Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010522\
Data File : BM033656.D
Acq On : 05 Jan 2022 23:03
Operator : CG/JU
Sample : M5011-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

Quant Time: Jan 06 00:41:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 17:07:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.984	152	147466	20.000	ng	0.00
21) Naphthalene-d8	10.801	136	635791	20.000	ng	0.00
39) Acenaphthene-d10	14.619	164	438307	20.000	ng	0.00
64) Phenanthrene-d10	17.360	188	942565	20.000	ng	0.00
76) Chrysene-d12	21.518	240	1000727	20.000	ng	0.00
86) Perylene-d12	23.953	264	1011197	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	1339502	143.259	ng	0.00
7) Phenol-d6	7.137	99	1817769	144.246	ng	0.00
23) Nitrobenzene-d5	9.148	82	1274916	92.607	ng	0.00
42) 2,4,6-Tribromophenol	16.101	330	744864	162.706	ng	0.00
45) 2-Fluorobiphenyl	13.254	172	2772614	82.854	ng	0.00
79) Terphenyl-d14	19.971	244	4502960	80.994	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.131	77	67083	5.565	ng	# 1
10) Phenol	7.160	94	39817	3.143	ng	88
18) Hexachloroethane	9.107	117	89834	20.286	ng	# 1
22) Acetophenone	8.801	105	140864	8.261	ng	# 55
31) Naphthalene	10.854	128	584399	16.771	ng	98
37) 2-Methylnaphthalene	12.460	142	433789	18.422	ng	100
38) 1-Methylnaphthalene	12.678	142	203811	8.906	ng	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010522\
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Misc :
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HSB-5-(12.5-13)

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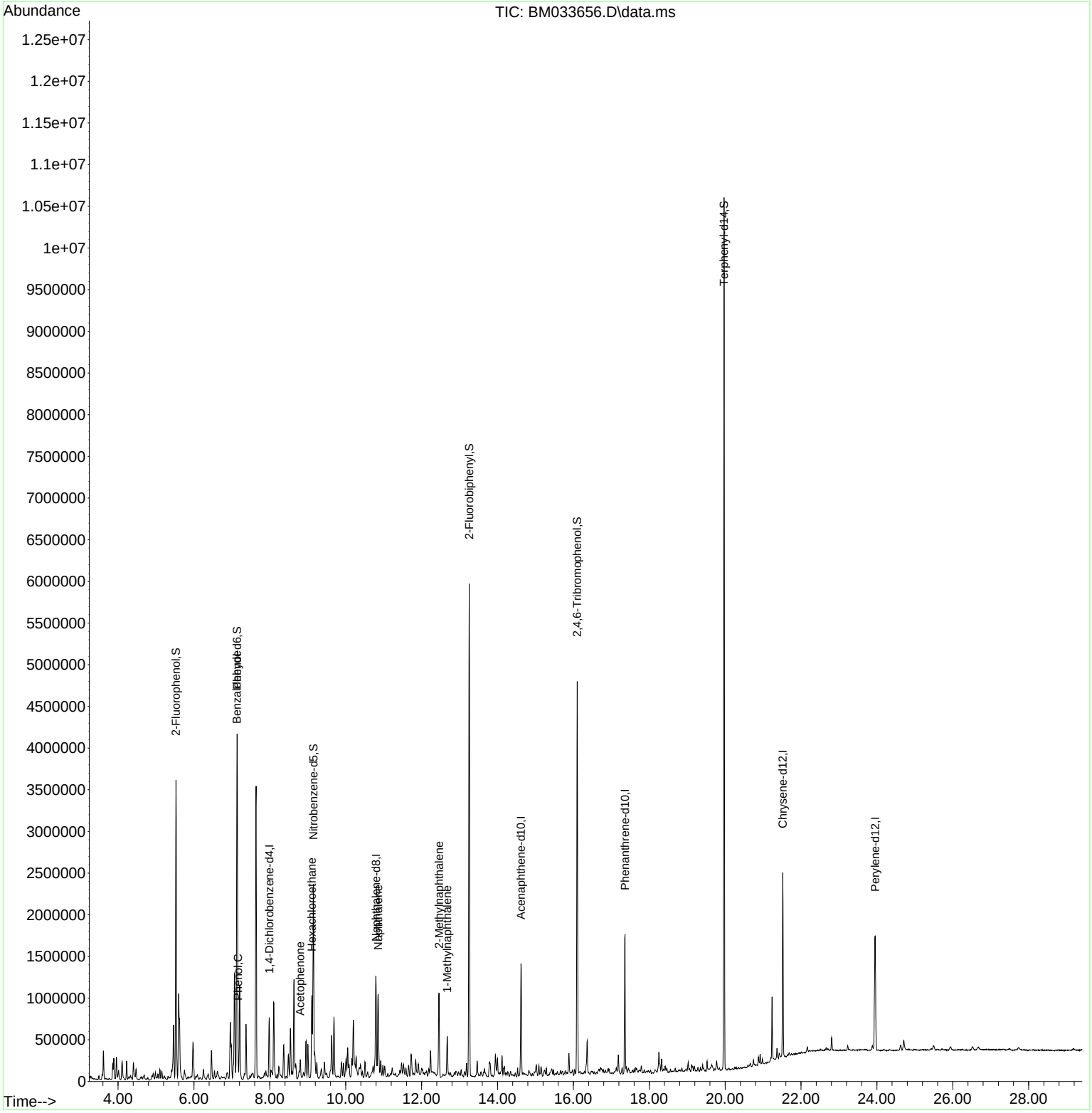
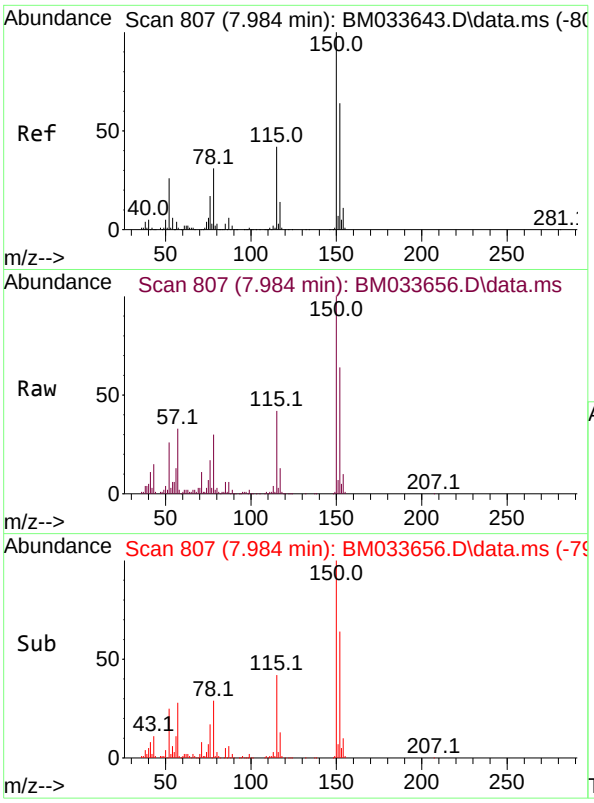


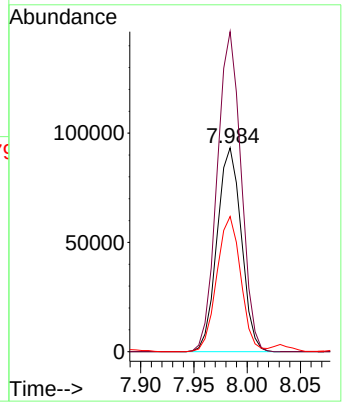


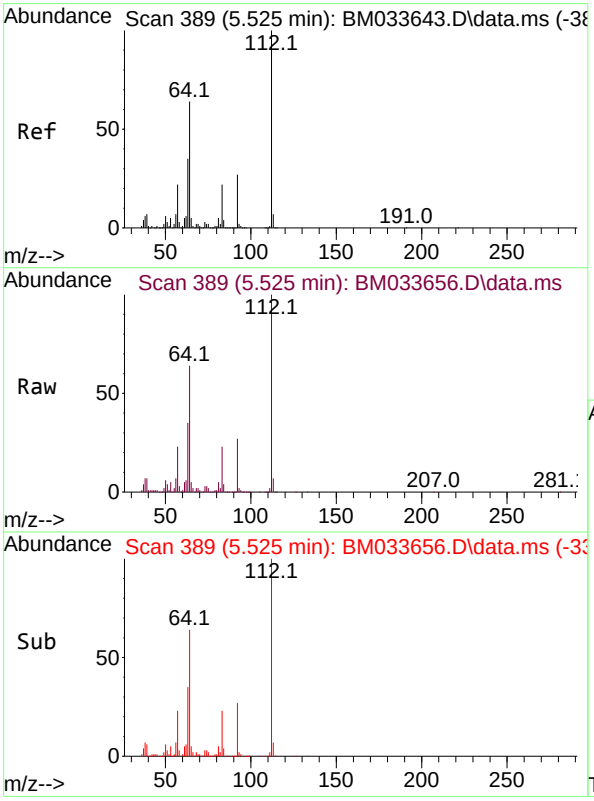
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.984 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM033656.D
Acq: 05 Jan 2022 23:03

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

Tgt Ion:152 Resp: 147466

Ion	Ratio	Lower	Upper
152	100		
150	157.0	128.9	193.3
115	66.3	53.0	79.6

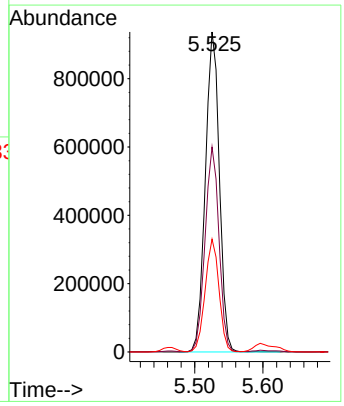


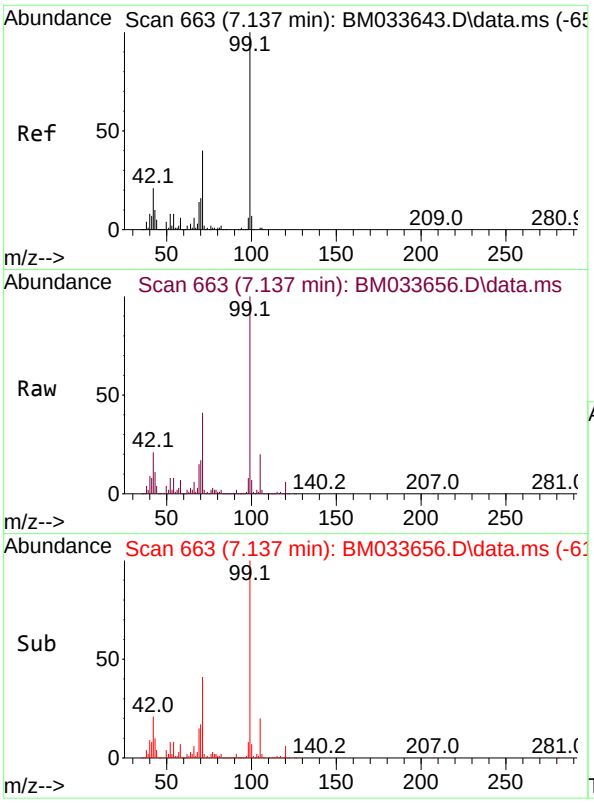


#5
2-Fluorophenol
Concen: 143.259 ng
RT: 5.525 min Scan# 389
Delta R.T. 0.000 min
Lab File: BM033656.D
Acq: 05 Jan 2022 23:03

Tgt Ion:112 Resp: 1339502

Ion	Ratio	Lower	Upper
112	100		
64	64.1	55.5	83.3
63	35.3	31.3	46.9



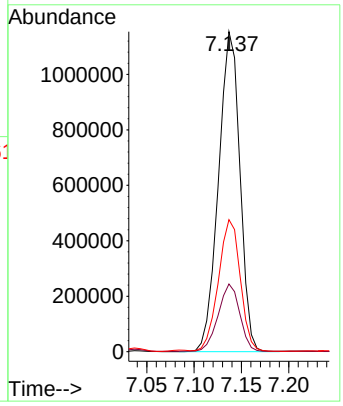


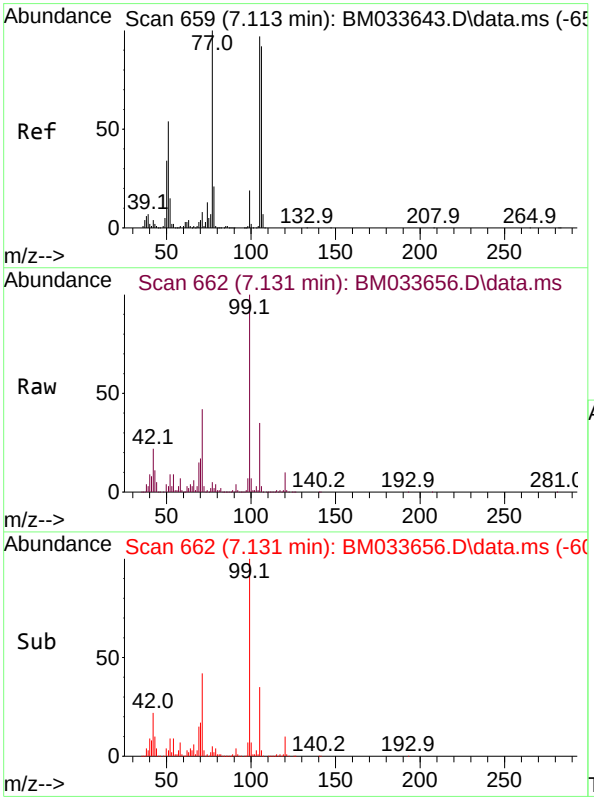
#7
Phenol-d6
Concen: 144.246 ng
RT: 7.137 min Scan# 6(
Delta R.T. 0.000 min
Lab File: BM033656.D
Acq: 05 Jan 2022 23:03

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

Tgt Ion: 99 Resp: 1817769

Ion	Ratio	Lower	Upper
99	100		
42	21.2	20.3	30.5
71	41.2	34.5	51.7

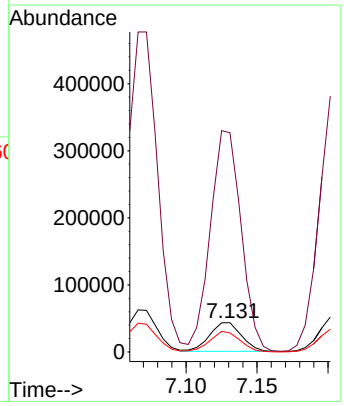


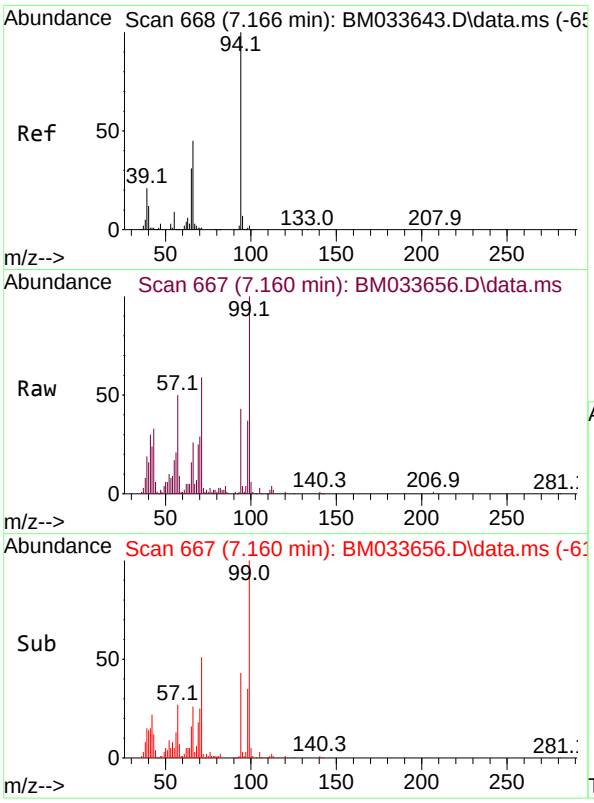


#9
Benzaldehyde
Concen: 5.565 ng
RT: 7.131 min Scan# 662
Delta R.T. 0.018 min
Lab File: BM033656.D
Acq: 05 Jan 2022 23:03

Tgt Ion: 77 Resp: 67083

Ion	Ratio	Lower	Upper
77	100		
105	748.7	67.1	107.1#
106	65.3	64.3	104.3



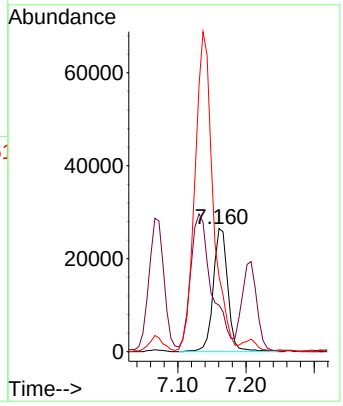


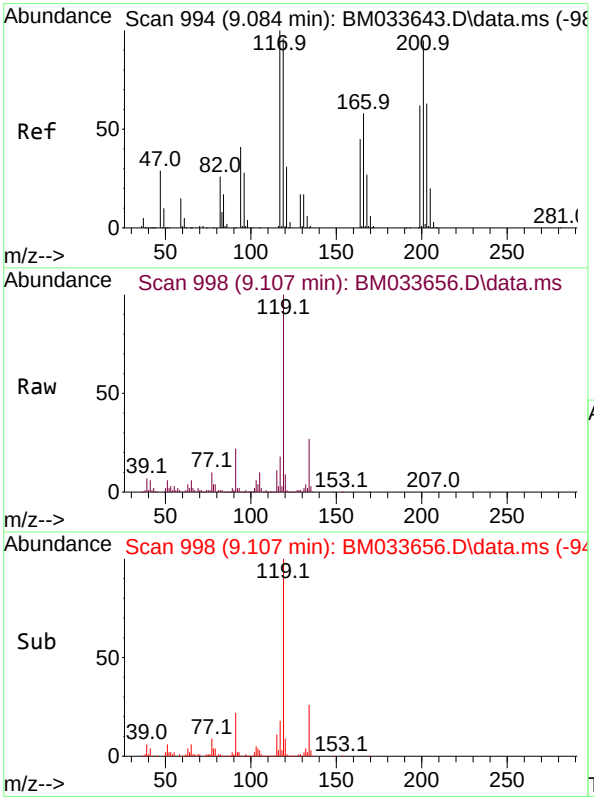
#10
Phenol
Concen: 3.143 ng
RT: 7.160 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM033656.D
Acq: 05 Jan 2022 23:03

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

Tgt Ion: 94 Resp: 39817

Ion	Ratio	Lower	Upper
94	100		
65	37.8	15.5	55.5
66	60.9	28.5	68.5

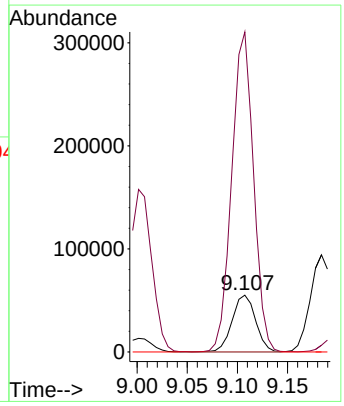


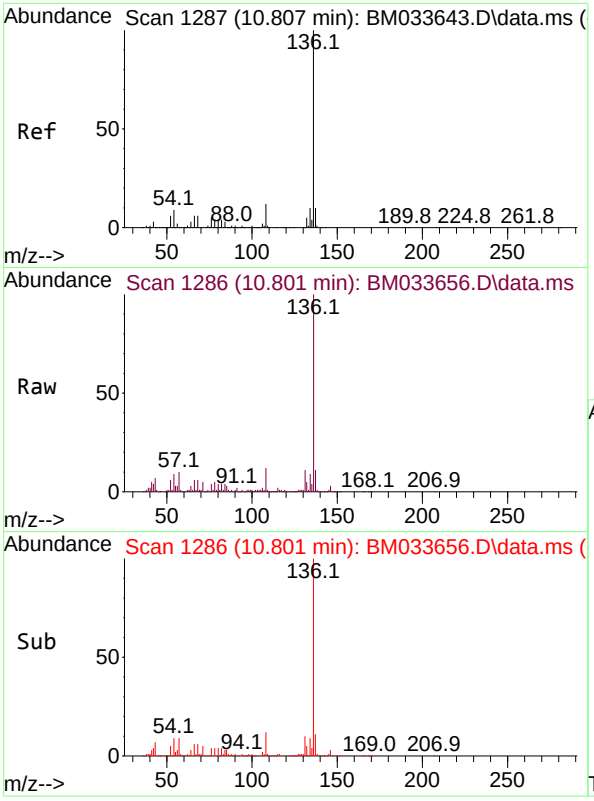


#18
Hexachloroethane
Concen: 20.286 ng
RT: 9.107 min Scan# 998
Delta R.T. 0.024 min
Lab File: BM033656.D
Acq: 05 Jan 2022 23:03

Tgt Ion:117 Resp: 89834

Ion	Ratio	Lower	Upper
117	100		
119	563.4	75.0	112.6#
201	0.0	75.2	112.8#



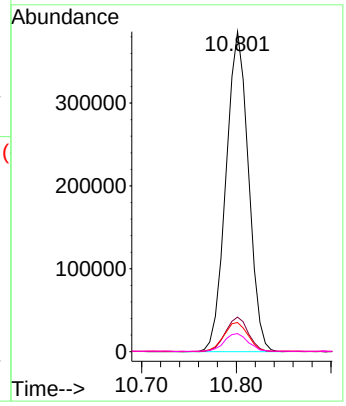


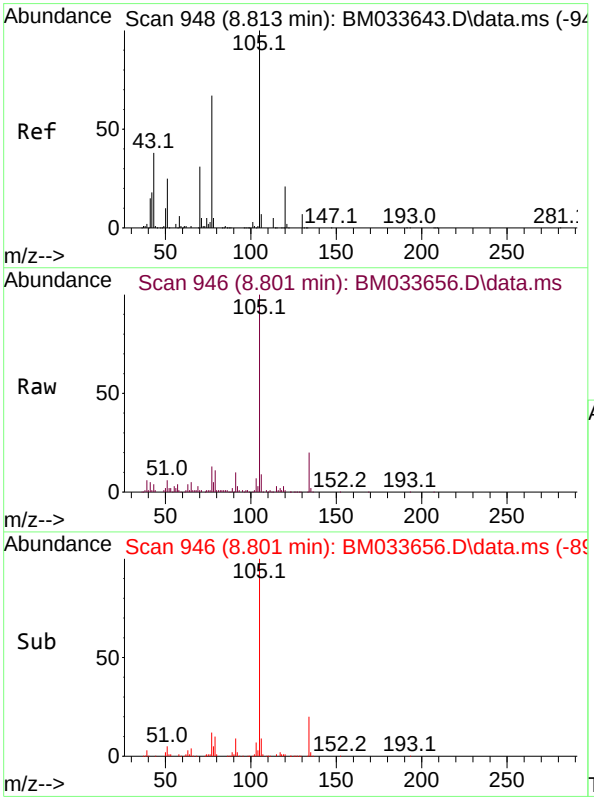
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.801 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033656.D
Acq: 05 Jan 2022 23:03

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

Tgt Ion:136 Resp: 635791

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.1	8.3	12.5
68	5.6	5.0	7.6

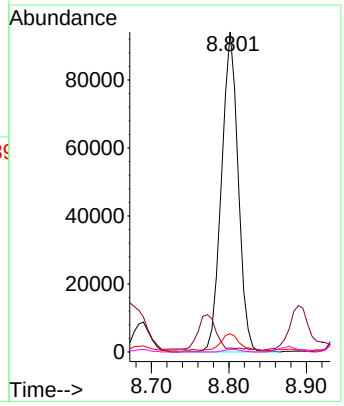


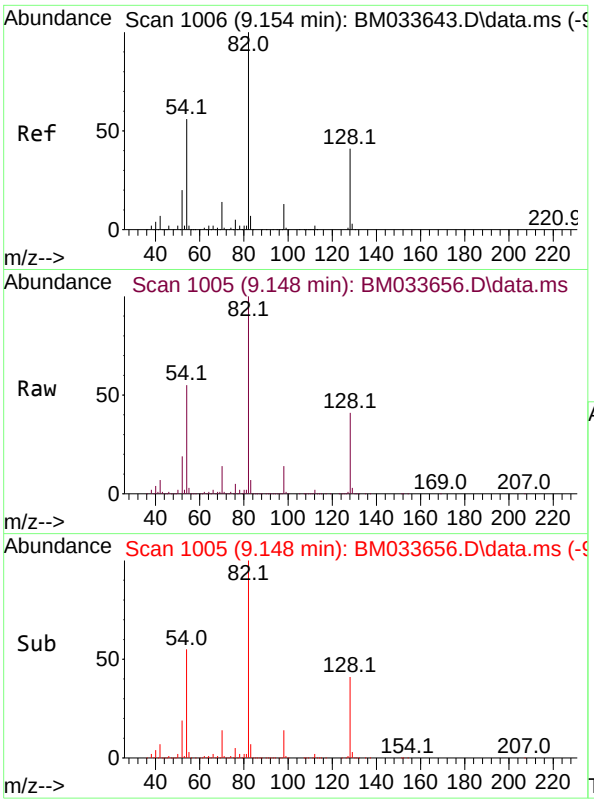


#22
Acetophenone
Concen: 8.261 ng
RT: 8.801 min Scan# 946
Delta R.T. -0.012 min
Lab File: BM033656.D
Acq: 05 Jan 2022 23:03

Tgt Ion:105 Resp: 140864

Ion	Ratio	Lower	Upper
105	100		
71	1.3	1.6	2.4#
51	5.7	27.7	41.5#
120	0.8	16.2	24.2#



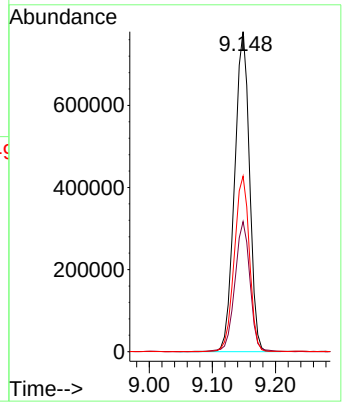


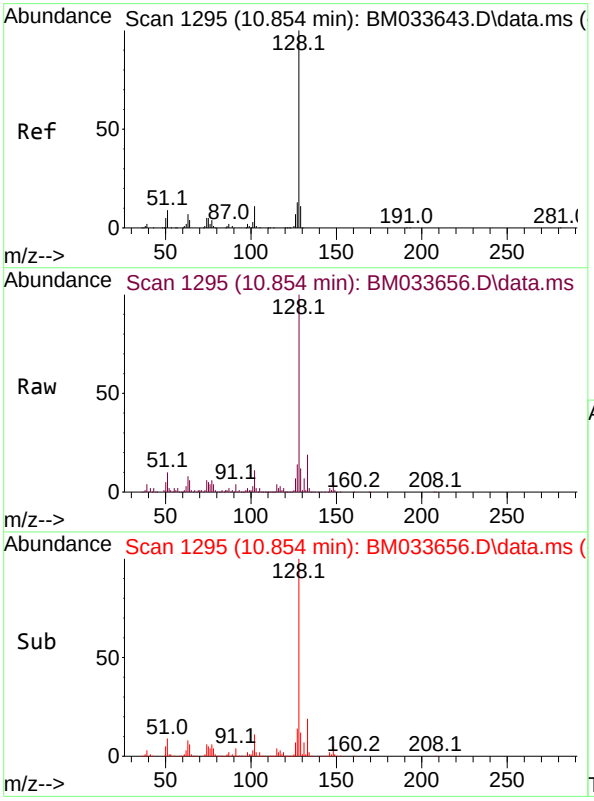
#23
Nitrobenzene-d5
Concen: 92.607 ng
RT: 9.148 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM033656.D
Acq: 05 Jan 2022 23:03

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

Tgt Ion: 82 Resp: 1274916

Ion	Ratio	Lower	Upper
82	100		
128	40.7	28.1	42.1
54	54.8	46.1	69.1

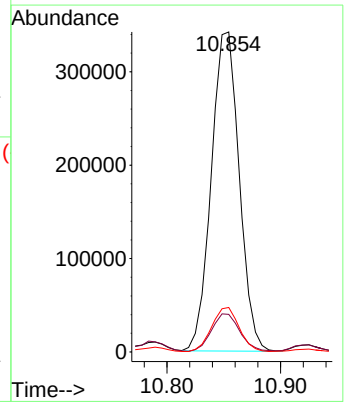


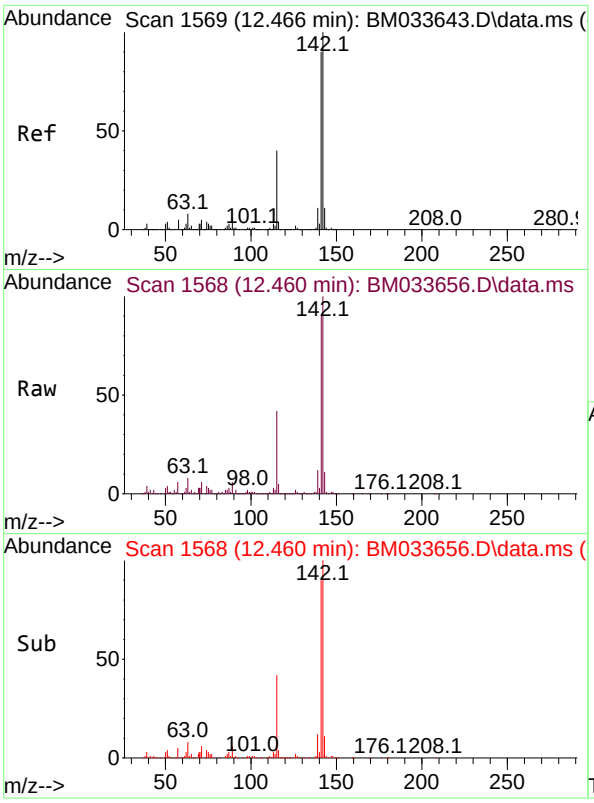


#31
Naphthalene
Concen: 16.771 ng
RT: 10.854 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BM033656.D
Acq: 05 Jan 2022 23:03

Tgt Ion:128 Resp: 584399

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.5	12.7
127	13.9	10.8	16.2



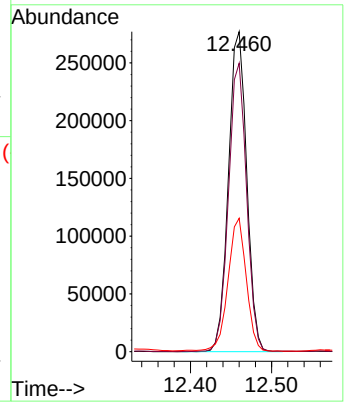


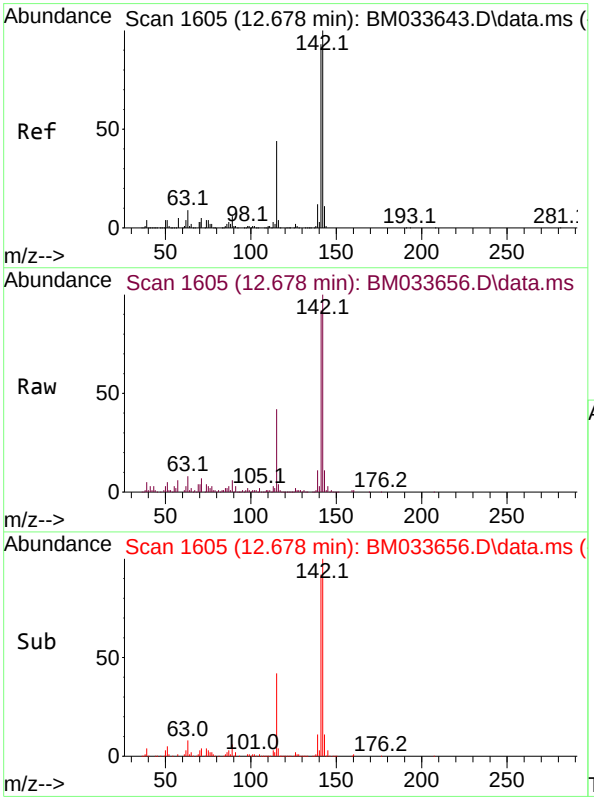
#37
2-Methylnaphthalene
Concen: 18.422 ng
RT: 12.460 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033656.D
Acq: 05 Jan 2022 23:03

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

Tgt Ion:142 Resp: 433789

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.2	108.2
115	41.7	33.0	49.6

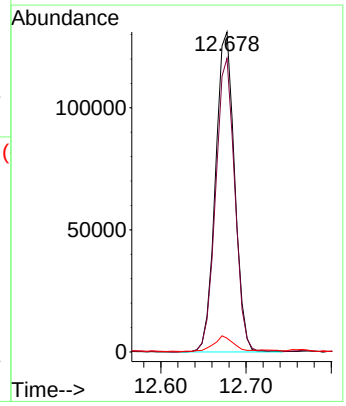


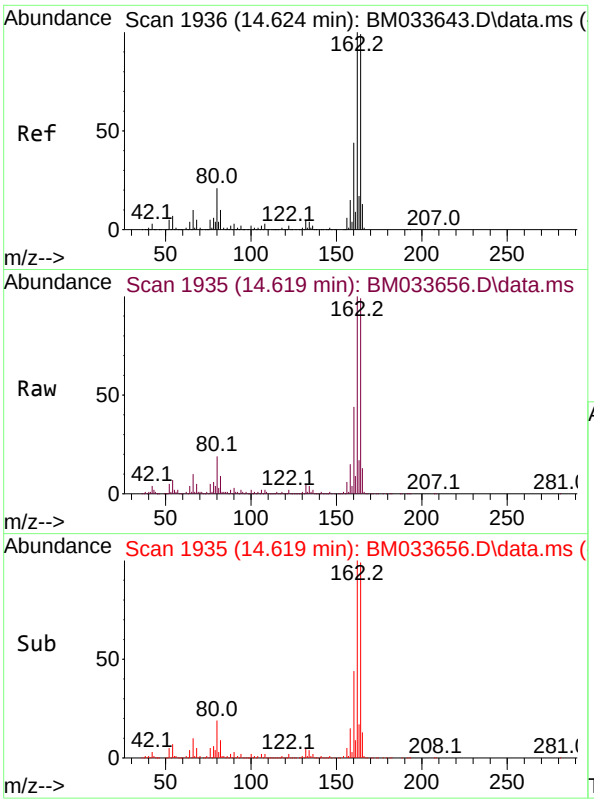


#38
1-Methylnaphthalene
Concen: 8.906 ng
RT: 12.678 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BM033656.D
Acq: 05 Jan 2022 23:03

Tgt Ion:142 Resp: 203811

Ion	Ratio	Lower	Upper
142	100		
141	91.7	75.0	112.4
116	4.3	3.5	5.3



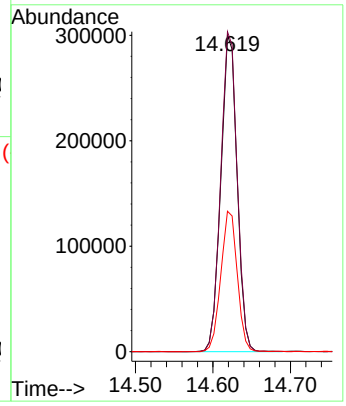


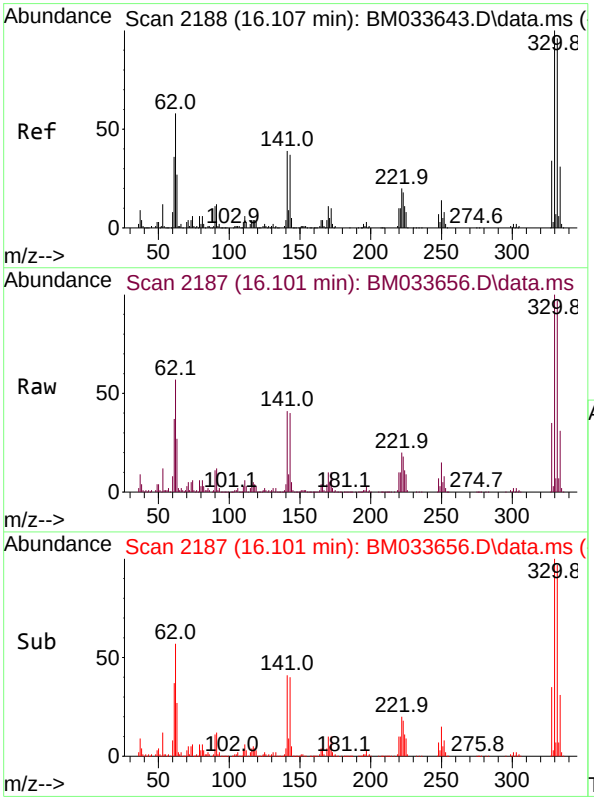
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.619 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033656.D
Acq: 05 Jan 2022 23:03

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

Tgt Ion:164 Resp: 438307

Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.7	119.5
160	44.4	34.2	51.4

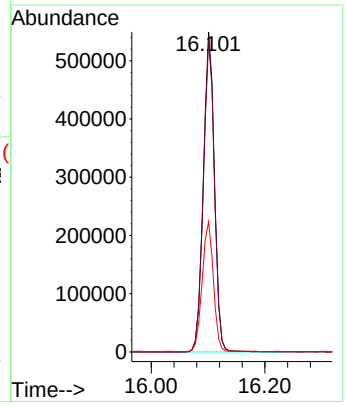


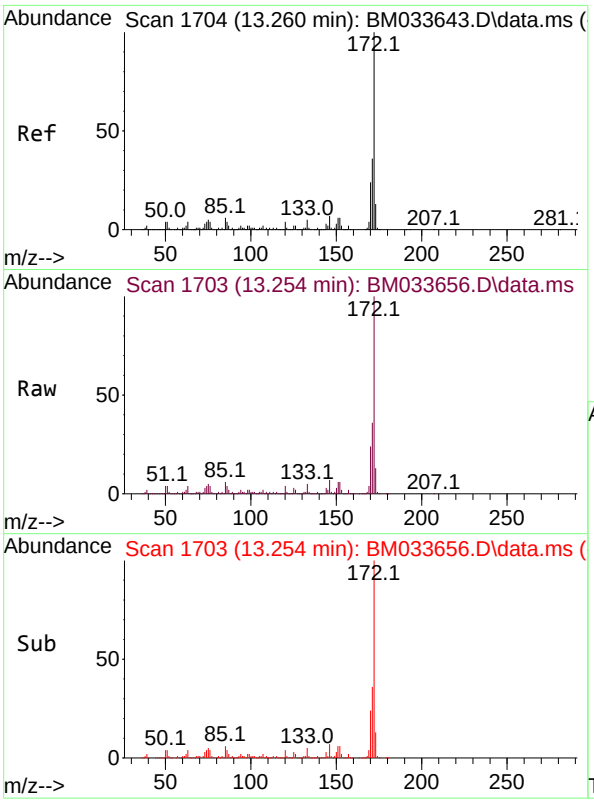


#42
2,4,6-Tribromophenol
Concen: 162.706 ng
RT: 16.101 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BM033656.D
Acq: 05 Jan 2022 23:03

Tgt Ion:330 Resp: 744864

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.5	114.7
141	41.1	35.9	53.9



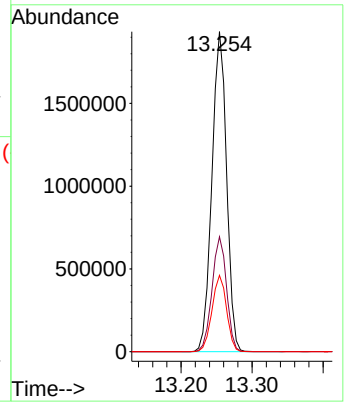


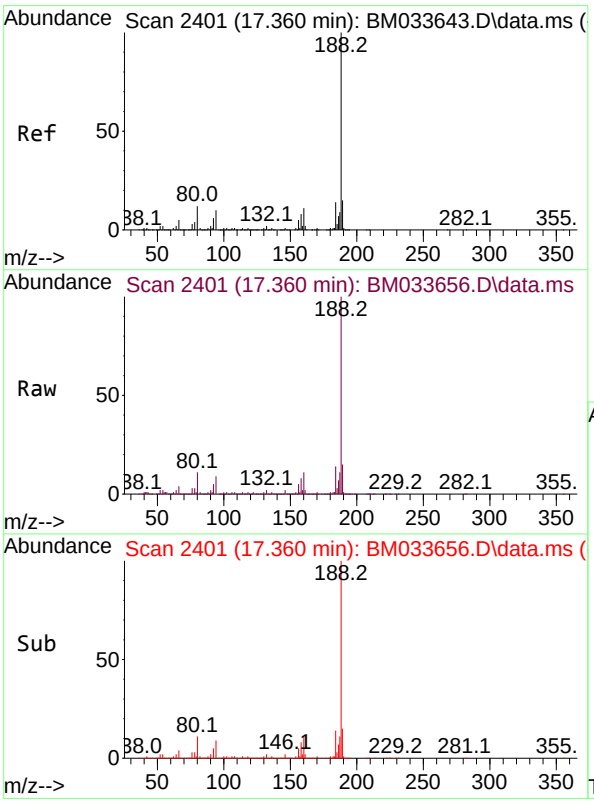
#45
2-Fluorobiphenyl
Concen: 82.854 ng
RT: 13.254 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033656.D
Acq: 05 Jan 2022 23:03

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

Tgt Ion:172 Resp: 2772614

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.2	40.8
170	23.8	18.7	28.1

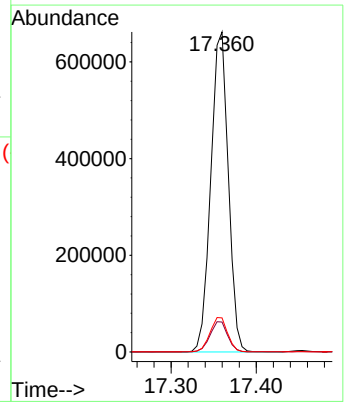


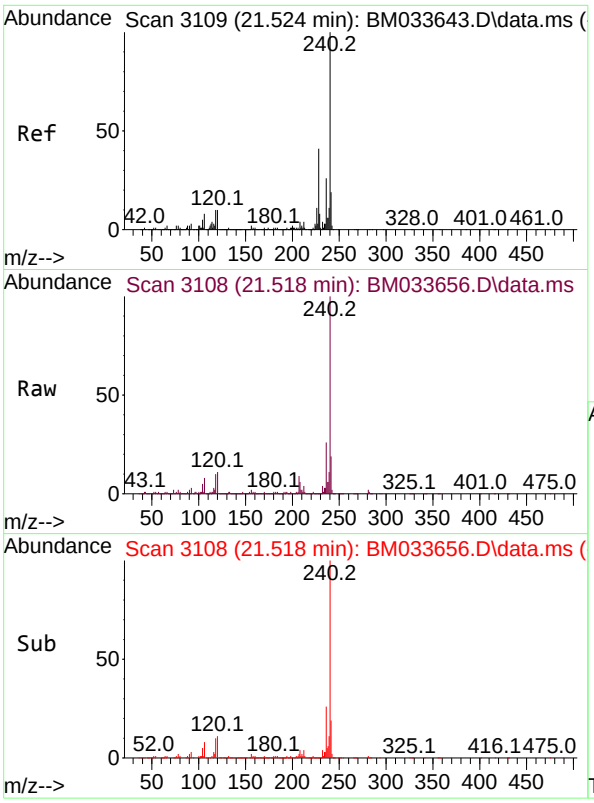


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.360 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BM033656.D
Acq: 05 Jan 2022 23:03

Tgt Ion:188 Resp: 942565

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	10.6	8.9	13.3



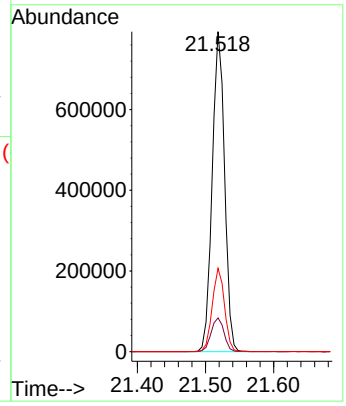


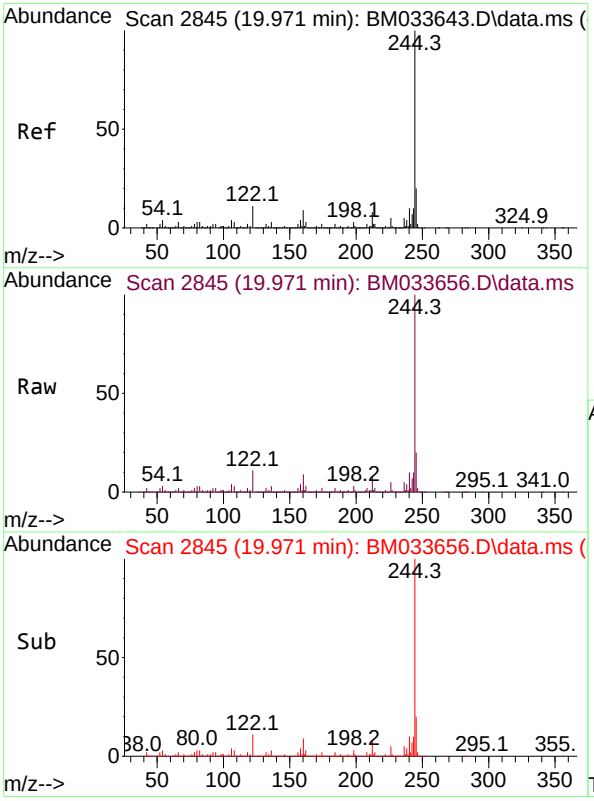
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.518 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM033656.D
Acq: 05 Jan 2022 23:03

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

Tgt Ion:240 Resp: 1000727

Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.8	11.6
236	26.1	20.3	30.5

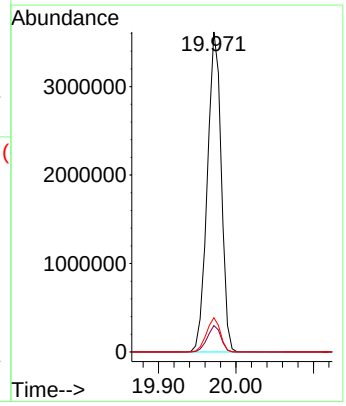


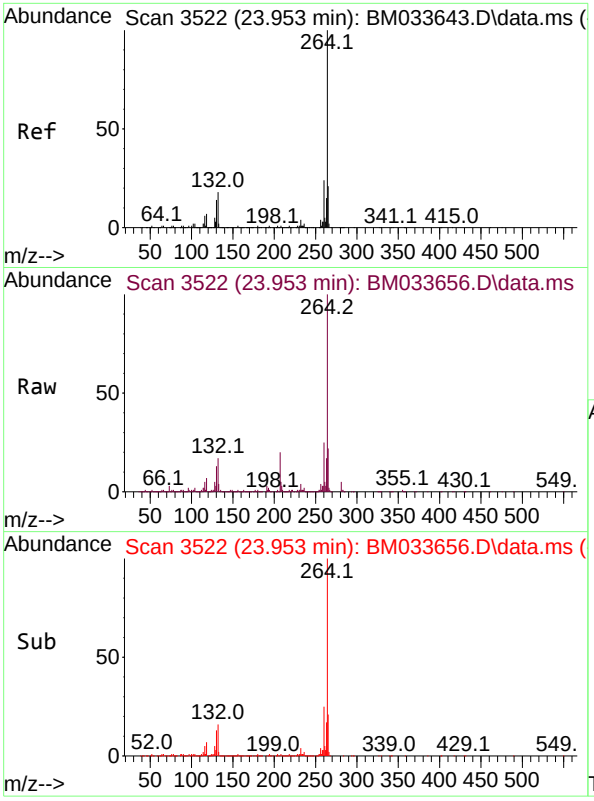


#79
Terphenyl-d14
Concen: 80.994 ng
RT: 19.971 min Scan# 2845
Delta R.T. 0.000 min
Lab File: BM033656.D
Acq: 05 Jan 2022 23:03

Tgt Ion:244 Resp: 4502960

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.9	8.9
122	10.7	8.4	12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.953 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM033656.D
Acq: 05 Jan 2022 23:03

Instrument :
BNA_M
ClientSampleId :
HSB-5-(12.5-13)

Tgt Ion:264 Resp: 1011197

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.7	26.5
265	21.7	17.7	26.5