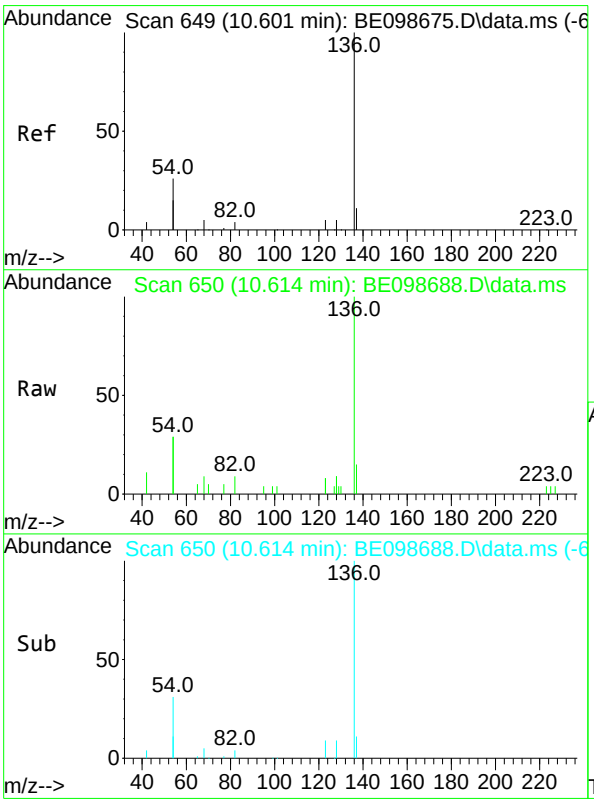


#5
Phenol-d6
Concen: 0.22 ng
RT: 7.022 min Scan# 361
Delta R.T. 0.022 min
Lab File: BE098688.D
Acq: 1 Feb 2019 11:51

Tgt Ion: 99 Resp: 830

Ion	Ratio	Lower	Upper
99	100		
42	31.1	24.6	37.0
71	47.6	35.1	52.7

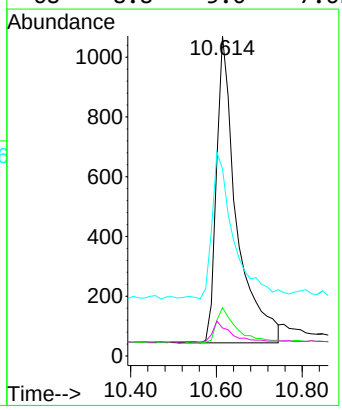




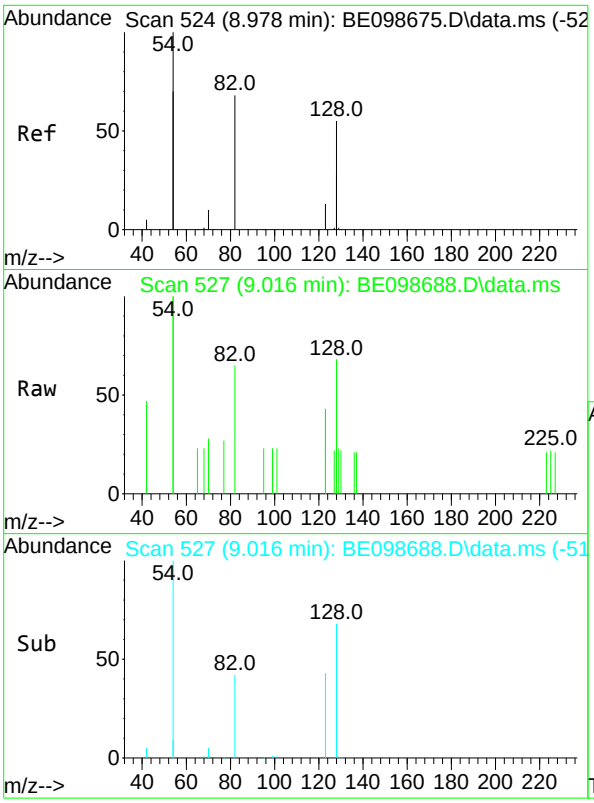
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. 0.013 min
Lab File: BE098688.D
Acq: 1 Feb 2019 11:51

Tgt Ion:136 Resp: 3344

Ion	Ratio	Lower	Upper
136	100		
137	15.1	9.7	14.5#
54	58.5	35.5	53.3#
68	8.8	5.0	7.6#



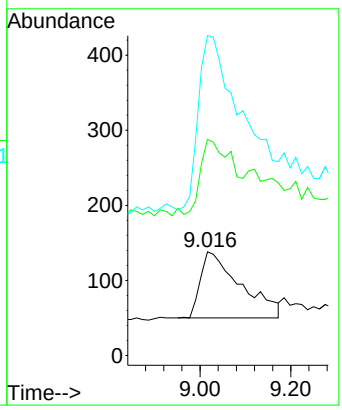
Instrument :
BNA_E
ClientSampleId :
PB116728BL

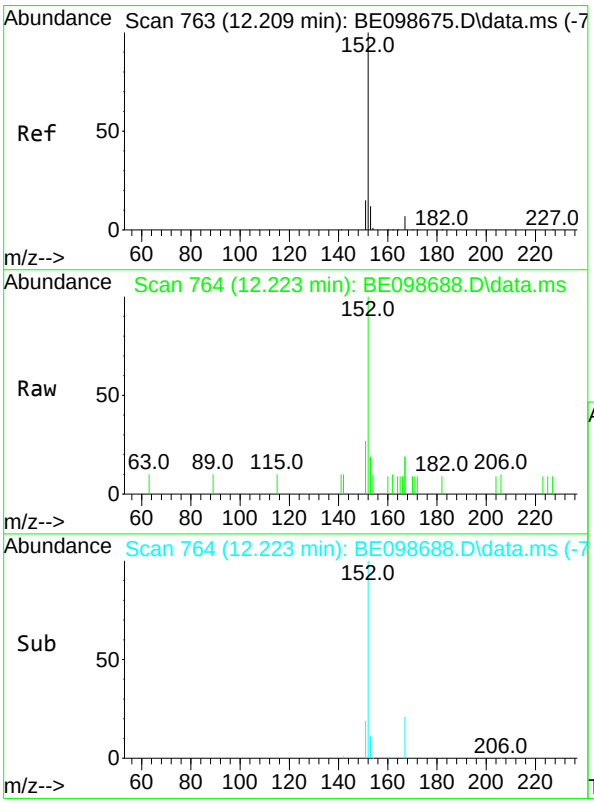


#8
Nitrobenzene-d5
Concen: 0.21 ng
RT: 9.016 min Scan# 527
Delta R.T. 0.038 min
Lab File: BE098688.D
Acq: 1 Feb 2019 11:51

Tgt Ion: 82 Resp: 545

Ion	Ratio	Lower	Upper
82	100		
128	208.7	96.5	144.7#
54	308.7	224.7	337.1

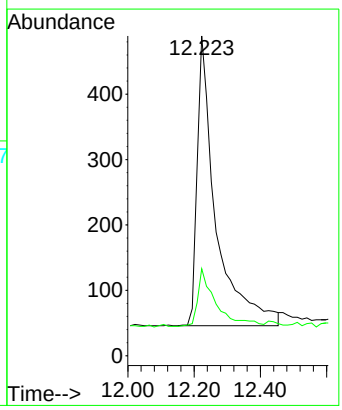




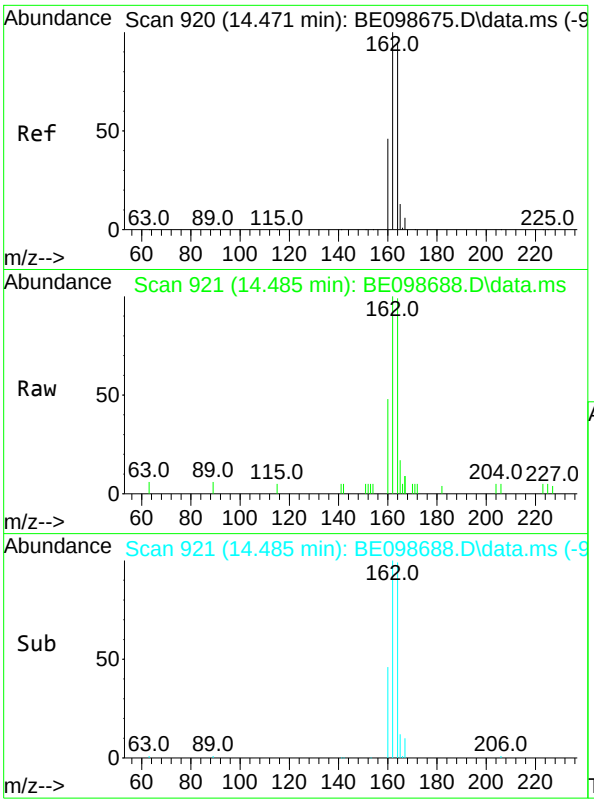
#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 12.223 min Scan# 764
Delta R.T. 0.014 min
Lab File: BE098688.D
Acq: 1 Feb 2019 11:51

Tgt Ion:152 Resp: 1739

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.4



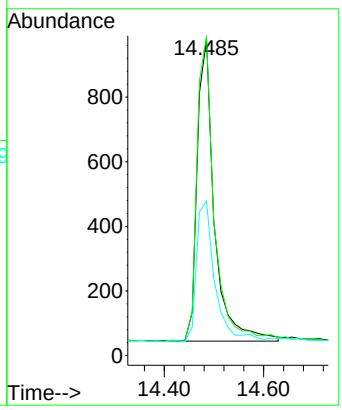
Instrument :
BNA_E
ClientSampleId :
PB116728BL

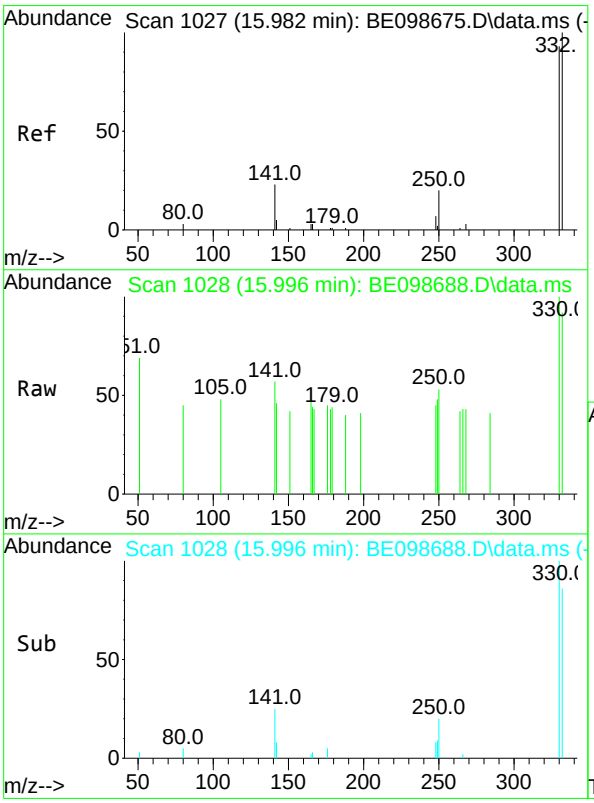


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.485 min Scan# 921
Delta R.T. 0.014 min
Lab File: BE098688.D
Acq: 1 Feb 2019 11:51

Tgt Ion:164 Resp: 2243

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.5	120.7
160	48.8	40.1	60.1

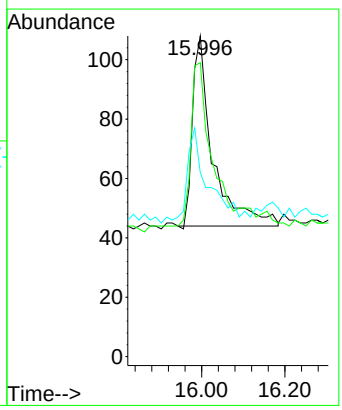




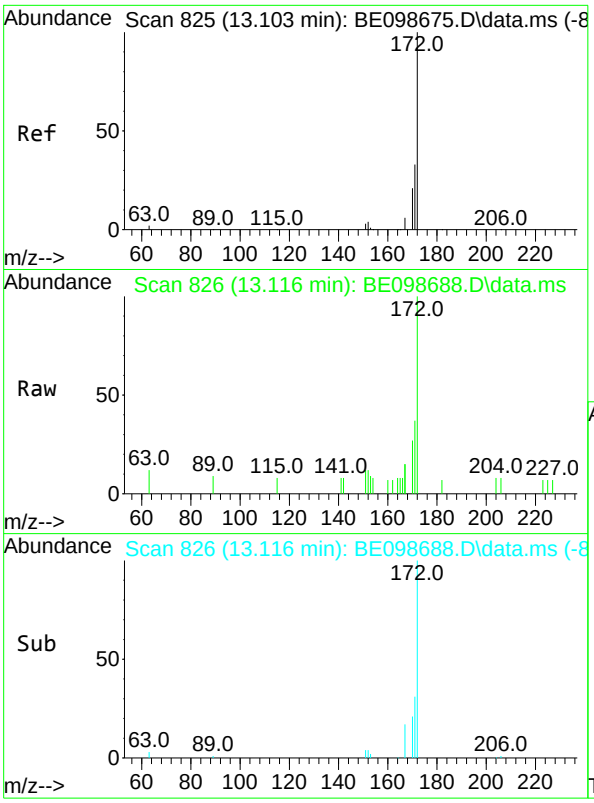
#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.996 min Scan# 1028
Delta R.T. 0.014 min
Lab File: BE098688.D
Acq: 1 Feb 2019 11:51

Tgt Ion:330 Resp: 216

Ion	Ratio	Lower	Upper
330	100		
332	96.8	73.3	109.9
141	47.7	33.1	49.7



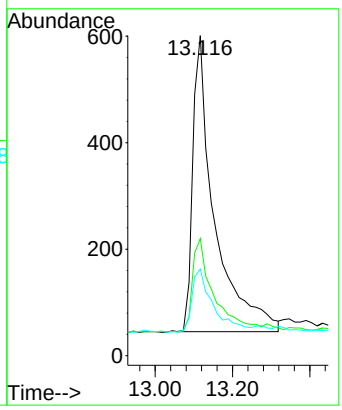
Instrument :
BNA_E
ClientSampleId :
PB116728BL

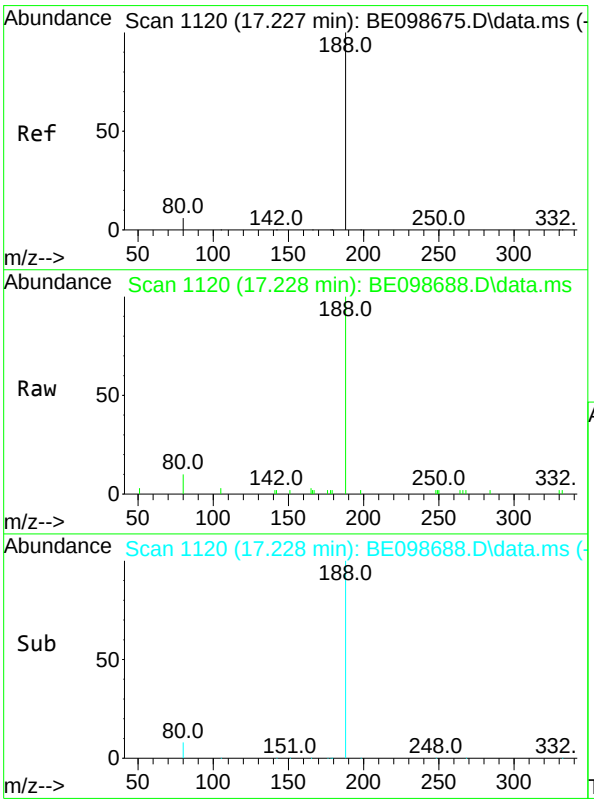


#15
2-Fluorobiphenyl
Concen: 0.23 ng
RT: 13.116 min Scan# 826
Delta R.T. 0.013 min
Lab File: BE098688.D
Acq: 1 Feb 2019 11:51

Tgt Ion:172 Resp: 2171

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	27.1	20.8	31.2

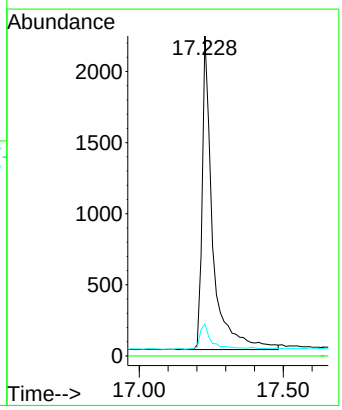




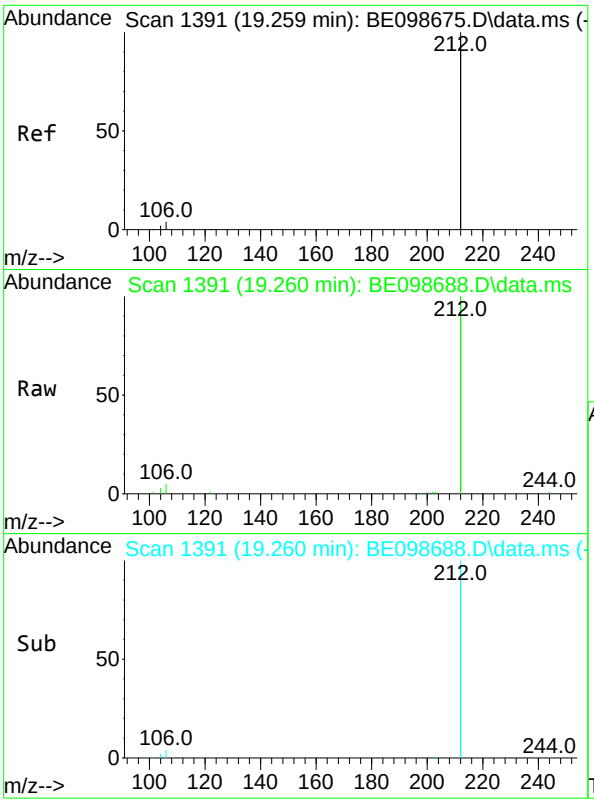
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.228 min Scan# 1120
Delta R.T. 0.001 min
Lab File: BE098688.D
Acq: 1 Feb 2019 11:51

Tgt Ion:188 Resp: 5617

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	4.7	7.1#



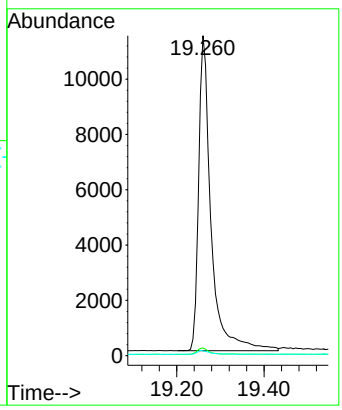
Instrument :
BNA_E
ClientSampleId :
PB116728BL

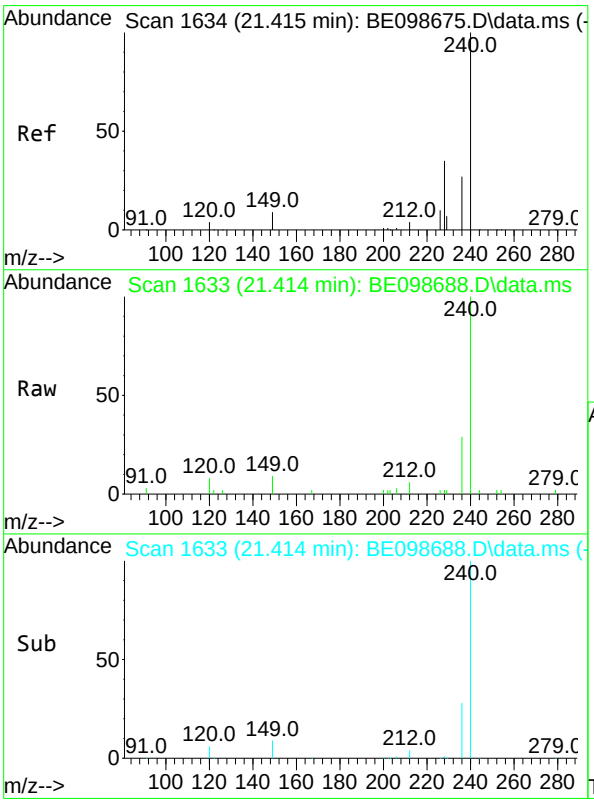


#25
Fluoranthene-d10
Concen: 0.28 ng
RT: 19.260 min Scan# 1391
Delta R.T. 0.001 min
Lab File: BE098688.D
Acq: 1 Feb 2019 11:51

Tgt Ion:212 Resp: 22496

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.7	2.5
104	1.2	1.0	1.6

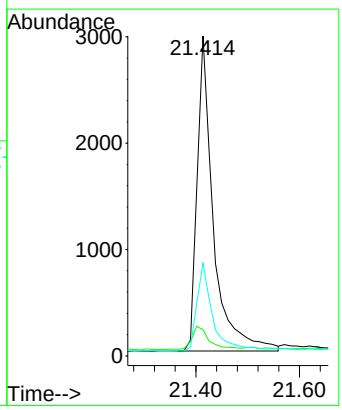




#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.414 min Scan# 1633
Delta R.T. -0.001 min
Lab File: BE098688.D
Acq: 1 Feb 2019 11:51

Tgt Ion:240 Resp: 6442

Ion	Ratio	Lower	Upper
240	100		
120	8.2	4.7	7.1#
236	29.0	21.9	32.9



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BNA_E
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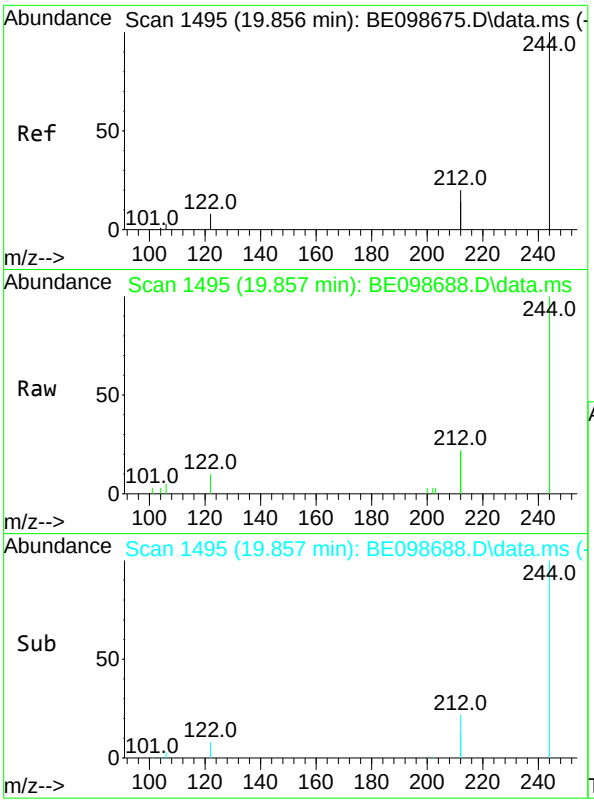
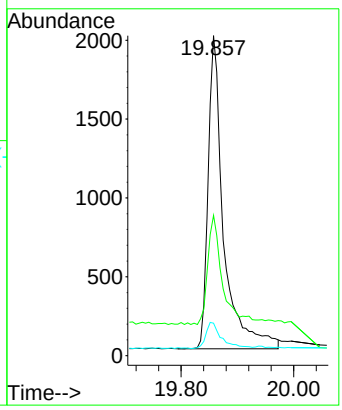
PB116728BL

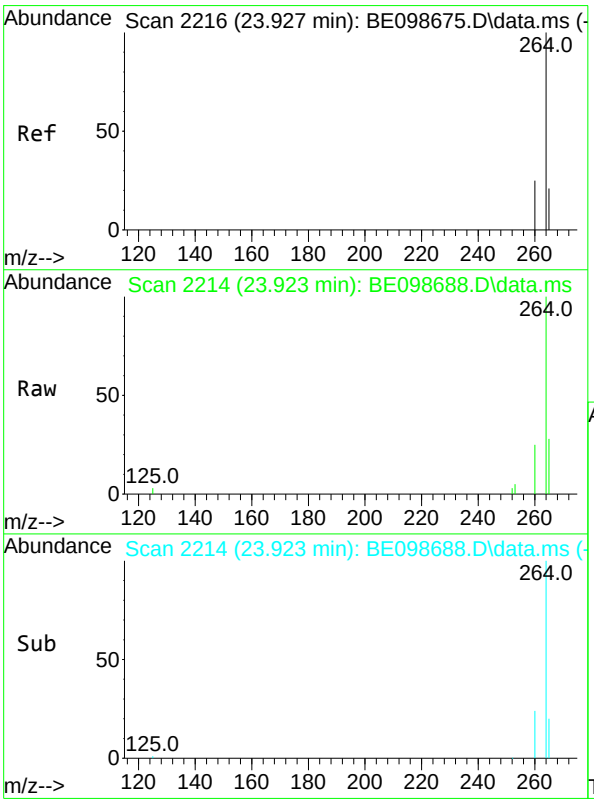


#29
Terphenyl-d14
Concen: 0.24 ng
RT: 19.857 min Scan# 1495
Delta R.T. 0.001 min
Lab File: BE098688.D
Acq: 1 Feb 2019 11:51

Tgt Ion:244 Resp: 3781

Ion	Ratio	Lower	Upper
244	100		
212	43.9	29.4	44.2
122	10.2	7.1	10.7





#34
Perylene-d12
Concen: 0.40 ng
RT: 23.923 min Scan# 2214
Delta R.T. -0.004 min
Lab File: BE098688.D
Acq: 1 Feb 2019 11:51

Tgt Ion:264 Resp: 6600

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	27.7	22.3	33.5