Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033273.D
Acq On : 26 Nov 2021 20:05
Operator : CG/JU
Sample : M4817-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A6879

Quant Time: Nov 26 23:24:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 24 15:16:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	130869	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	528374	20.000	ng	# 0.00
39) Acenaphthene-d10	14.554	164	329188	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	680954	20.000	ng	# 0.00
76) Chrysene-d12	21.454	240	678596	20.000	ng	0.00
86) Perylene-d12	23.783	264	707310	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.507	112	443825	56.004	ng	0.00
7) Phenol-d6	7.096	99	369357	34.800	ng	0.00
23) Nitrobenzene-d5	9.095	82	949464	83.421	ng	0.00
42) 2,4,6-Tribromophenol	16.042	330	396276	110.431	ng	0.00
45) 2-Fluorobiphenyl	13.178	172	1885737	80.789	ng	0.00
79) Terphenyl-d14	19.901	244	2400797	69.958	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.078	77	2078	Below Cal	#	9
22) Acetophenone	8.760	105	27367	2.013	ng	# 93
31) Naphthalene	10.778	128	365374	13.109	ng	100
32) Benzoic acid	9.960	122	6648	6.525	ng	# 78
33) 4-Chloroaniline	10.784	127	48246	4.501	ng	# 36
37) 2-Methylnaphthalene	12.384	142	153360	8.082	ng	94
38) 1-Methylnaphthalene	12.601	142	120875	6.529	ng	97

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

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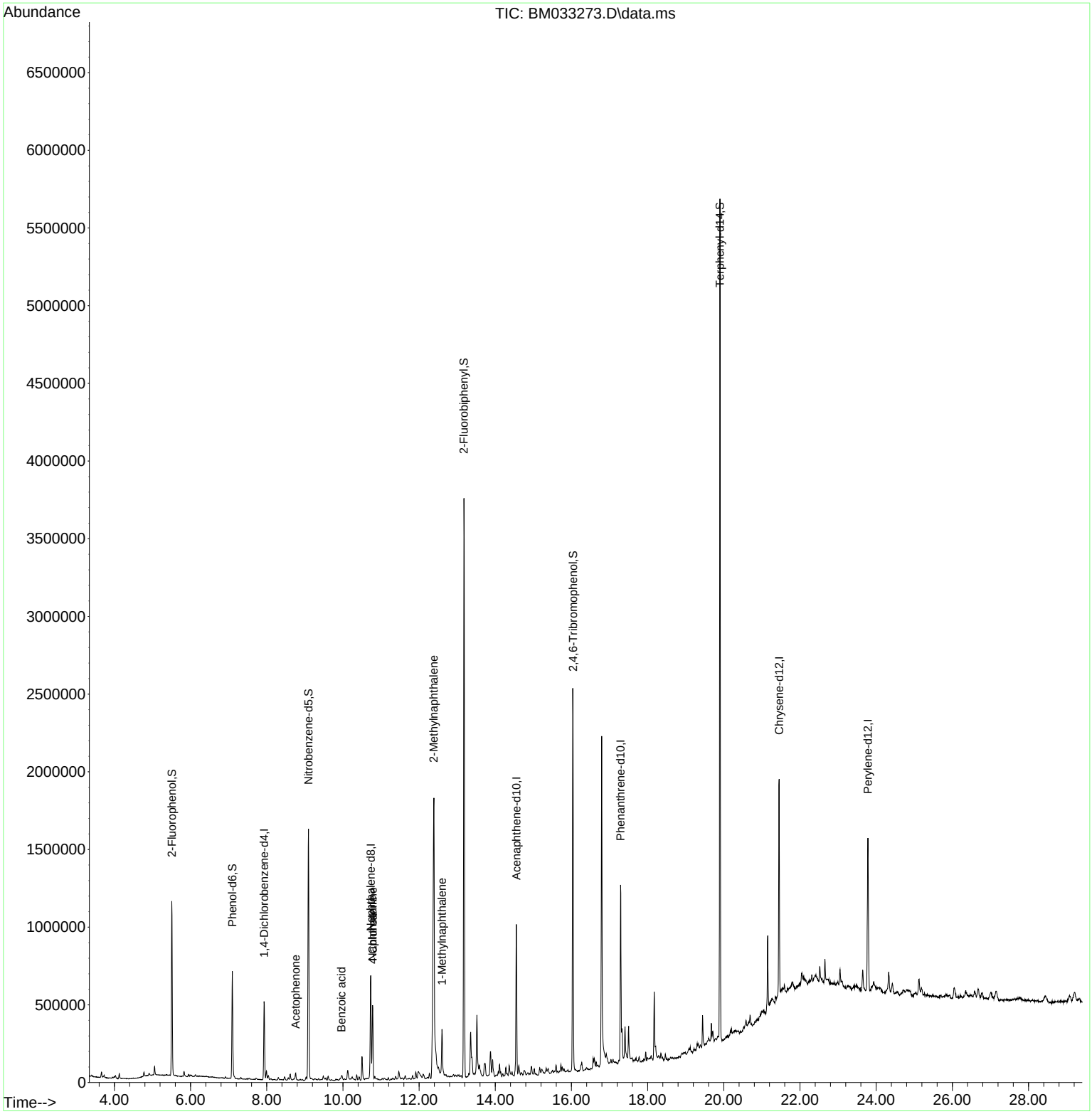
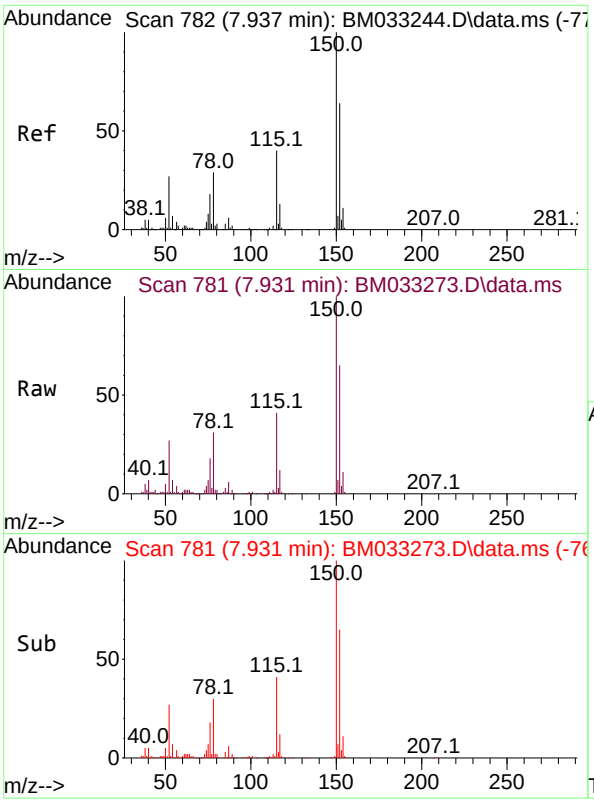


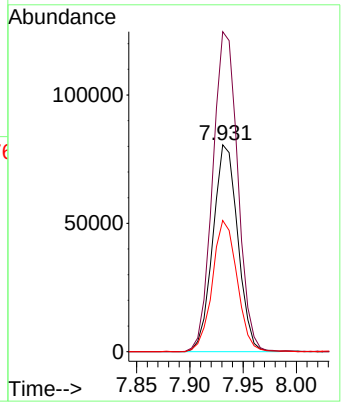


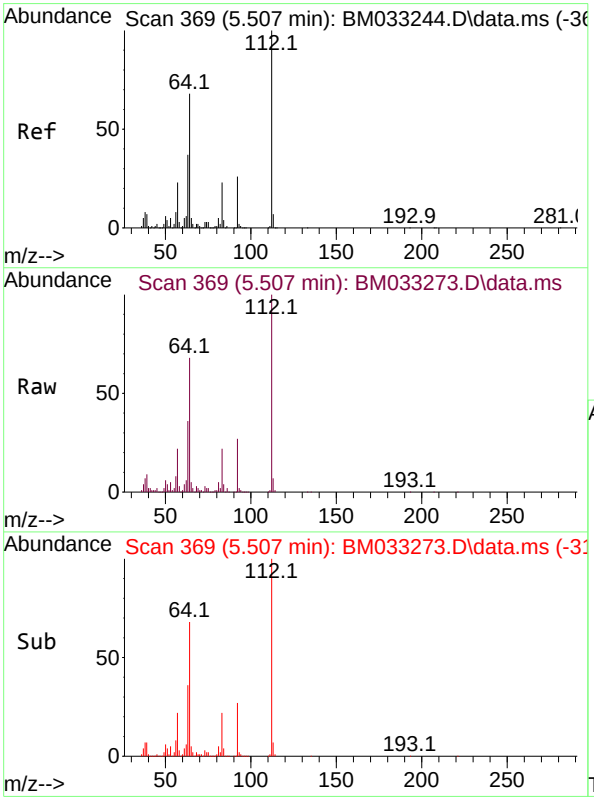
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 78
Delta R.T. -0.006 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

Instrument :
BNA_M
ClientSampleId :
A6879

Tgt Ion:152 Resp: 130869

Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.4	183.6
115	63.4	53.8	80.8

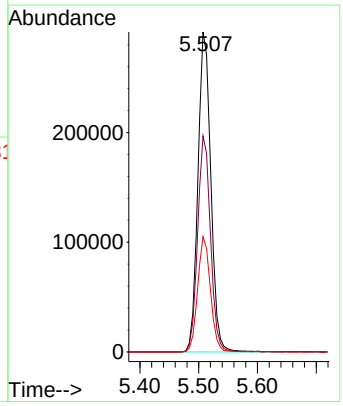


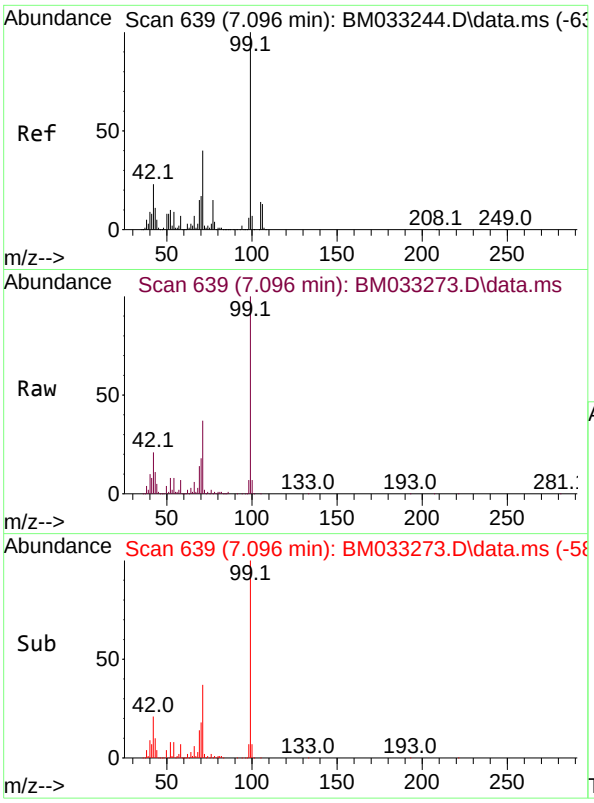


#5
2-Fluorophenol
Concen: 56.004 ng
RT: 5.507 min Scan# 369
Delta R.T. 0.000 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

Tgt Ion:112 Resp: 443825

Ion	Ratio	Lower	Upper
112	100		
64	67.6	53.7	80.5
63	36.0	33.9	50.9



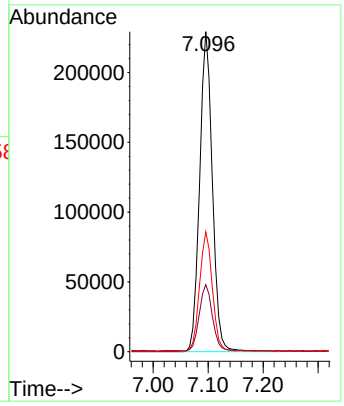


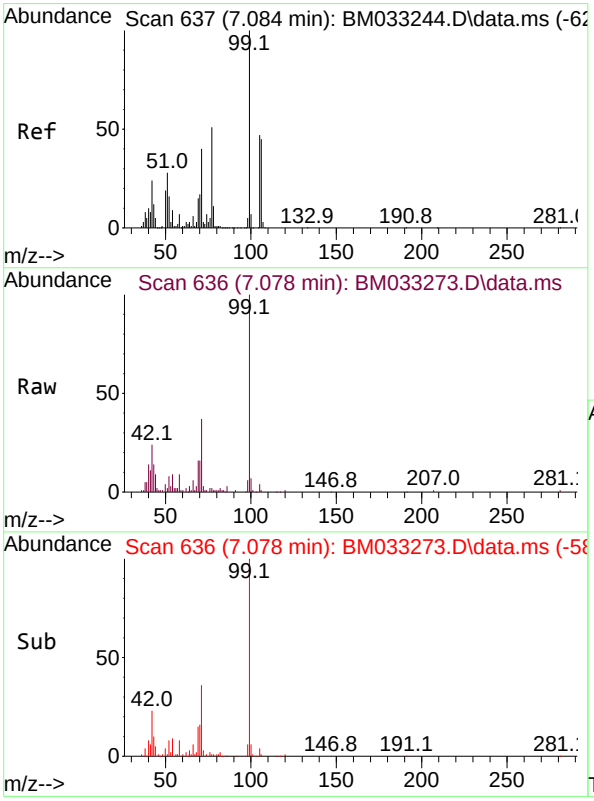
#7
Phenol-d6
Concen: 34.800 ng
RT: 7.096 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

Instrument :
BNA_M
ClientSampleId :
A6879

Tgt Ion: 99 Resp: 369357

Ion	Ratio	Lower	Upper
99	100		
42	21.0	23.0	34.6#
71	37.5	37.8	56.8#

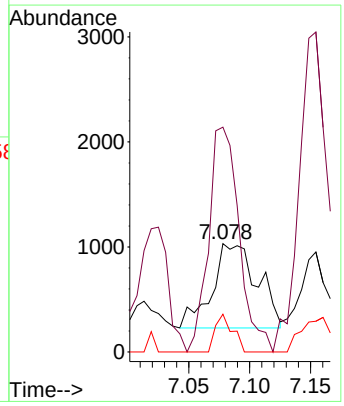


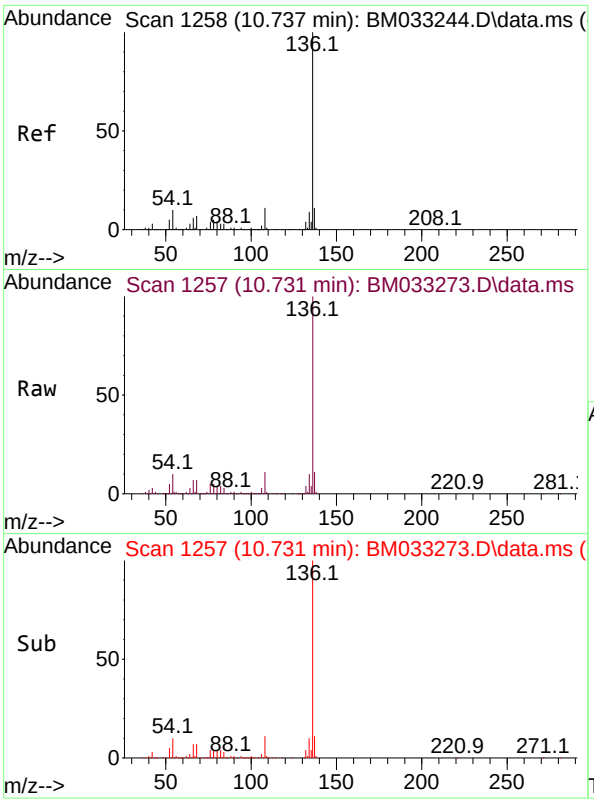


#9
Benzaldehyde
Concen: Below Cal
RT: 7.078 min Scan# 636
Delta R.T. -0.006 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

Tgt Ion: 77 Resp: 2078

Ion	Ratio	Lower	Upper
77	100		
105	207.4	68.9	108.9#
106	34.9	61.2	101.2#



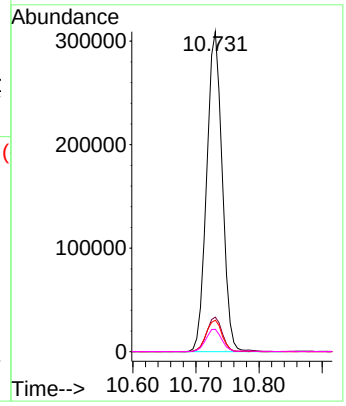


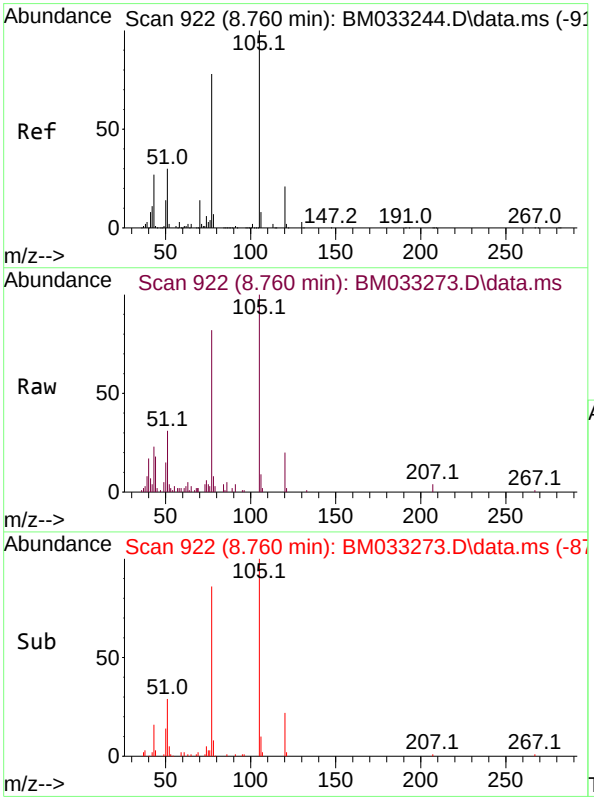
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

Instrument :
BNA_M
ClientSampleId :
A6879

Tgt Ion:136 Resp: 528374

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.8	7.4	11.0
68	7.0	3.8	5.8#

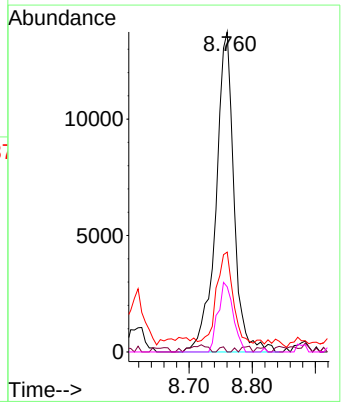


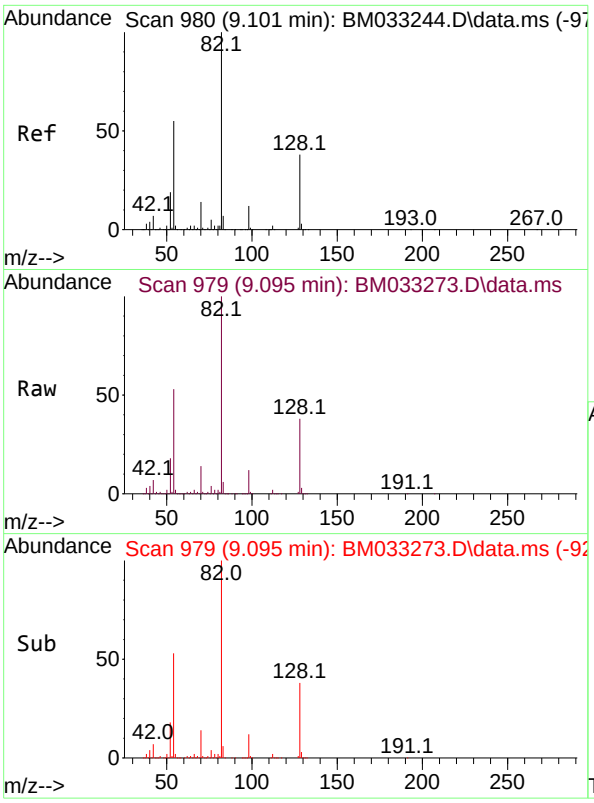


#22
Acetophenone
Concen: 2.013 ng
RT: 8.760 min Scan# 922
Delta R.T. 0.000 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

Tgt Ion:105 Resp: 27367

Ion	Ratio	Lower	Upper
105	100		
71	0.0	3.8	5.6#
51	31.2	29.5	44.3
120	20.3	16.3	24.5



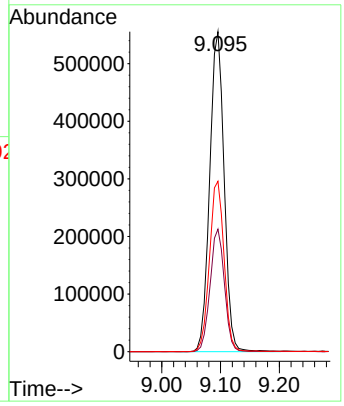


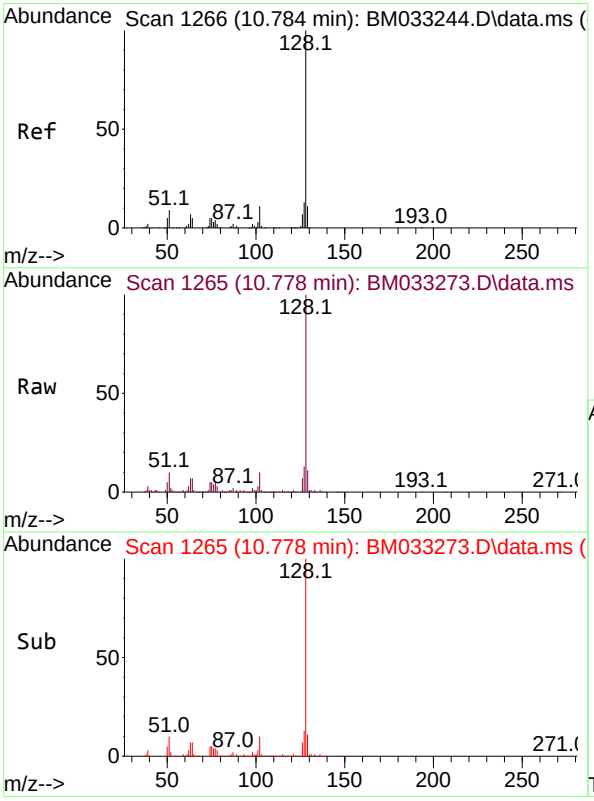
#23
Nitrobenzene-d5
Concen: 83.421 ng
RT: 9.095 min Scan# 9
Delta R.T. -0.006 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

Instrument :
BNA_M
ClientSampleId :
A6879

Tgt Ion: 82 Resp: 949464

Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.0	43.6
54	53.3	45.8	68.8

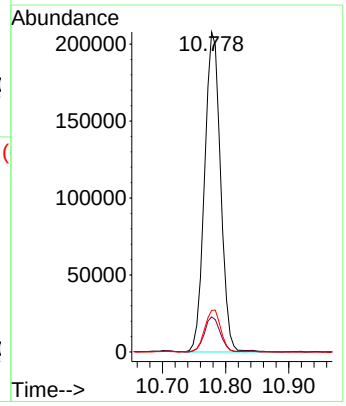


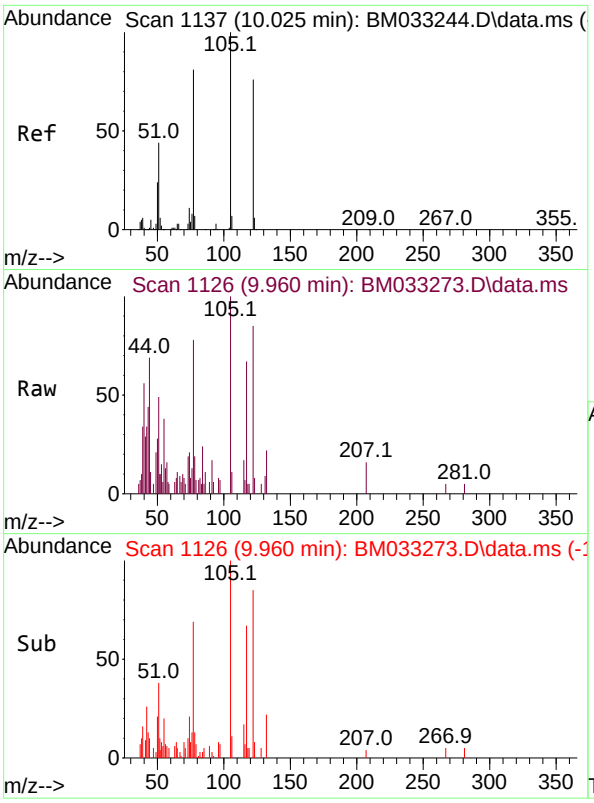


#31
Naphthalene
Concen: 13.109 ng
RT: 10.778 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

Tgt Ion:128 Resp: 365374

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.0	10.4	15.6



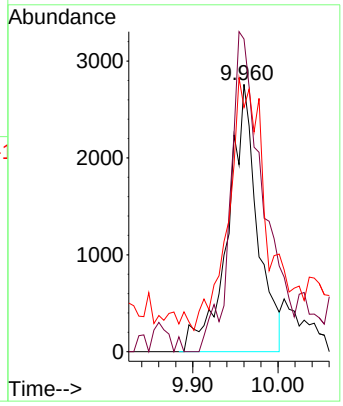


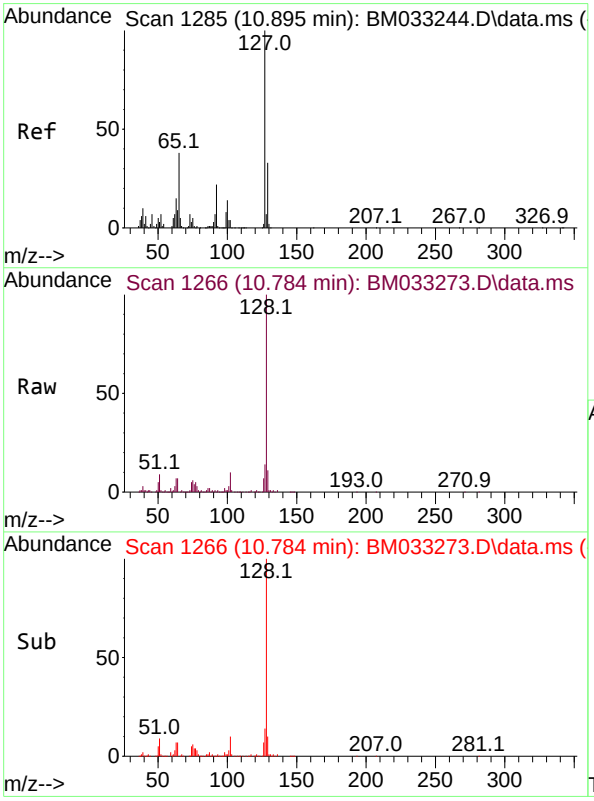
#32
Benzoic acid
Concen: 6.525 ng
RT: 9.960 min Scan# 11
Delta R.T. -0.065 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

Instrument :
BNA_M
ClientSampleId :
A6879

Tgt Ion:122 Resp: 6648

Ion	Ratio	Lower	Upper
122	100		
105	117.0	120.3	160.3#
77	91.4	100.0	140.0#

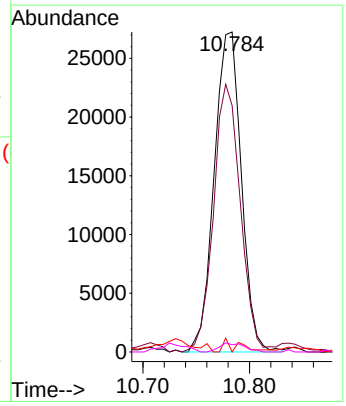


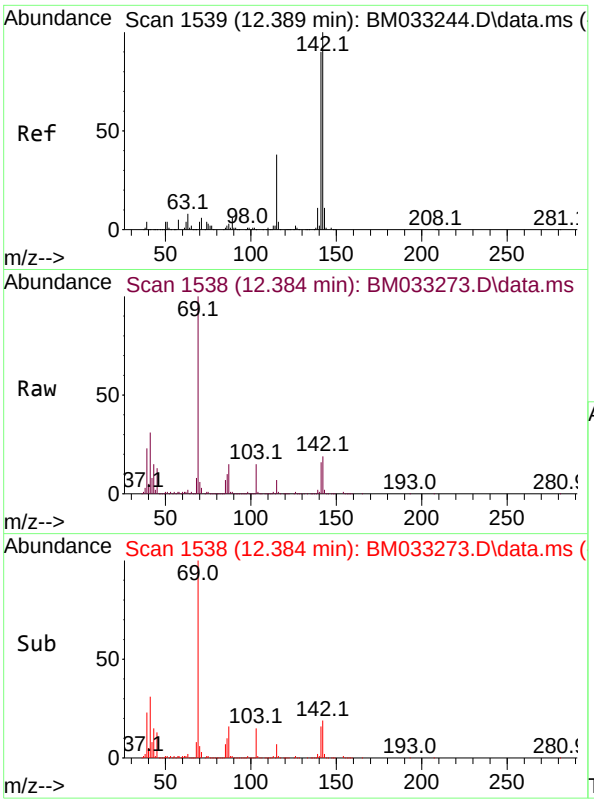


#33
4-Chloroaniline
Concen: 4.501 ng
RT: 10.784 min Scan# 1266
Delta R.T. -0.112 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

Tgt Ion:127 Resp: 48246

Ion	Ratio	Lower	Upper
127	100		
129	77.0	25.6	38.4#
65	0.0	30.4	45.6#
92	2.2	16.2	24.4#



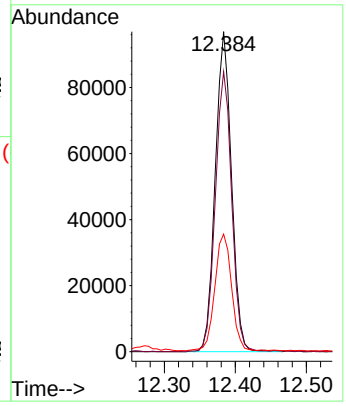


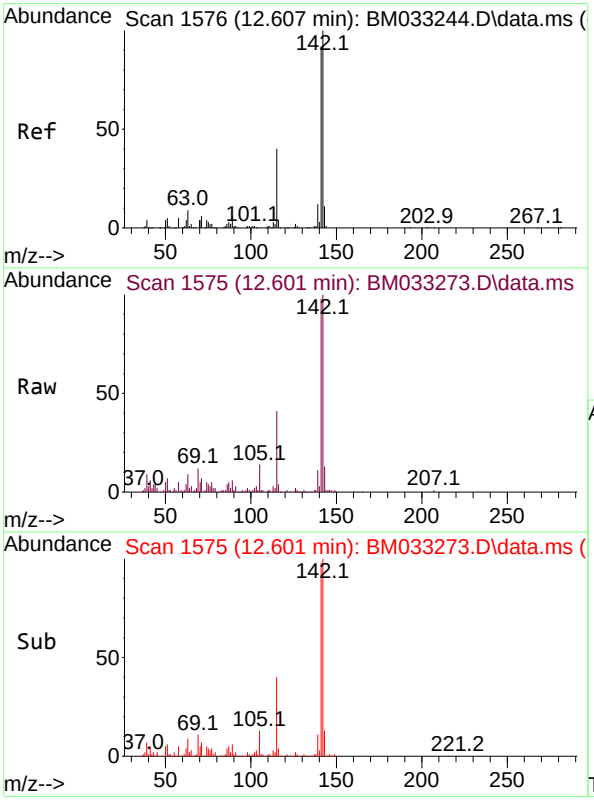
#37
2-Methylnaphthalene
Concen: 8.082 ng
RT: 12.384 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

Instrument :
BNA_M
ClientSampleId :
A6879

Tgt Ion:142 Resp: 153360

Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.8	107.6
115	36.7	36.3	54.5

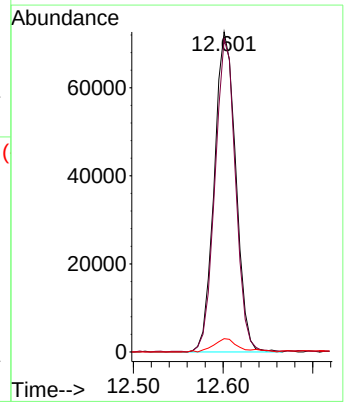


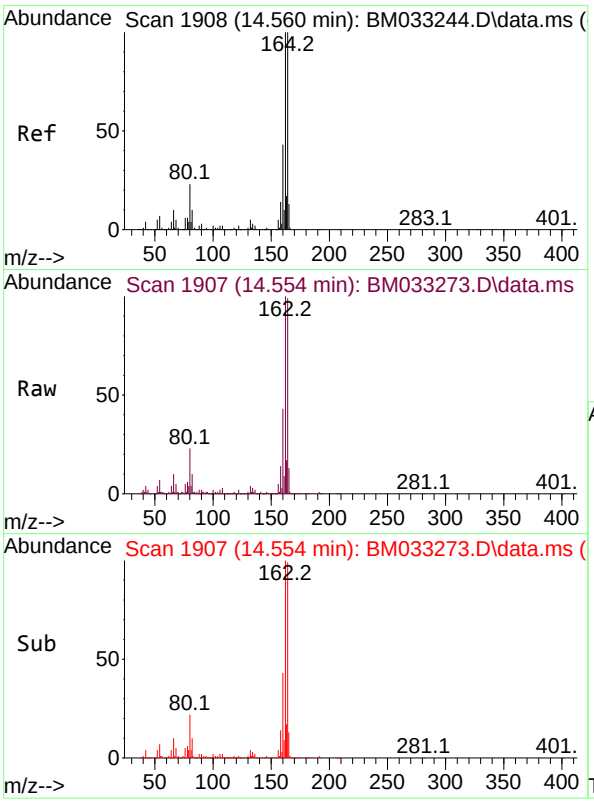


#38
1-Methylnaphthalene
Concen: 6.529 ng
RT: 12.601 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

Tgt Ion:142 Resp: 120875

Ion	Ratio	Lower	Upper
142	100		
141	97.8	75.6	113.4
116	4.2	4.0	6.0



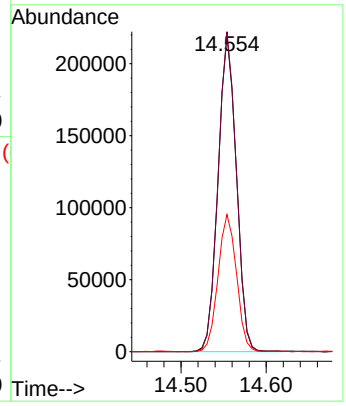


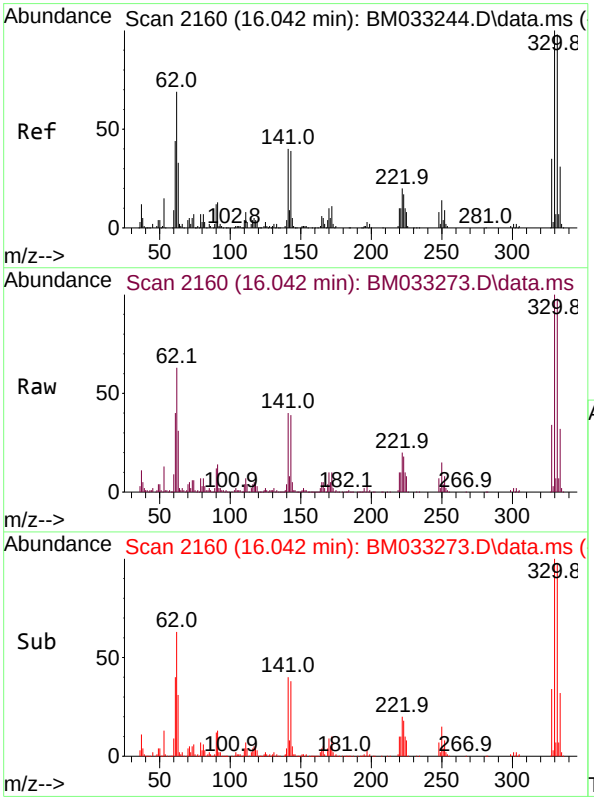
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.554 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

Instrument :
BNA_M
ClientSampleId :
A6879

Tgt Ion:164 Resp: 329188

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	121.0
160	43.4	35.1	52.7

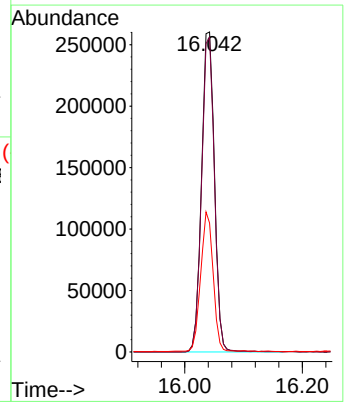


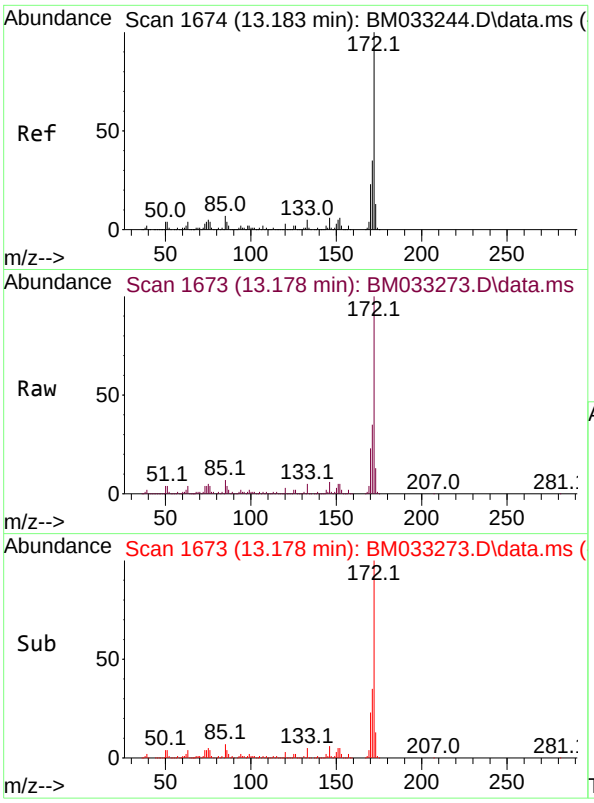


#42
2,4,6-Tribromophenol
Concen: 110.431 ng
RT: 16.042 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

Tgt Ion:330 Resp: 396276

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.7	113.5
141	42.0	50.7	76.1#



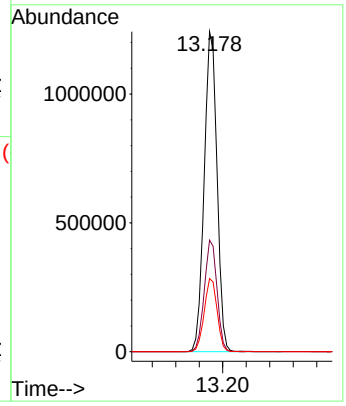


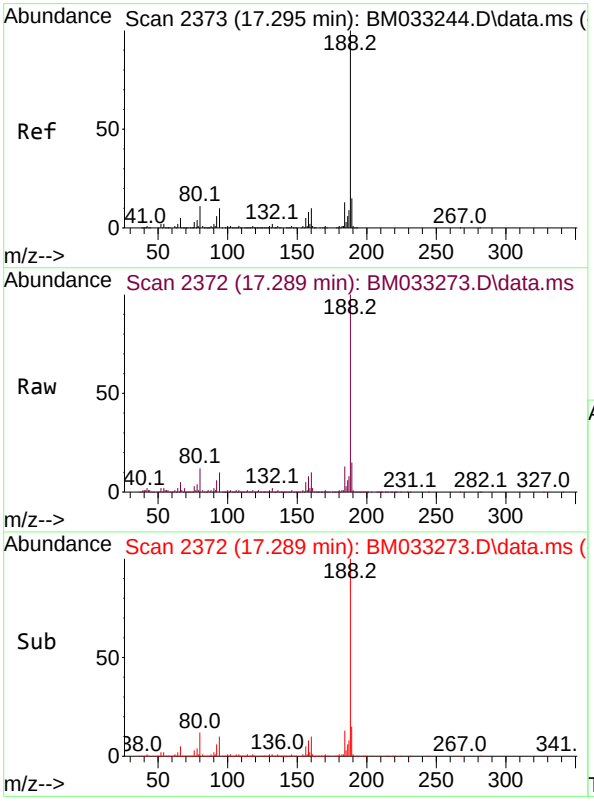
#45
2-Fluorobiphenyl
Concen: 80.789 ng
RT: 13.178 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

Instrument :
BNA_M
ClientSampleId :
A6879

Tgt Ion:172 Resp: 1885737

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	22.9	18.6	27.8

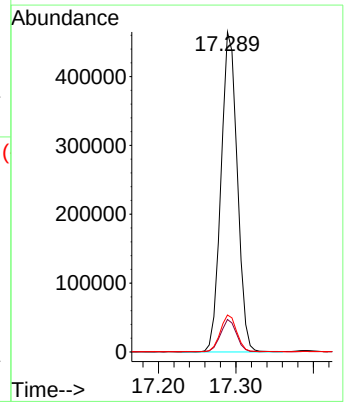


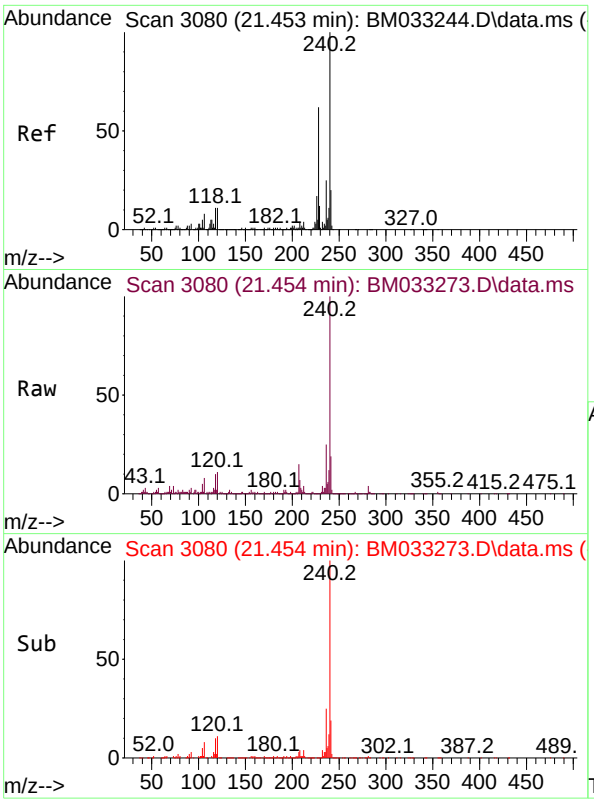


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

Tgt Ion:188 Resp: 680954

Ion	Ratio	Lower	Upper
188	100		
94	10.2	6.3	9.5#
80	11.6	7.3	10.9#



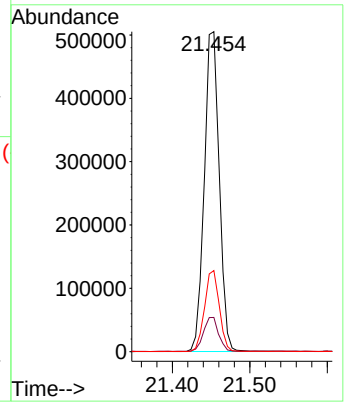


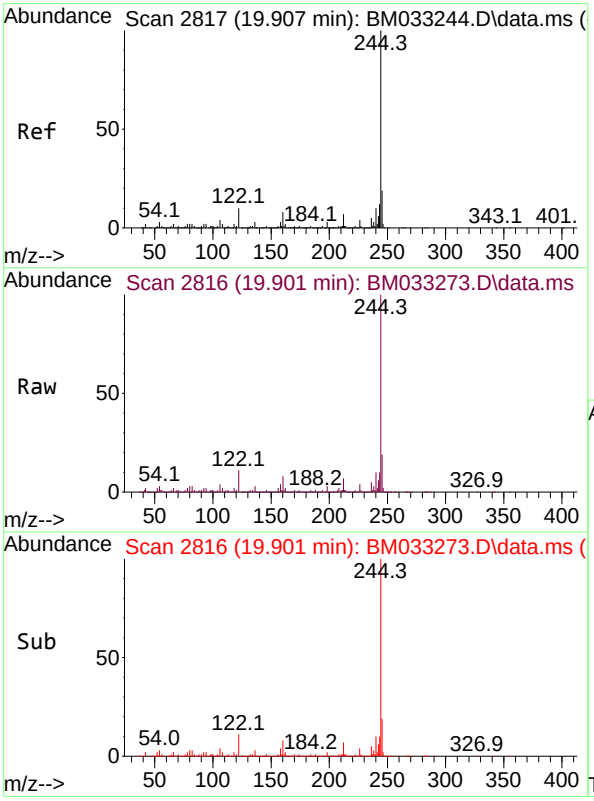
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.454 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

Instrument :
BNA_M
ClientSampleId :
A6879

Tgt Ion:240 Resp: 678596

Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.8	11.6
236	25.4	20.9	31.3

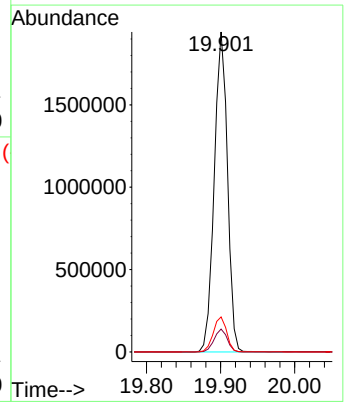


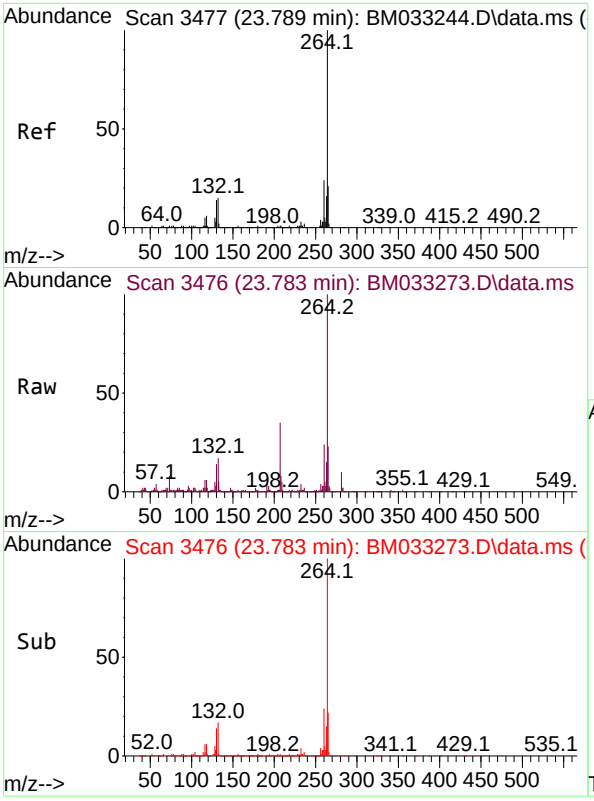


#79
Terphenyl-d14
Concen: 69.958 ng
RT: 19.901 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

Tgt Ion:244 Resp: 2400797

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	10.9	8.7	13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.783 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM033273.D
Acq: 26 Nov 2021 20:05

Instrument :
BNA_M
ClientSampleId :
A6879

Tgt Ion:264 Resp: 707310

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	22.8	18.3	27.5