Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040521\
Data File : BE101208.D
Acq On : 5 Apr 2021 23:56
Operator : CG/JU
Sample : PB130971BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB130971BL

Quant Time: Apr 06 05:26:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 03:03:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	4772	0.40	ng	0.00
7) Naphthalene-d8	10.614	136	19563	0.40	ng	0.00
13) Acenaphthene-d10	14.442	164	10595	0.40	ng	-0.01
19) Phenanthrene-d10	17.197	188	25846	0.40	ng	0.00
29) Chrysene-d12	21.365	240	31092	0.40	ng	# 0.01
36) Perylene-d12	23.837	264	40155	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.432	112	5280	0.41	ng	0.01
5) Phenol-d6	6.998	99	6760	0.35	ng	0.00
8) Nitrobenzene-d5	8.977	82	6368	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.195	152	10467	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.957	330	877	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.074	172	19247	0.50	ng	0.00
27) Fluoranthene-d10	19.215	212	103667	0.23	ng	0.00
31) Terphenyl-d14	19.818	244	32487	0.46	ng	0.00
Target Compounds						Qvalue

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

Quantitation Report (QT Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 03:03:09 2021
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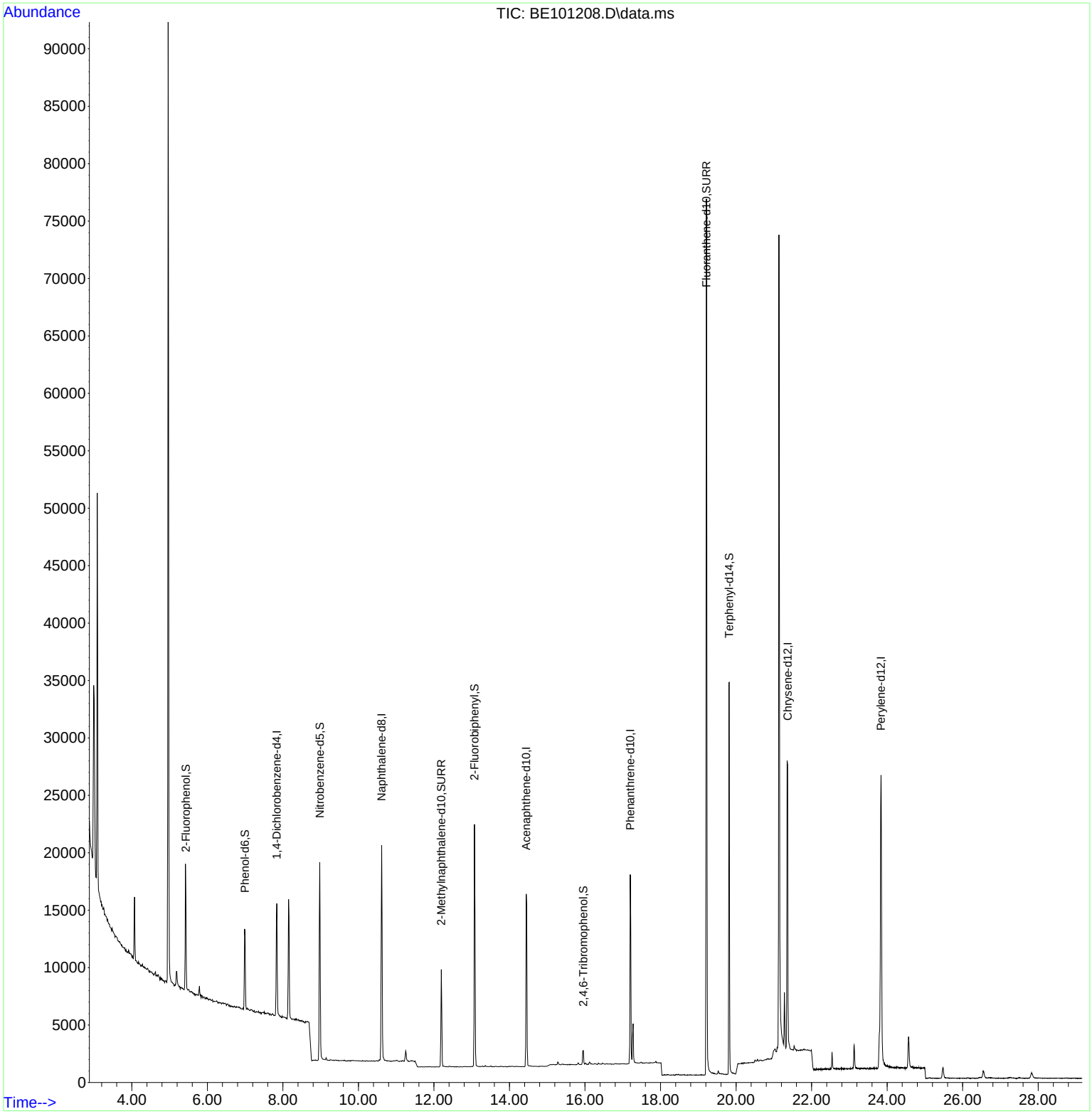
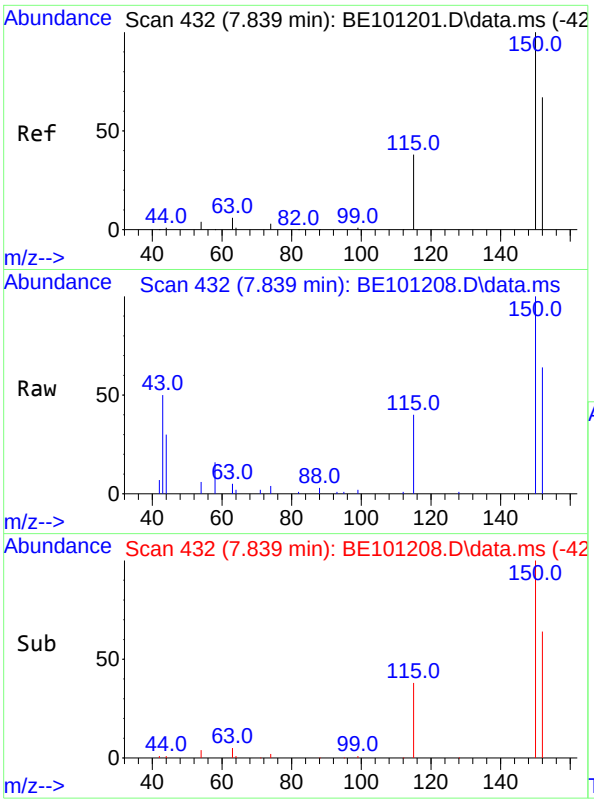


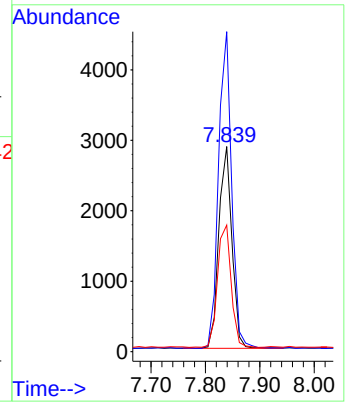
Instrument :
BNA_E
ClientSampleId :
PB130971BL

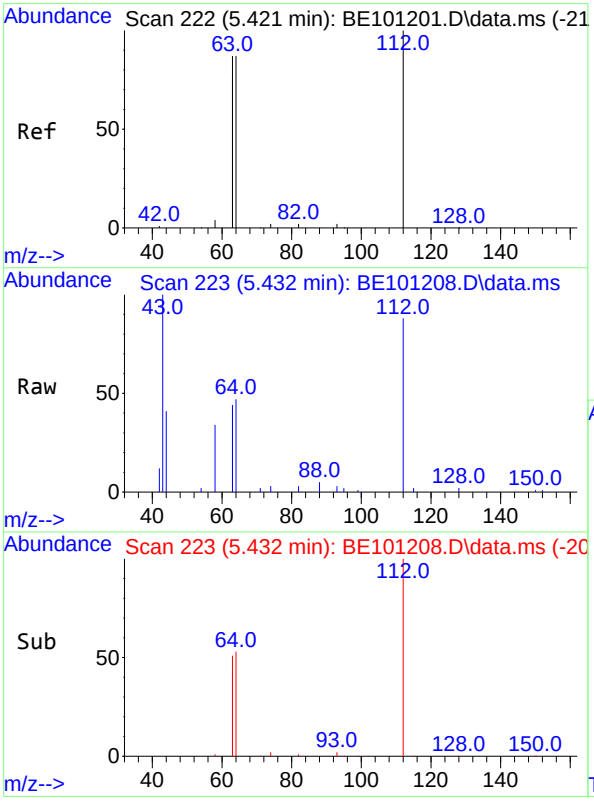


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.839 min Scan# 432
Delta R.T. 0.000 min
Lab File: BE101208.D
Acq: 5 Apr 2021 23:56

Tgt Ion:152 Resp: 4772

Ion	Ratio	Lower	Upper
152	100		
150	156.0	119.2	178.8
115	61.7	46.6	70.0

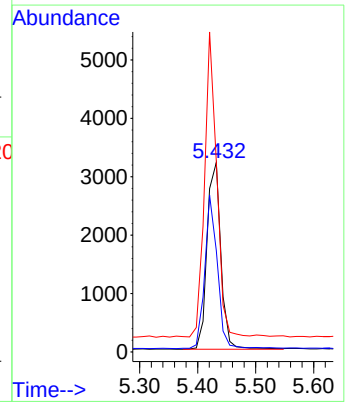




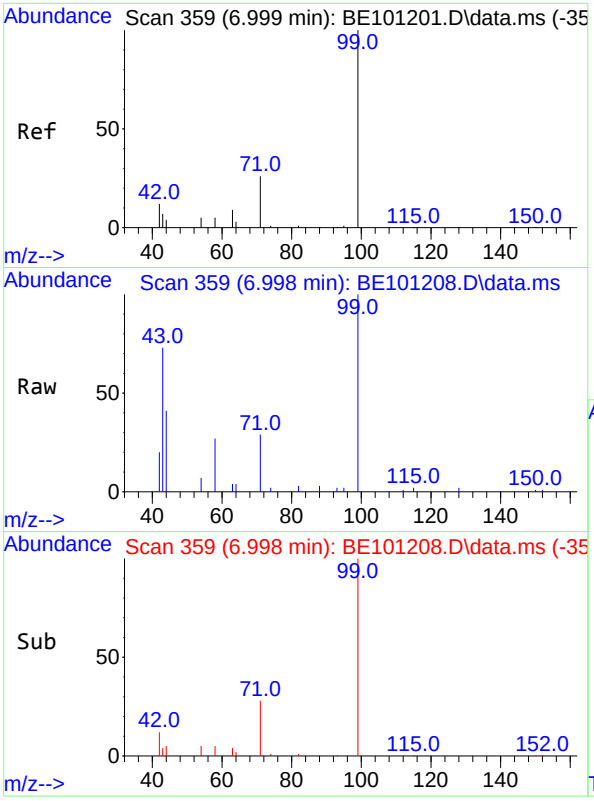
#4
2-Fluorophenol
Concen: 0.41 ng
RT: 5.432 min Scan# 223
Delta R.T. 0.011 min
Lab File: BE101208.D
Acq: 5 Apr 2021 23:56

Tgt Ion:112 Resp: 5280

Ion	Ratio	Lower	Upper
112	100		
64	74.3	61.5	92.3
63	144.7	120.2	180.4



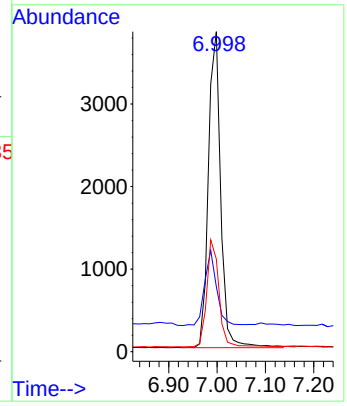
Instrument :
BNA_E
ClientSampleId :
PB130971BL

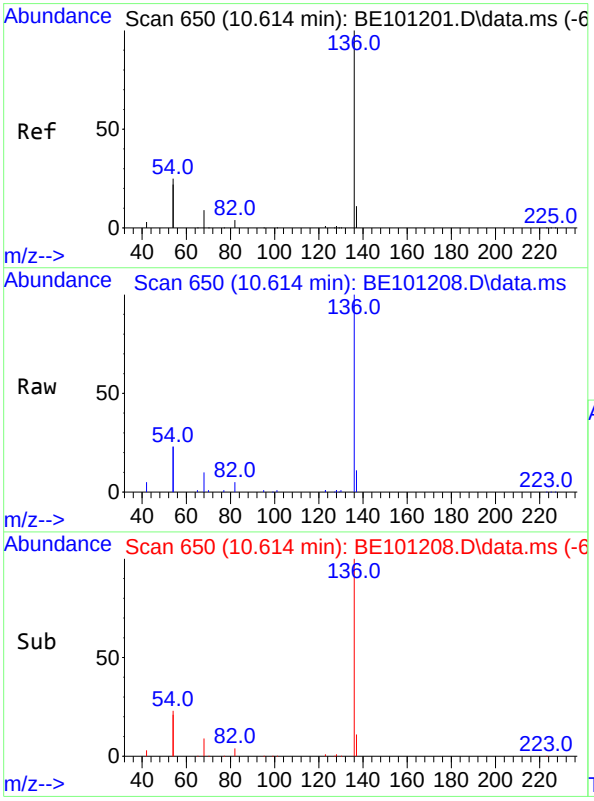


#5
Phenol-d6
Concen: 0.35 ng
RT: 6.998 min Scan# 359
Delta R.T. -0.000 min
Lab File: BE101208.D
Acq: 5 Apr 2021 23:56

Tgt Ion: 99 Resp: 6760

Ion	Ratio	Lower	Upper
99	100		
42	23.3	18.7	28.1
71	33.9	26.6	40.0

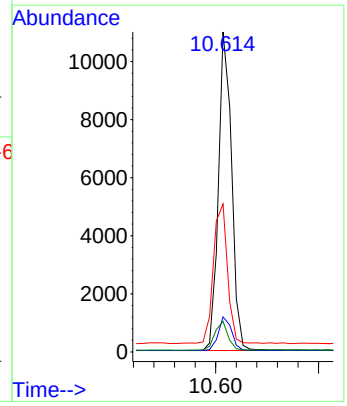


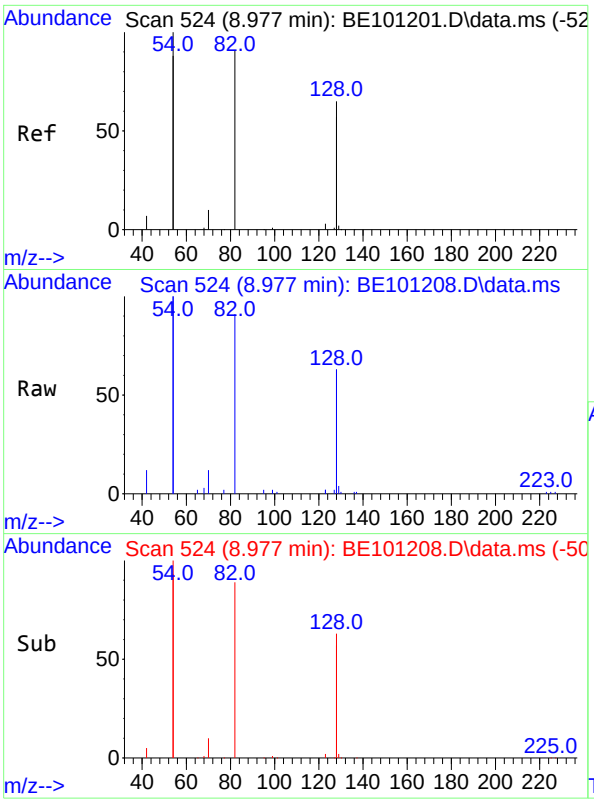


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.614 min Scan# 650
Delta R.T. -0.000 min
Lab File: BE101208.D
Acq: 5 Apr 2021 23:56

Tgt Ion:136 Resp: 19563

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	46.2	40.3	60.5
68	9.5	7.9	11.9

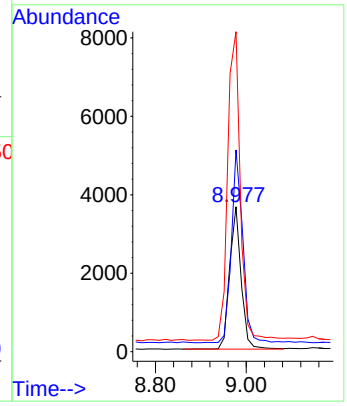




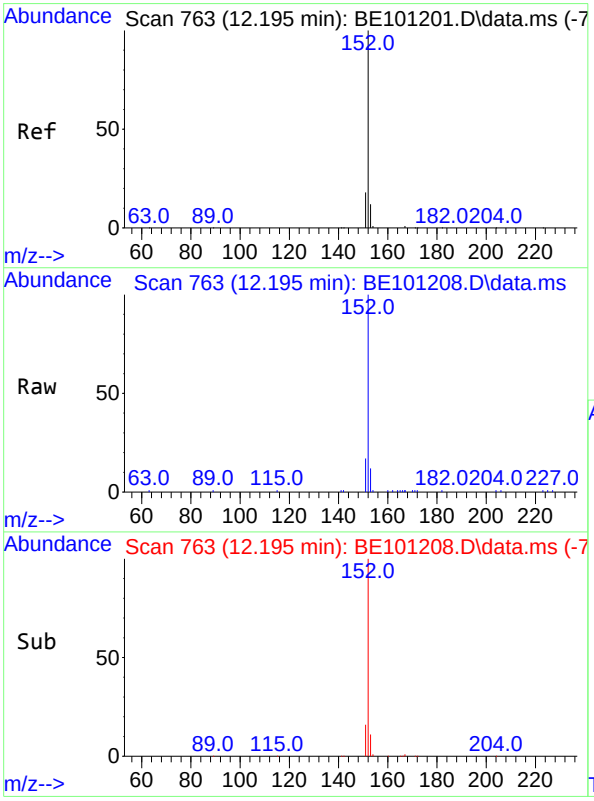
#8
Nitrobenzene-d5
Concen: 0.41 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.000 min
Lab File: BE101208.D
Acq: 5 Apr 2021 23:56

Tgt Ion: 82 Resp: 6368

Ion	Ratio	Lower	Upper
82	100		
128	139.2	110.4	165.6
54	220.8	170.7	256.1



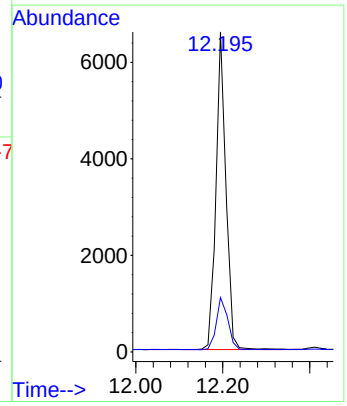
Instrument :
BNA_E
ClientSampleId :
PB130971BL



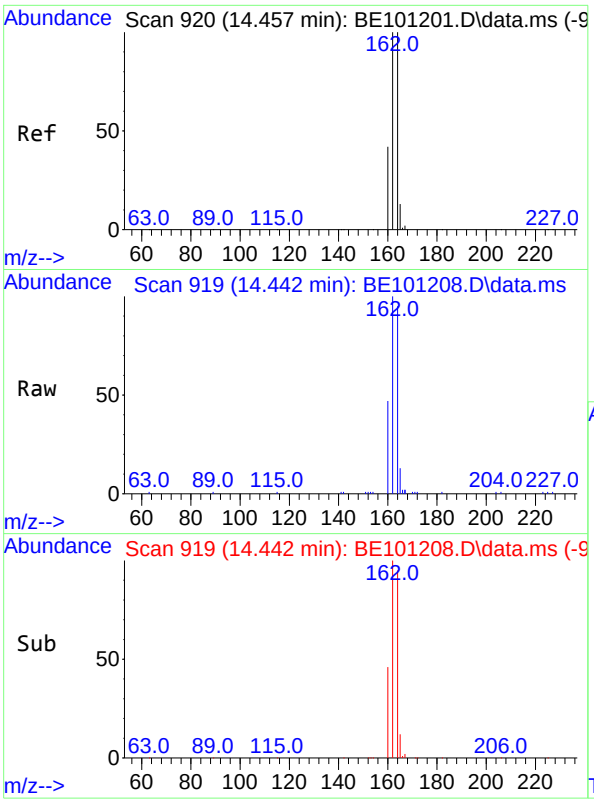
#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 12.195 min Scan# 763
Delta R.T. -0.000 min
Lab File: BE101208.D
Acq: 5 Apr 2021 23:56

Tgt Ion:152 Resp: 10467

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.6	24.8



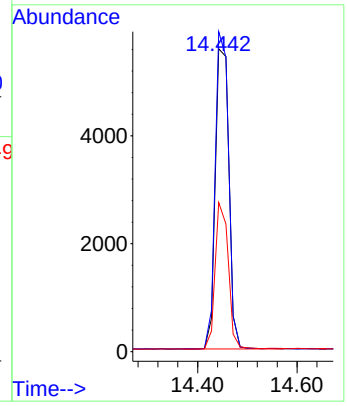
Instrument :
BNA_E
ClientSampleId :
PB130971BL

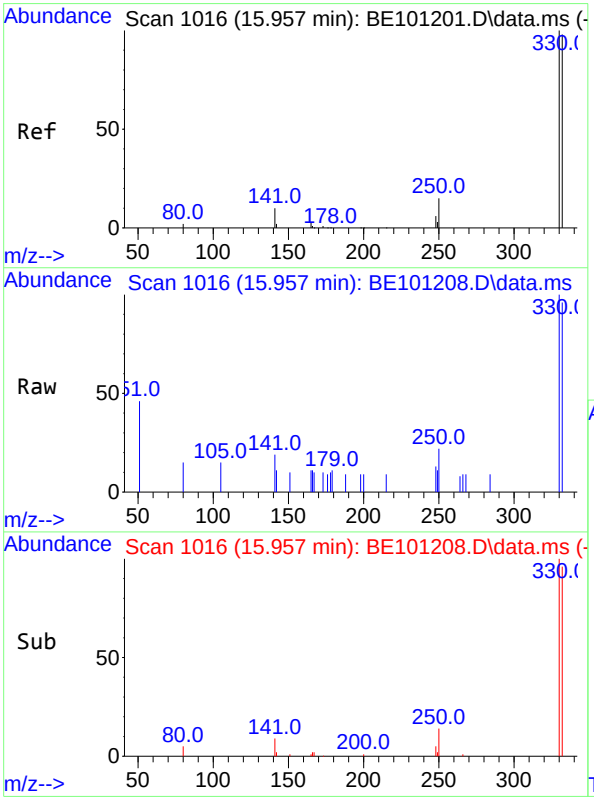


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.442 min Scan# 919
Delta R.T. -0.015 min
Lab File: BE101208.D
Acq: 5 Apr 2021 23:56

Tgt Ion:164 Resp: 10595

Ion	Ratio	Lower	Upper
164	100		
162	105.6	80.0	120.0
160	49.2	34.1	51.1

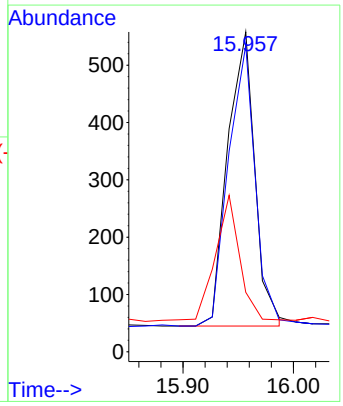




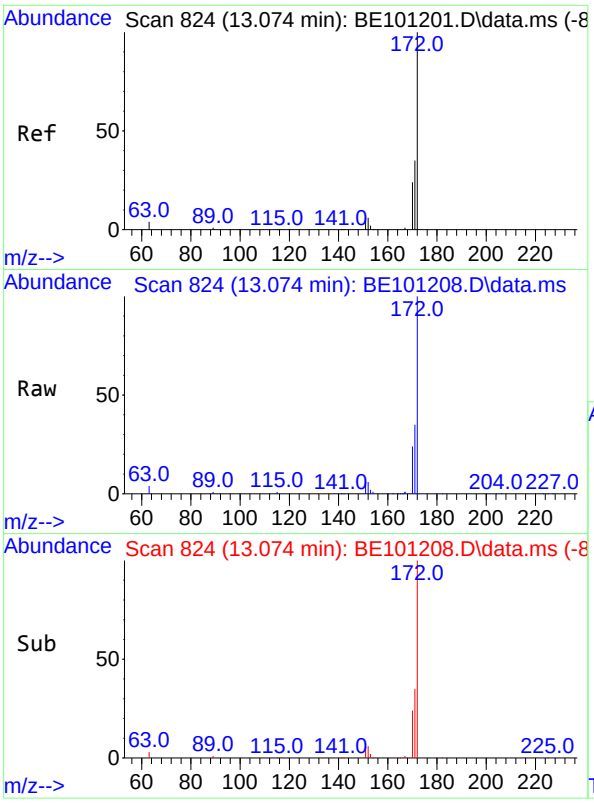
#14
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.957 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BE101208.D
Acq: 5 Apr 2021 23:56

Tgt Ion:330 Resp: 877

Ion	Ratio	Lower	Upper
330	100		
332	94.3	75.8	113.8
141	39.1	30.5	45.7



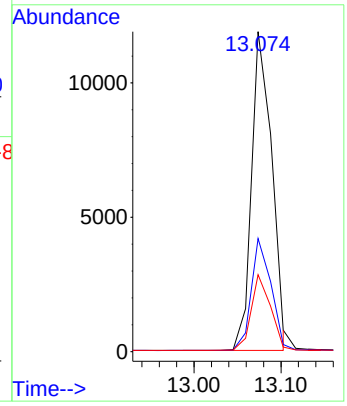
Instrument :
BNA_E
ClientSampleId :
PB130971BL

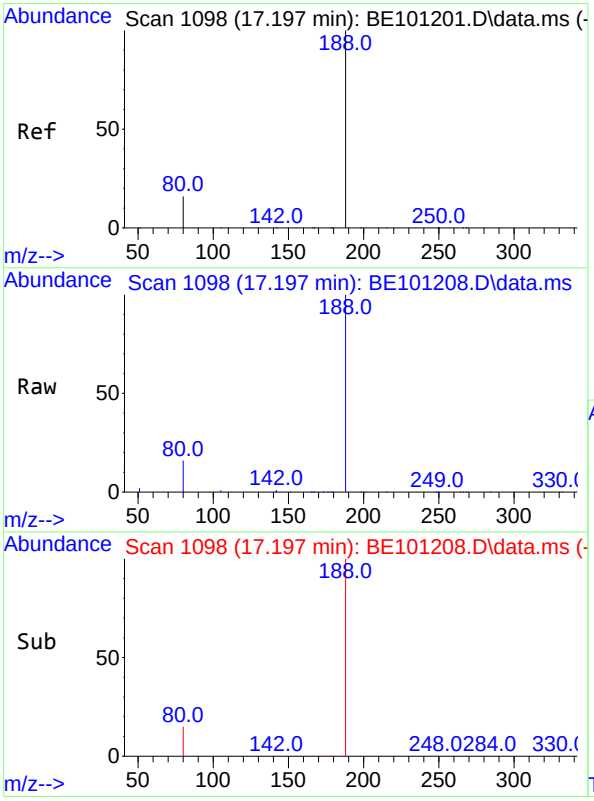


#15
2-Fluorobiphenyl
Concen: 0.50 ng
RT: 13.074 min Scan# 824
Delta R.T. -0.000 min
Lab File: BE101208.D
Acq: 5 Apr 2021 23:56

Tgt Ion:172 Resp: 19247

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.4	42.6
170	24.1	19.5	29.3

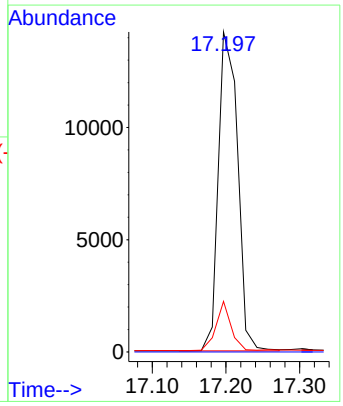




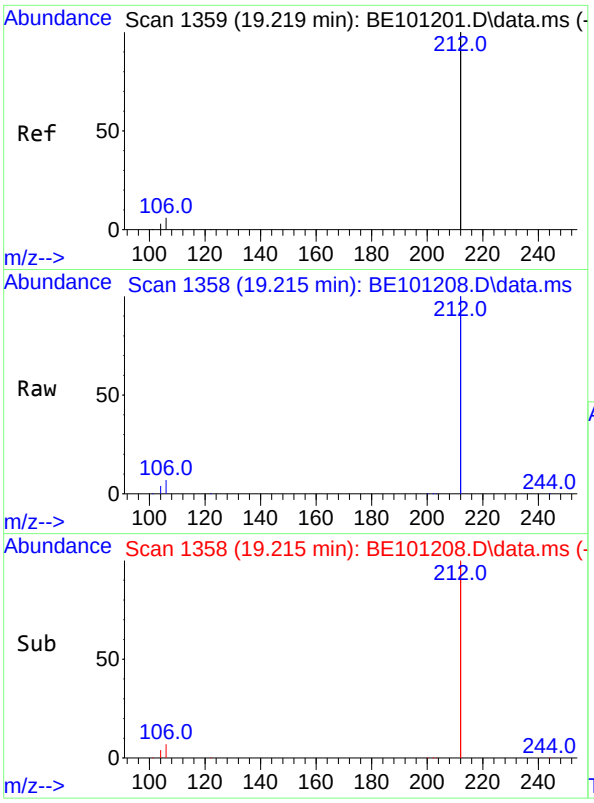
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.197 min Scan# 1098
Delta R.T. -0.000 min
Lab File: BE101208.D
Acq: 5 Apr 2021 23:56

Tgt Ion:188 Resp: 25846

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.8	12.9	19.3



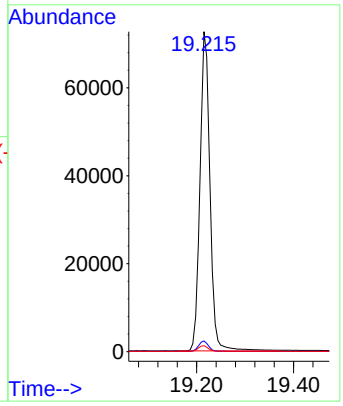
Instrument :
BNA_E
ClientSampleId :
PB130971BL

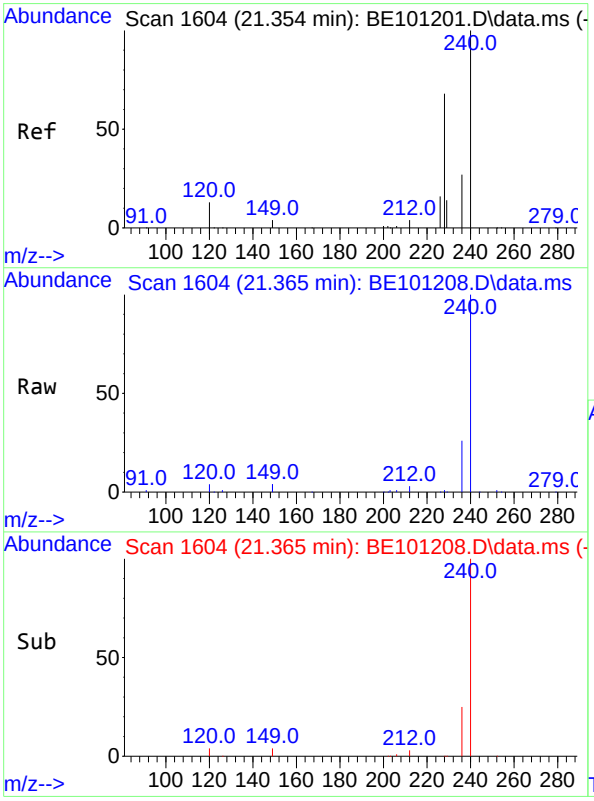


#27
Fluoranthene-d10
Concen: 0.23 ng
RT: 19.215 min Scan# 1358
Delta R.T. -0.004 min
Lab File: BE101208.D
Acq: 5 Apr 2021 23:56

Tgt Ion:212 Resp: 103667

Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.7	4.1
104	1.8	1.4	2.2

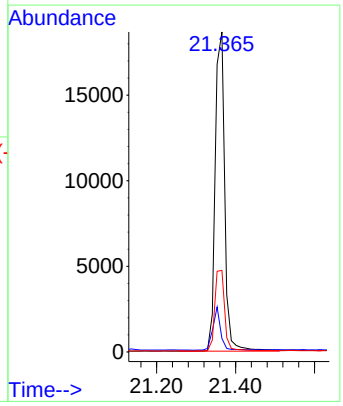




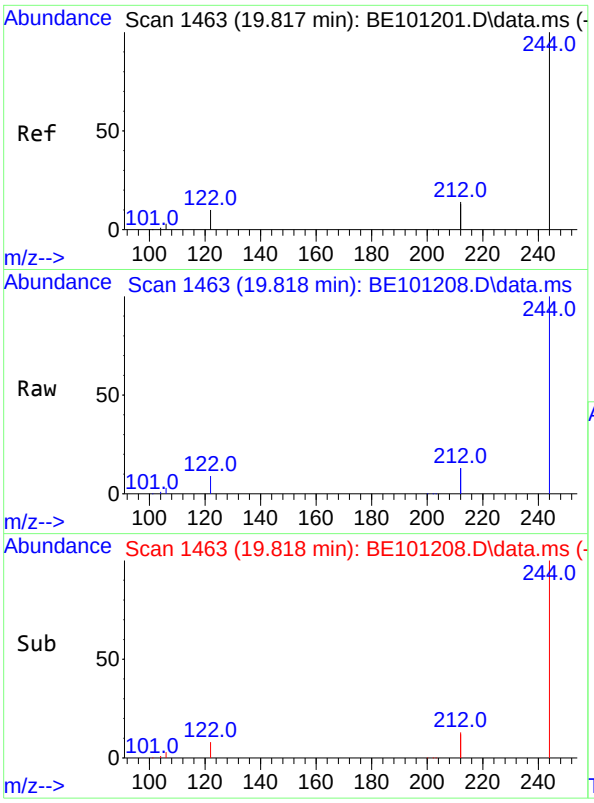
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.365 min Scan# 1604
Delta R.T. 0.011 min
Lab File: BE101208.D
Acq: 5 Apr 2021 23:56

Tgt Ion:240 Resp: 31092

Ion	Ratio	Lower	Upper
240	100		
120	4.2	10.5	15.7#
236	25.5	21.8	32.8



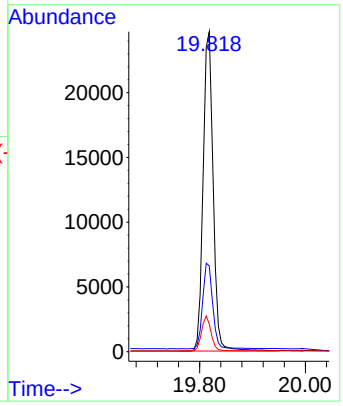
Instrument :
BNA_E
ClientSampleId :
PB130971BL

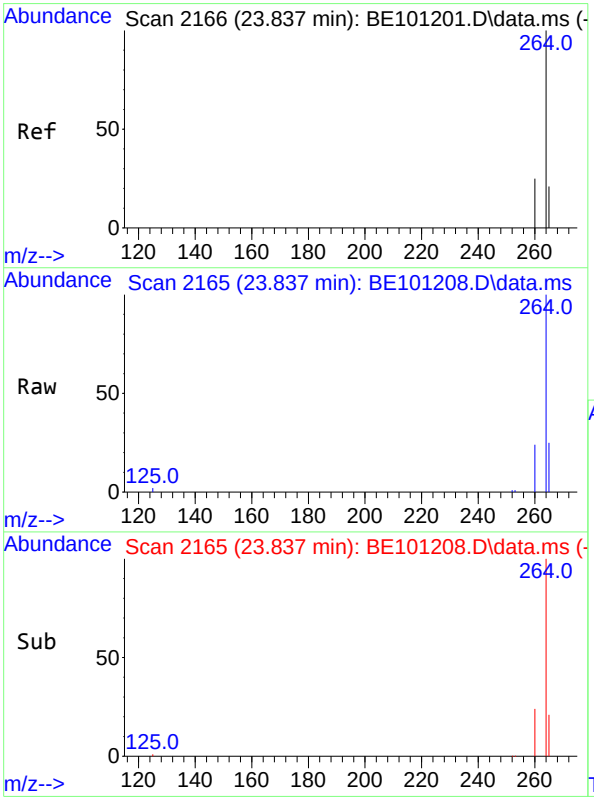


#31
Terphenyl-d14
Concen: 0.46 ng
RT: 19.818 min Scan# 1463
Delta R.T. 0.002 min
Lab File: BE101208.D
Acq: 5 Apr 2021 23:56

Tgt Ion:244 Resp: 32487

Ion	Ratio	Lower	Upper
244	100		
212	26.8	22.4	33.6
122	8.6	7.8	11.8





#36
Perylene-d12
Concen: 0.40 ng
RT: 23.837 min Scan# 2165
Delta R.T. -0.001 min
Lab File: BE101208.D
Acq: 5 Apr 2021 23:56

Tgt Ion:264 Resp: 40155

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	24.7	21.4	32.0