Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
Data File : BM028586.D
Acq On : 28 Jan 2021 14:18
Operator : CG/JU
Sample : M1249-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 8

Quant Time: Jan 28 15:12:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 27 13:20:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	32334	20.00	ng	0.00
21) Naphthalene-d8	10.780	136	126173	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	68477	20.00	ng	-0.01
64) Phenanthrene-d10	17.345	188	132202	20.00	ng	# 0.00
76) Chrysene-d12	21.480	240	118949	20.00	ng	# 0.00
86) Perylene-d12	23.750	264	121684	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	172600	84.32	ng	-0.02
7) Phenol-d6	7.157	99	216987	77.86	ng	-0.03
23) Nitrobenzene-d5	9.139	82	134356	50.51	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	68239	75.21	ng	-0.01
45) 2-Fluorobiphenyl	13.233	172	244779	44.85	ng	0.00
79) Terphenyl-d14	19.939	244	278154	42.23	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.186	94	5878	2.24	ng	86

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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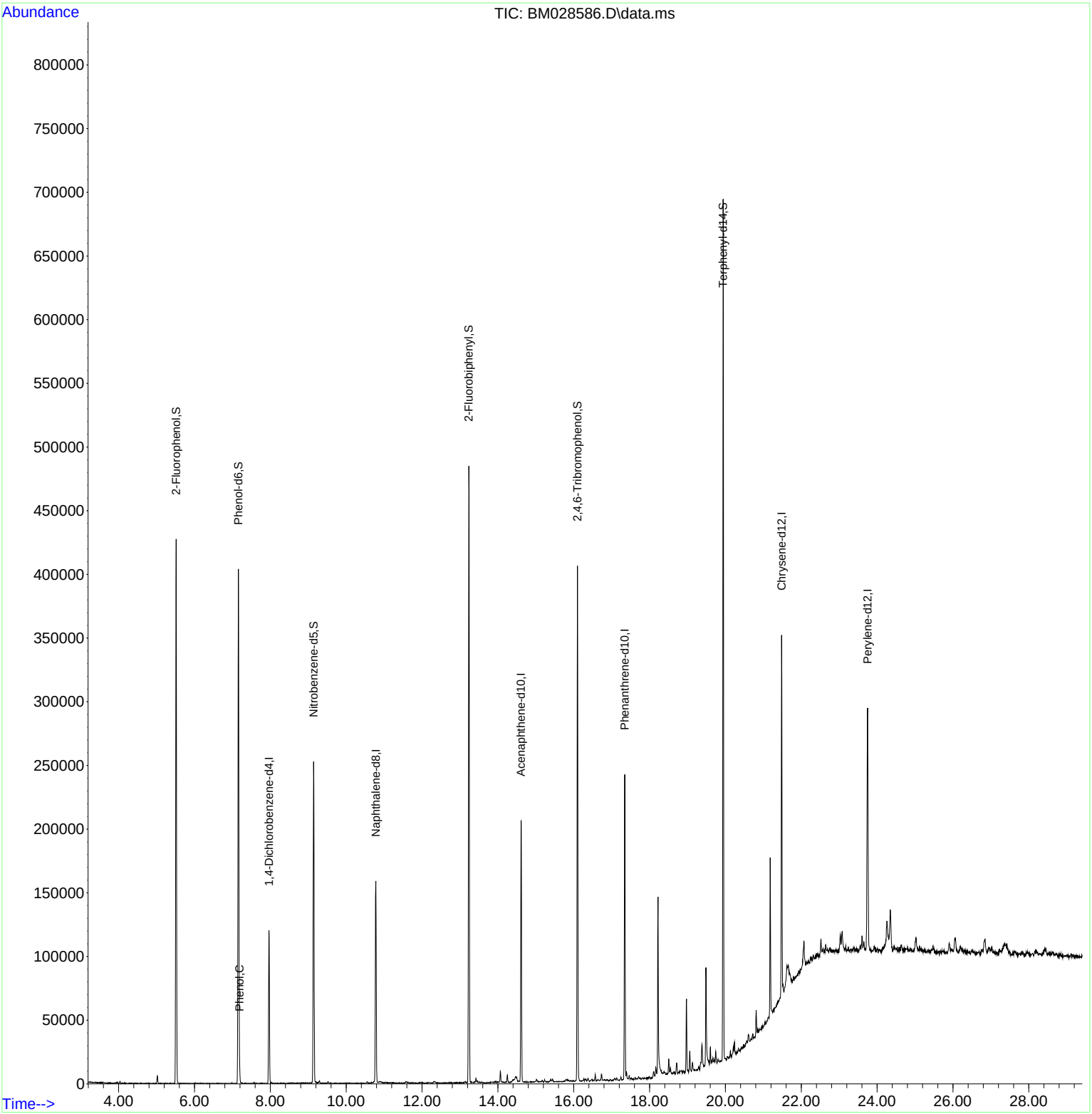

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BNA_M
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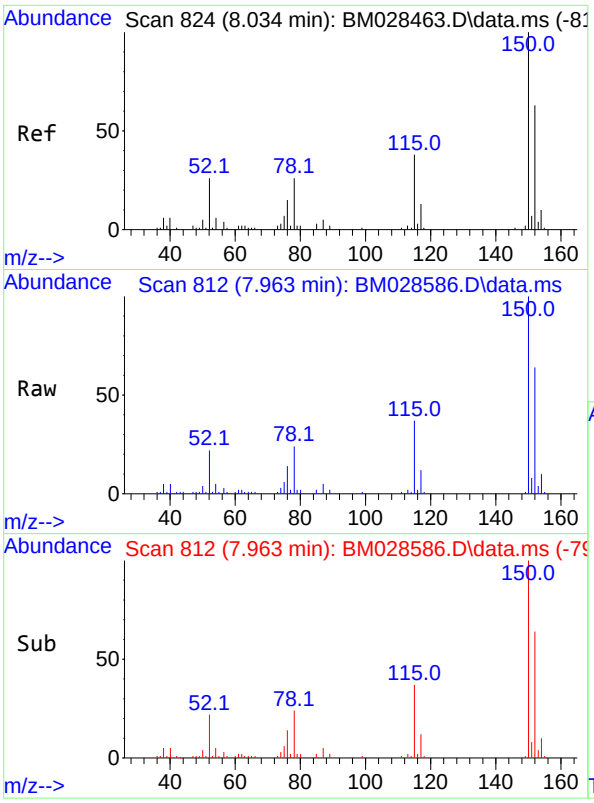
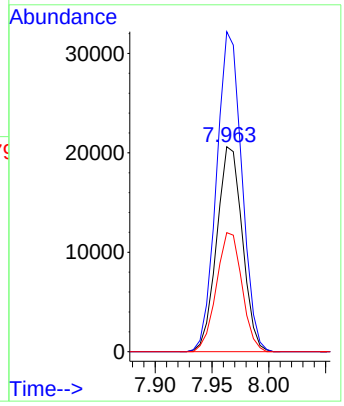
8

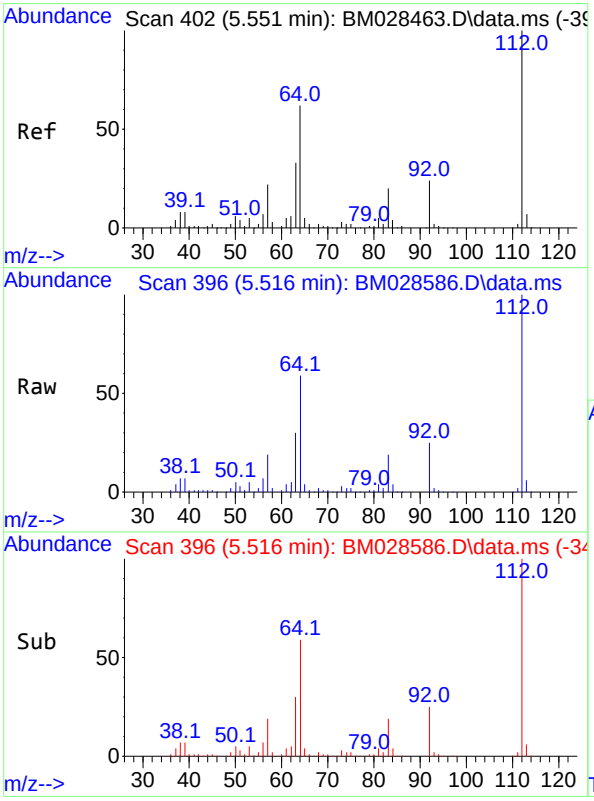


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.963 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM028586.D
Acq: 28 Jan 2021 14:18

Tgt Ion:152 Resp: 32334

Ion	Ratio	Lower	Upper
152	100		
150	156.2	120.6	181.0
115	58.1	47.2	70.8

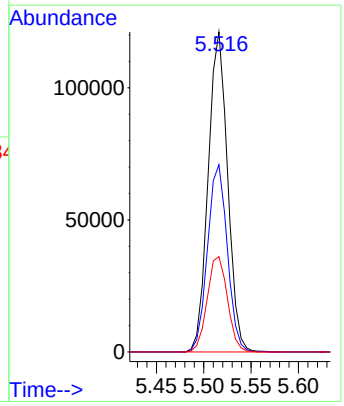




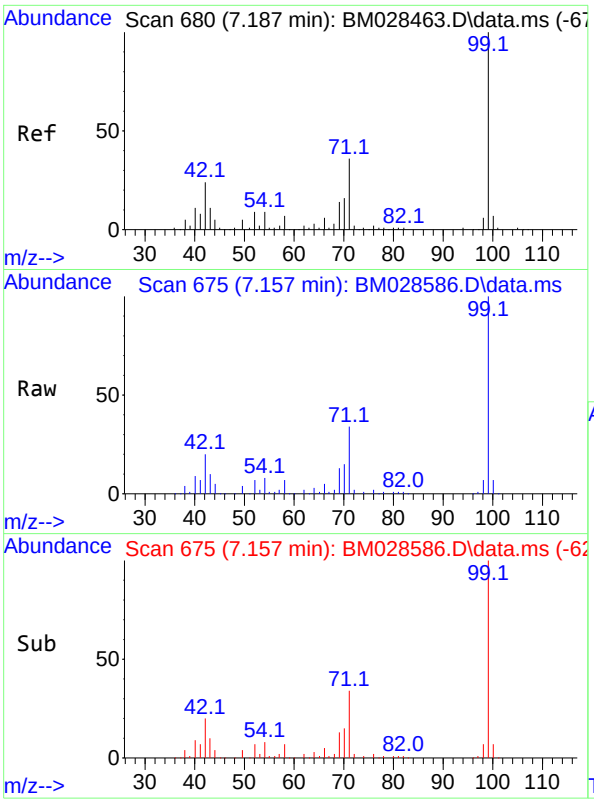
#5
2-Fluorophenol
Concen: 84.32 ng
RT: 5.516 min Scan# 396
Delta R.T. -0.018 min
Lab File: BM028586.D
Acq: 28 Jan 2021 14:18

Tgt Ion:112 Resp: 172600

Ion	Ratio	Lower	Upper
112	100		
64	58.5	50.6	76.0
63	29.8	31.0	46.6#



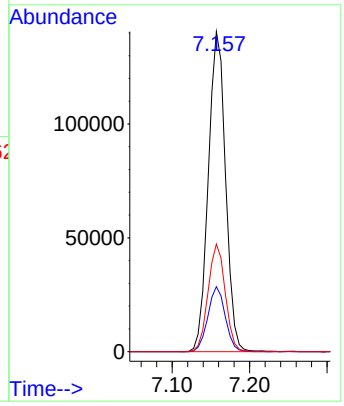
Instrument :
BNA_M
ClientSampleId :
8

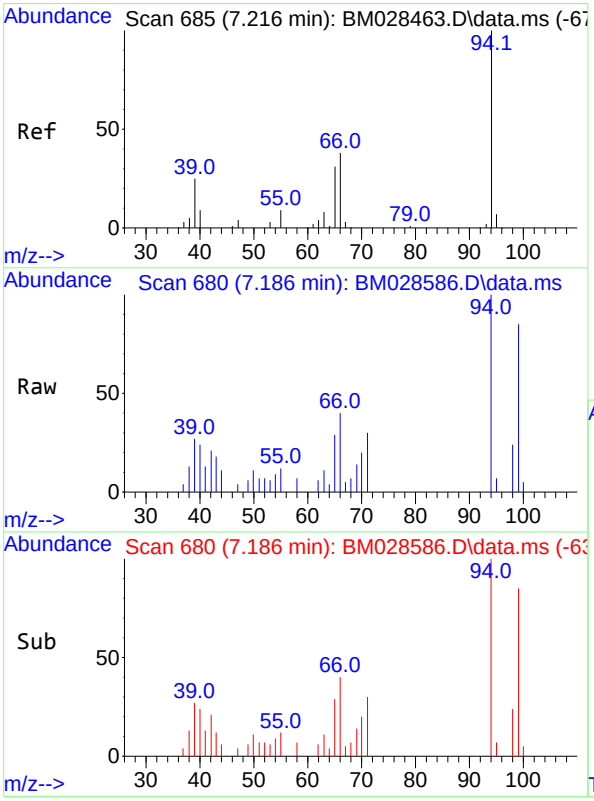


#7
Phenol-d6
Concen: 77.86 ng
RT: 7.157 min Scan# 675
Delta R.T. -0.030 min
Lab File: BM028586.D
Acq: 28 Jan 2021 14:18

Tgt Ion: 99 Resp: 216987

Ion	Ratio	Lower	Upper
99	100		
42	20.3	13.5	20.3#
71	33.7	39.4	59.0#

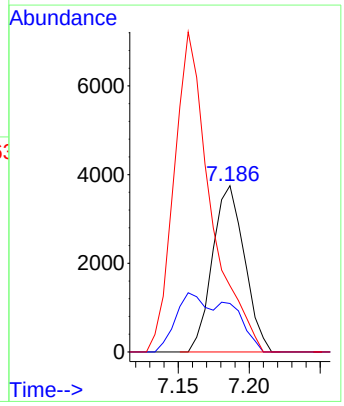


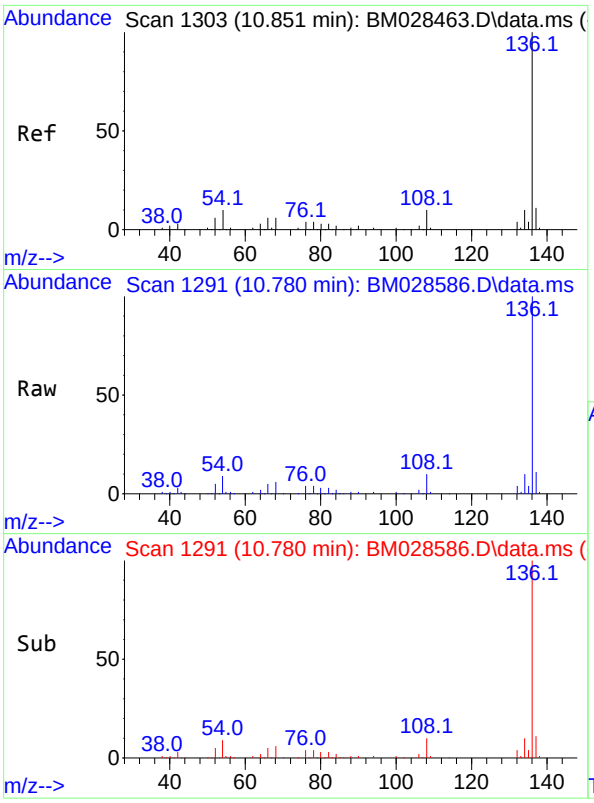


#10
Phenol
Concen: 2.24 ng
RT: 7.186 min Scan# 680
Delta R.T. -0.024 min
Lab File: BM028586.D
Acq: 28 Jan 2021 14:18

Tgt Ion: 94 Resp: 5878

Ion	Ratio	Lower	Upper
94	100		
65	29.2	16.4	56.4
66	39.9	30.2	70.2

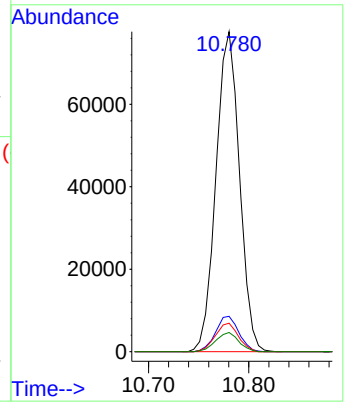




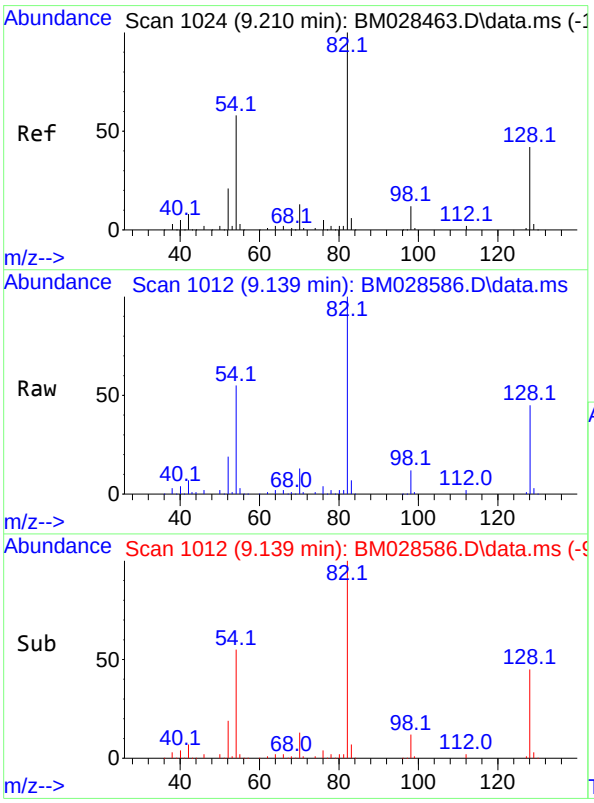
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.780 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM028586.D
Acq: 28 Jan 2021 14:18

Tgt Ion:136 Resp: 126173

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.9	4.6	7.0#
68	6.0	4.1	6.1



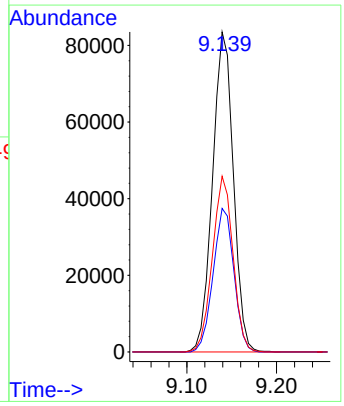
Instrument :
BNA_M
ClientSampleId :
8



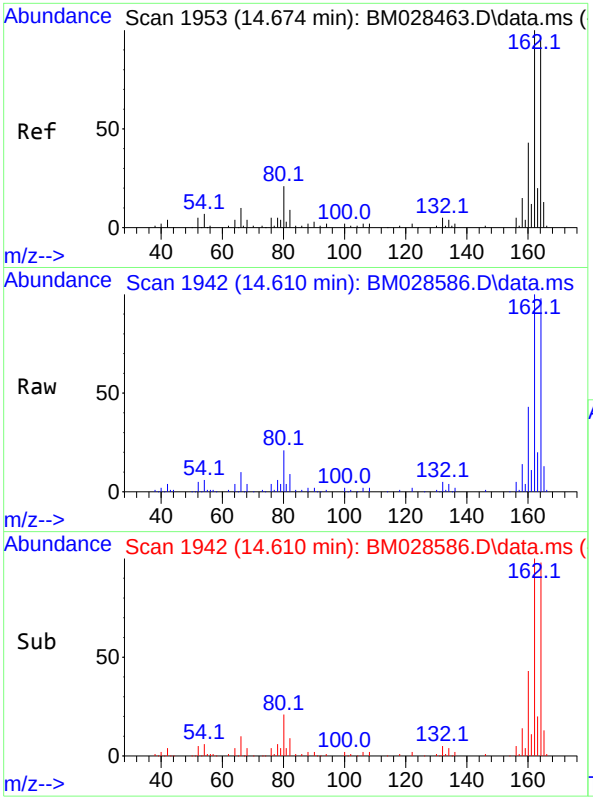
#23
Nitrobenzene-d5
Concen: 50.51 ng
RT: 9.139 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BM028586.D
Acq: 28 Jan 2021 14:18

Tgt Ion: 82 Resp: 134356

Ion	Ratio	Lower	Upper
82	100		
128	44.9	27.4	41.0#
54	54.9	31.4	47.0#



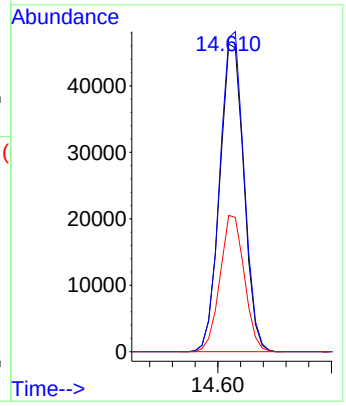
Instrument :
BNA_M
ClientSampleId :
8

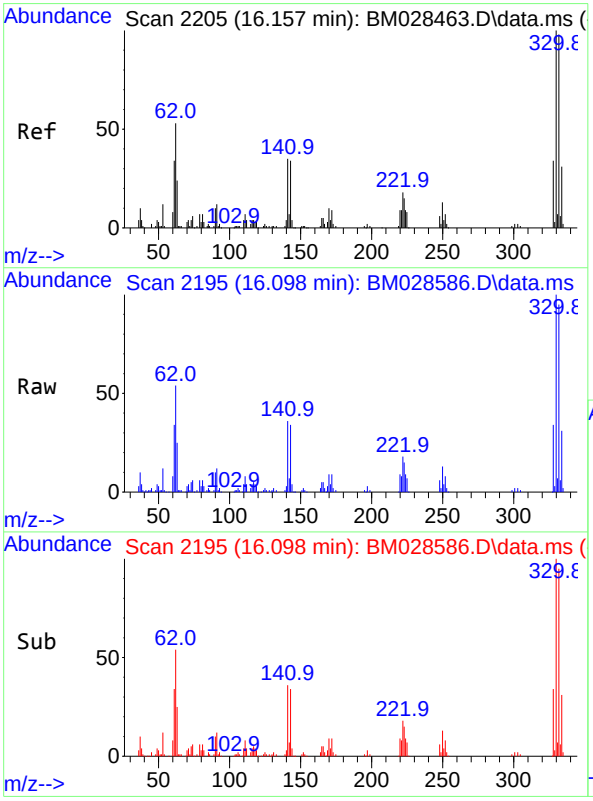


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM028586.D
Acq: 28 Jan 2021 14:18

Tgt Ion:164 Resp: 68477

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.4	120.6
160	44.3	35.9	53.9

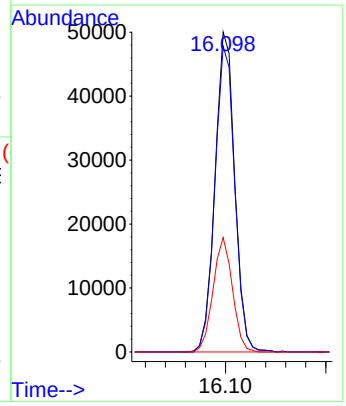


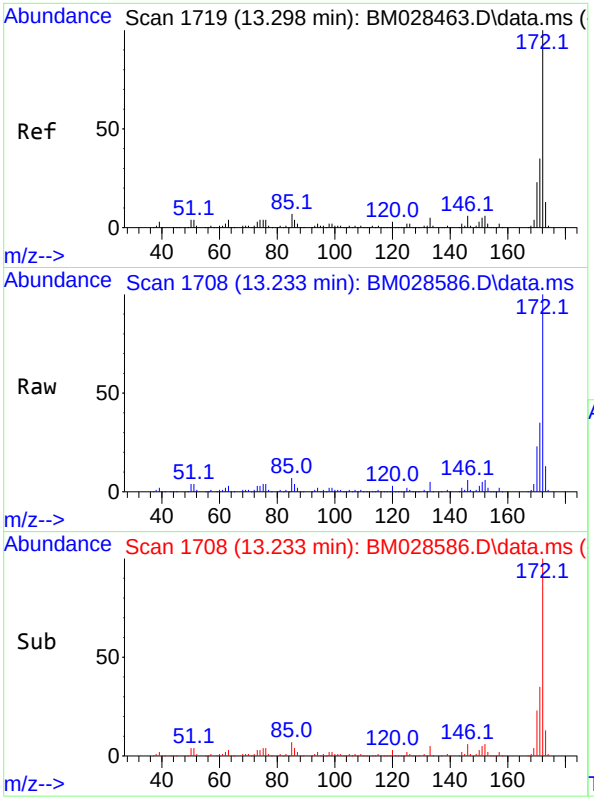


#42
2,4,6-Tribromophenol
Concen: 75.21 ng
RT: 16.098 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM028586.D
Acq: 28 Jan 2021 14:18

Tgt Ion:330 Resp: 68239

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.8	116.8
141	35.1	28.4	42.6

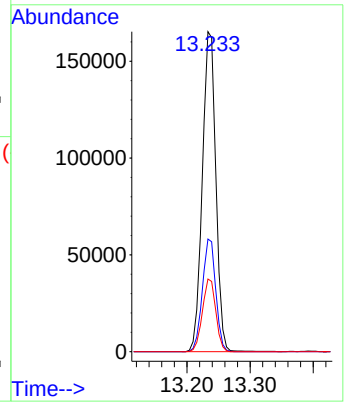




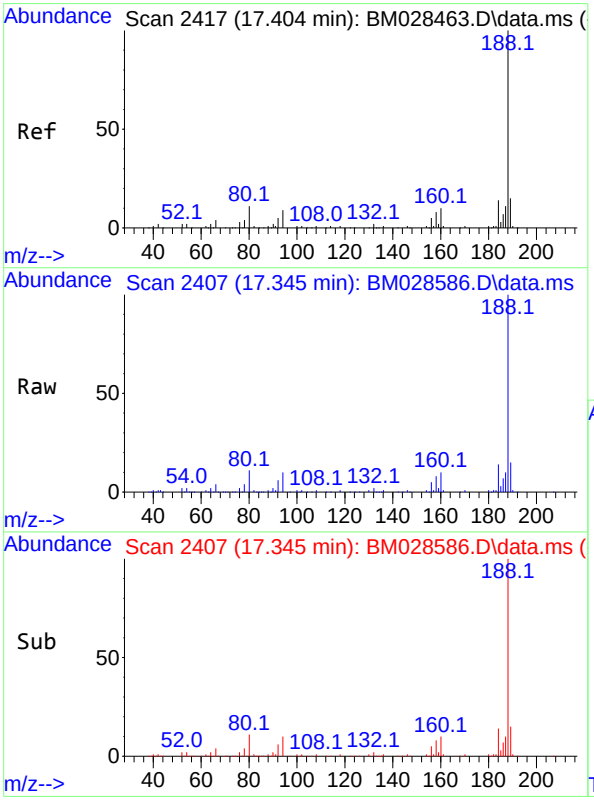
#45
2-Fluorobiphenyl
Concen: 44.85 ng
RT: 13.233 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM028586.D
Acq: 28 Jan 2021 14:18

Tgt Ion:172 Resp: 244779

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.8
170	22.7	18.6	27.8



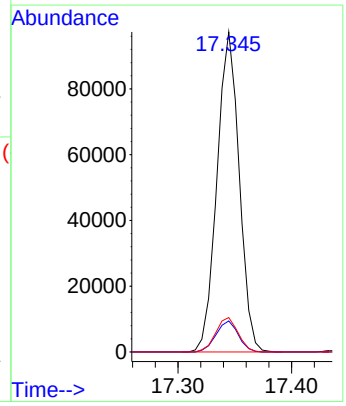
Instrument :
BNA_M
ClientSampleId :
8



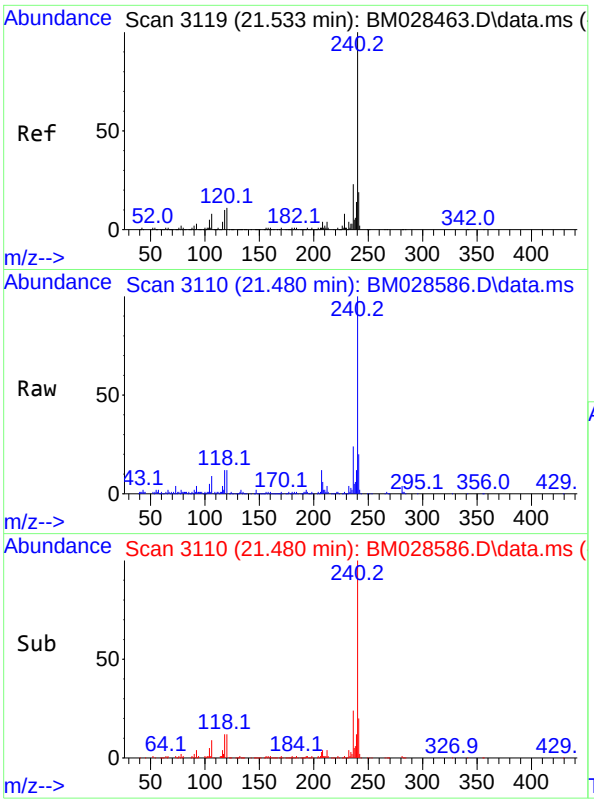
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM028586.D
Acq: 28 Jan 2021 14:18

Tgt Ion:188 Resp: 132202

Ion	Ratio	Lower	Upper
188	100		
94	9.7	6.2	9.4#
80	10.8	7.5	11.3



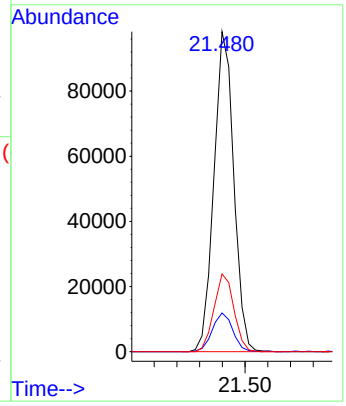
Instrument :
BNA_M
ClientSampleId :
8

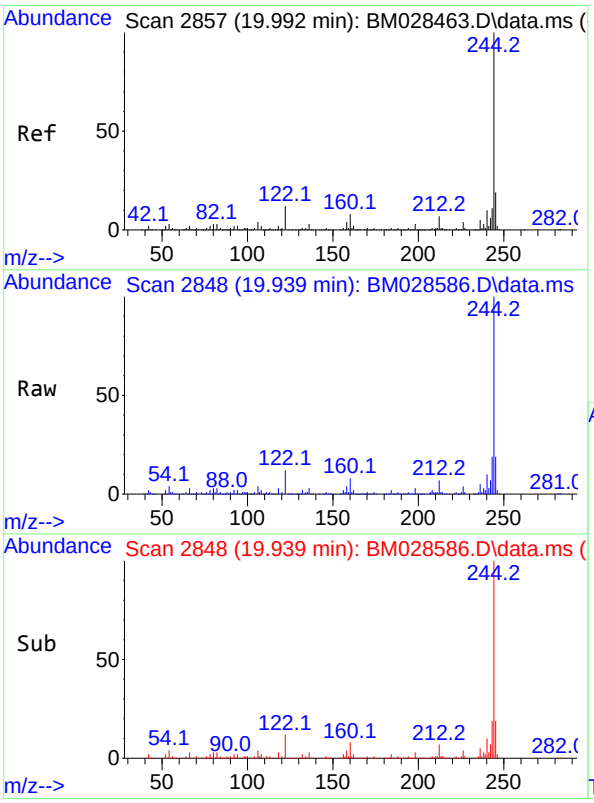


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.480 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM028586.D
Acq: 28 Jan 2021 14:18

Tgt Ion:240 Resp: 118949

Ion	Ratio	Lower	Upper
240	100		
120	12.1	6.4	9.6#
236	24.3	20.1	30.1

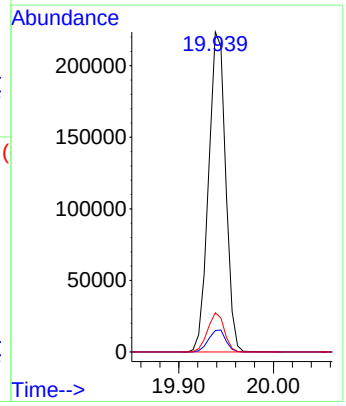


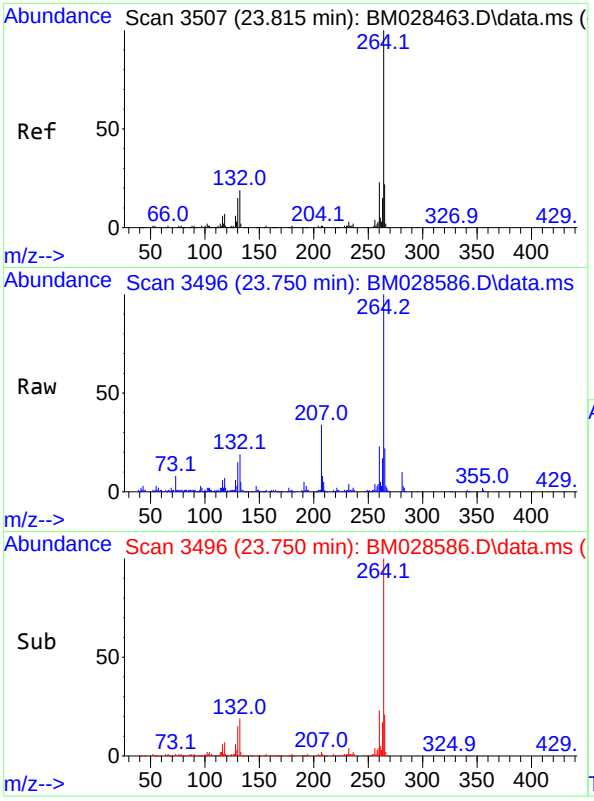


#79
Terphenyl-d14
Concen: 42.23 ng
RT: 19.939 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BM028586.D
Acq: 28 Jan 2021 14:18

Tgt Ion:244 Resp: 278154

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	12.3	6.5	9.7#

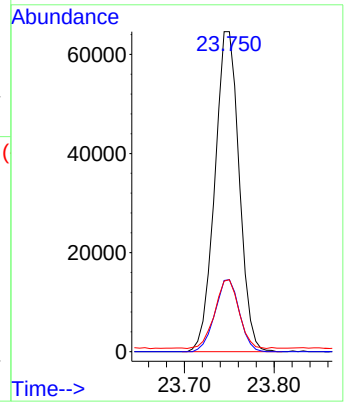




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.750 min Scan# 3496
Delta R.T. -0.000 min
Lab File: BM028586.D
Acq: 28 Jan 2021 14:18

Tgt Ion:264 Resp: 121684

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.0	28.4
265	22.5	17.7	26.5



Instrument :
BNA_M
ClientSampleId :
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