Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121621\
Data File : BM033489.D
Acq On : 16 Dec 2021 17:59
Operator : CG/JU
Sample : PB141339BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB141339BL

Quant Time: Dec 17 08:00:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 17:10:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	31539	20.000	ng	0.00
21) Naphthalene-d8	10.754	136	122727	20.000	ng	0.00
39) Acenaphthene-d10	14.584	164	78635	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	150130	20.000	ng	# 0.00
76) Chrysene-d12	21.513	240	85727	20.000	ng	0.00
86) Perylene-d12	23.936	264	59144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	190490	104.220	ng	0.00
7) Phenol-d6	7.108	99	242785	98.980	ng	0.00
23) Nitrobenzene-d5	9.113	82	282172	98.722	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	74573	84.305	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	551098	96.946	ng	0.00
79) Terphenyl-d14	19.954	244	635813	116.764	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.408	88	56	Below Cal	#	1
9) Benzaldehyde	7.102	77	768	Below Cal	#	7
87) Indeno(1,2,3-cd)pyrene	26.459	276	14514	5.323	ng	# 83
90) Benzo(a)pyrene	23.830	252	5818	2.050	ng	# 73
91) Dibenzo(a,h)anthracene	26.477	278	13469	6.585	ng	98
92) Benzo(g,h,i)perylene	27.218	276	13775	5.237	ng	# 89

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

Quantitation Report (Not Reviewed)

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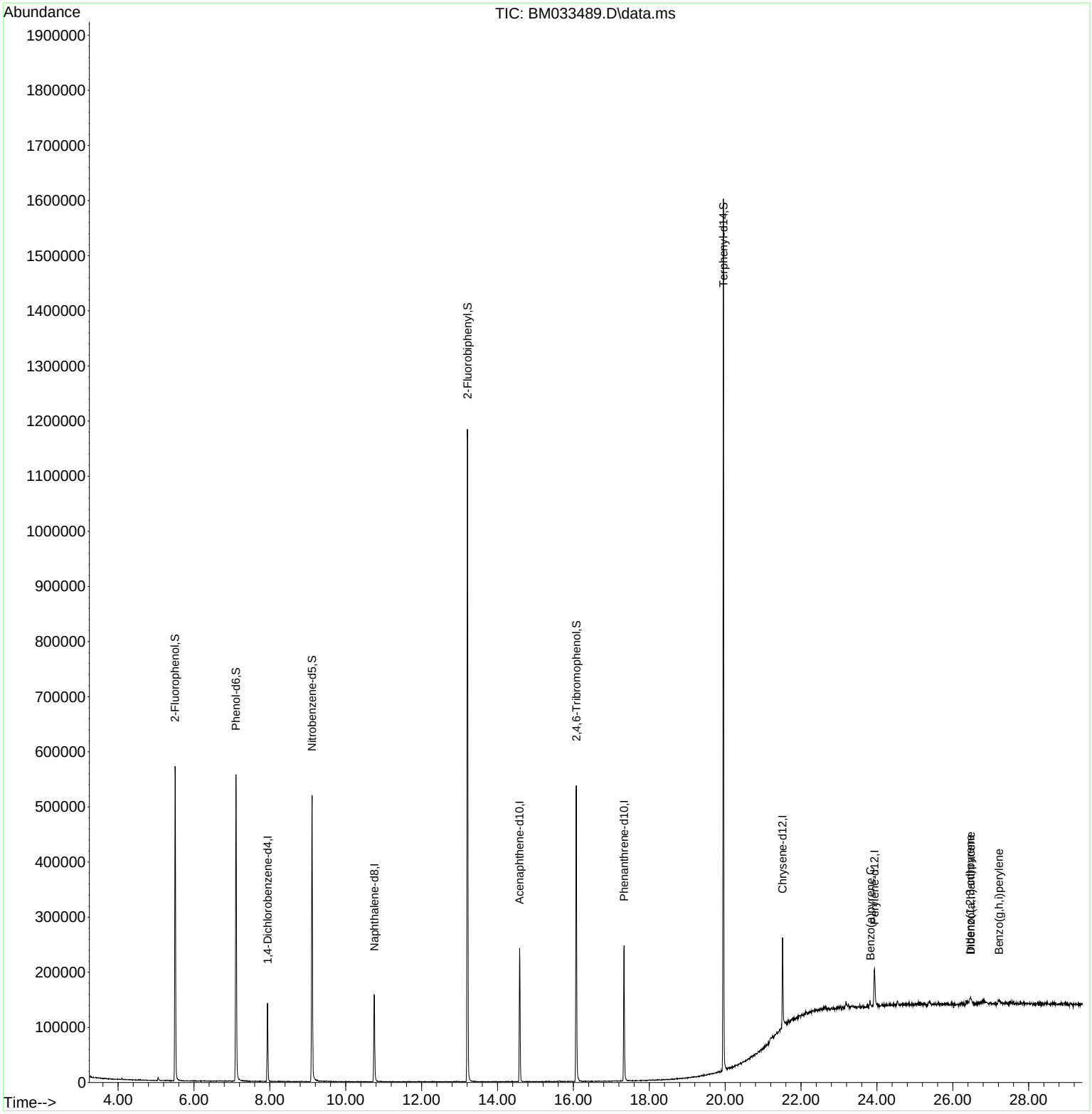
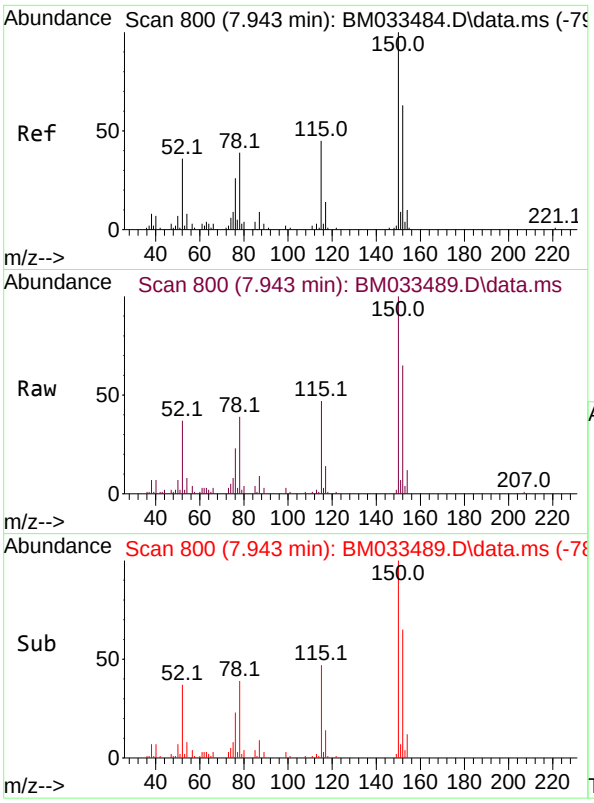


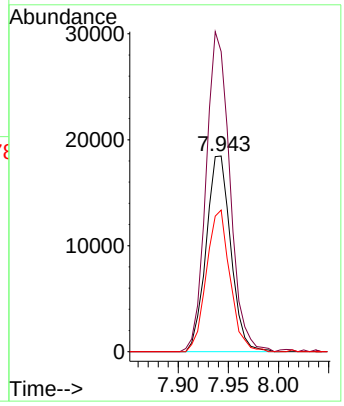


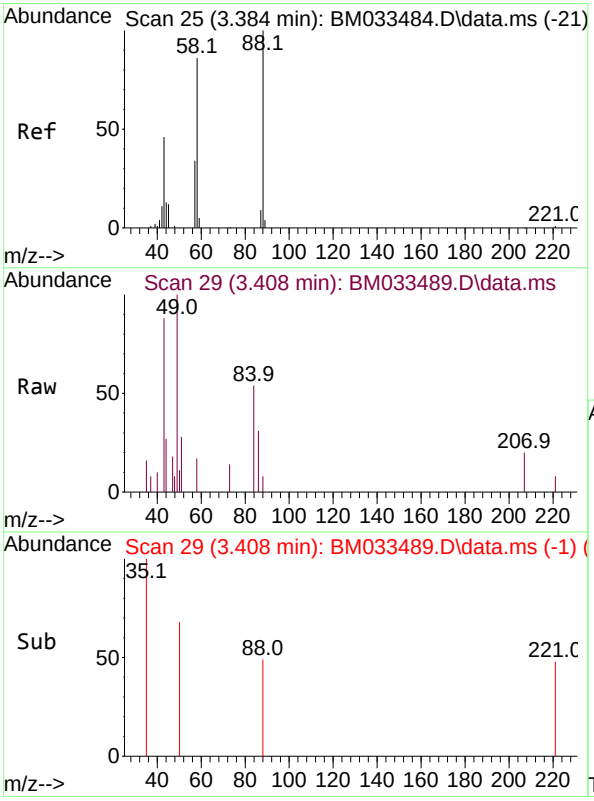
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.943 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM033489.D
Acq: 16 Dec 2021 17:59

Instrument :
BNA_M
ClientSampleId :
PB141339BL

Tgt Ion:152 Resp: 31539

Ion	Ratio	Lower	Upper
152	100		
150	153.3	128.9	193.3
115	72.4	53.0	79.6

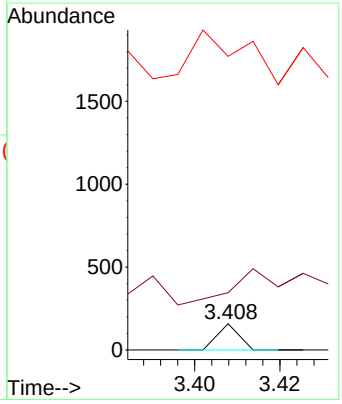


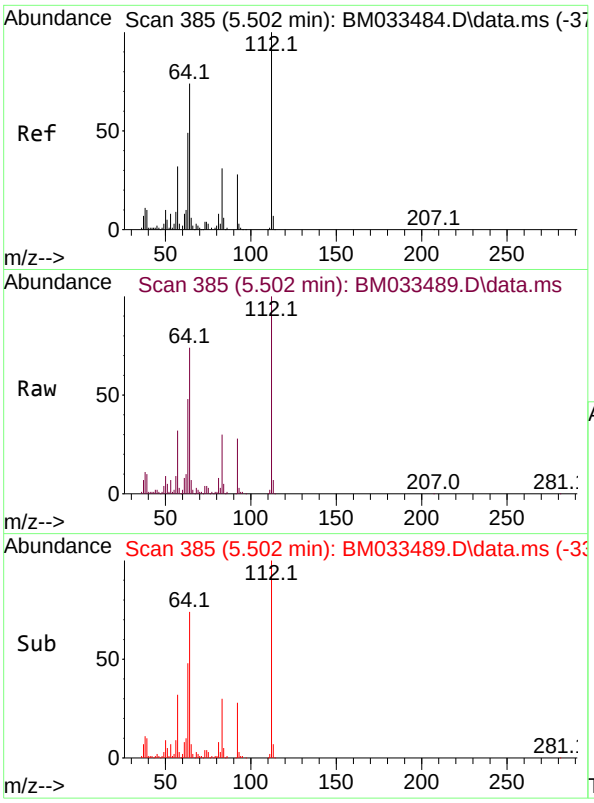


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.408 min Scan# 29
Delta R.T. 0.024 min
Lab File: BM033489.D
Acq: 16 Dec 2021 17:59

Tgt Ion: 88 Resp: 56

Ion	Ratio	Lower	Upper
88	100		
58	533.9	67.0	100.4#
43	521.4	31.6	47.4#



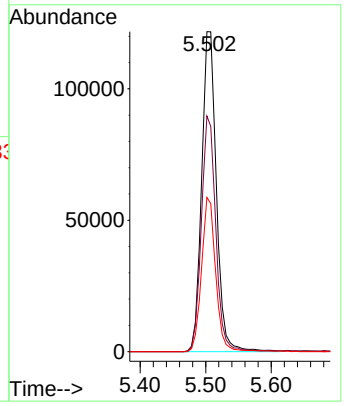


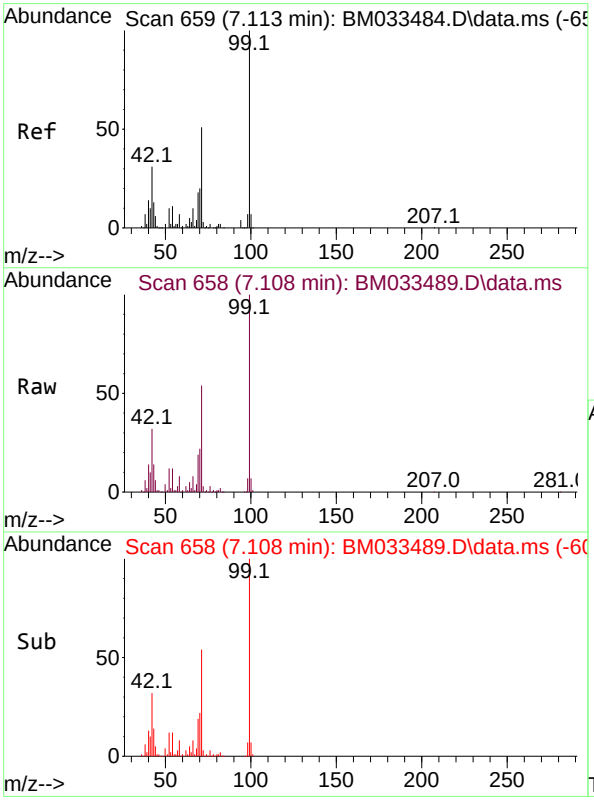
#5
2-Fluorophenol
Concen: 104.220 ng
RT: 5.502 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM033489.D
Acq: 16 Dec 2021 17:59

Instrument :
BNA_M
ClientSampleId :
PB141339BL

Tgt Ion:112 Resp: 190490

Ion	Ratio	Lower	Upper
112	100		
64	73.6	55.5	83.3
63	48.2	31.3	46.9#

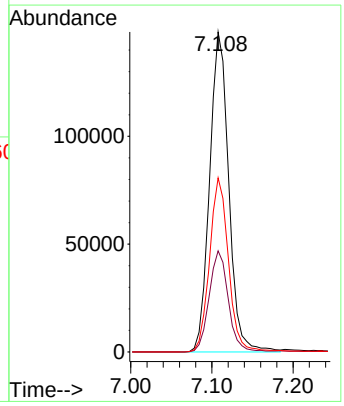


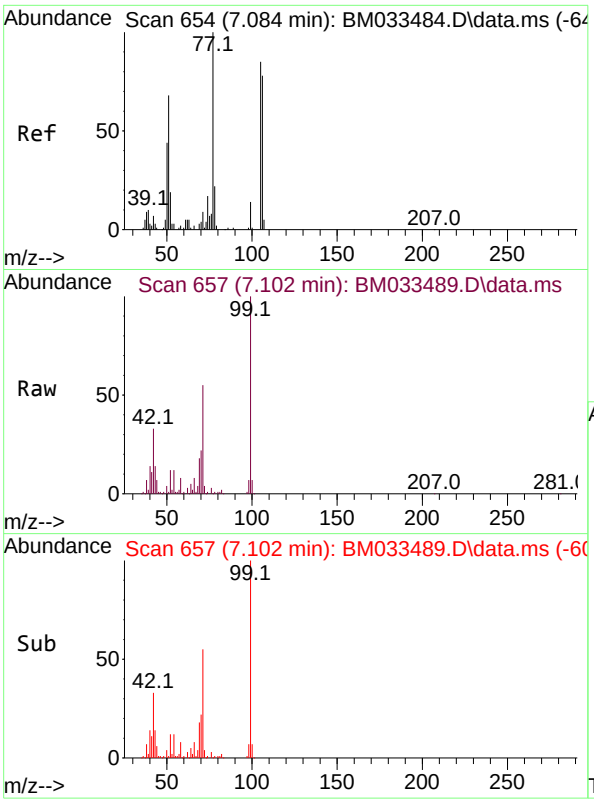


#7
Phenol-d6
Concen: 98.980 ng
RT: 7.108 min Scan# 658
Delta R.T. -0.005 min
Lab File: BM033489.D
Acq: 16 Dec 2021 17:59

Tgt Ion: 99 Resp: 242785

Ion	Ratio	Lower	Upper
99	100		
42	31.6	20.3	30.5#
71	54.4	34.5	51.7#



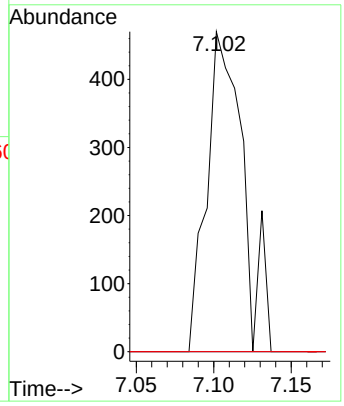


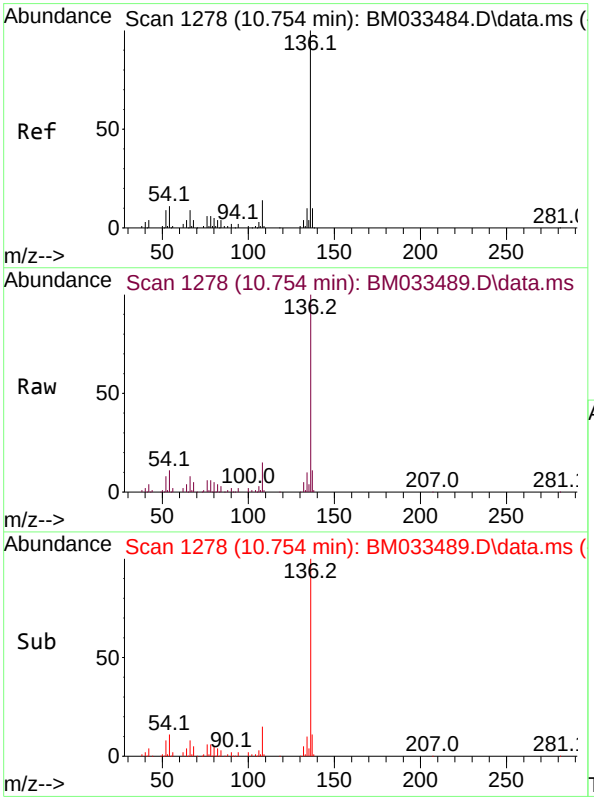
#9
Benzaldehyde
Concen: Below Cal
RT: 7.102 min Scan# 6
Delta R.T. 0.018 min
Lab File: BM033489.D
Acq: 16 Dec 2021 17:59

Instrument :
BNA_M
ClientSampleId :
PB141339BL

Tgt Ion: 77 Resp: 768

Ion	Ratio	Lower	Upper
77	100		
105	0.0	67.1	107.1#
106	0.0	64.3	104.3#

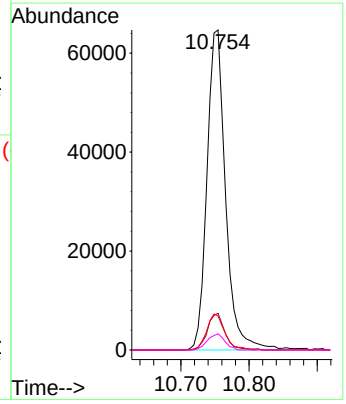


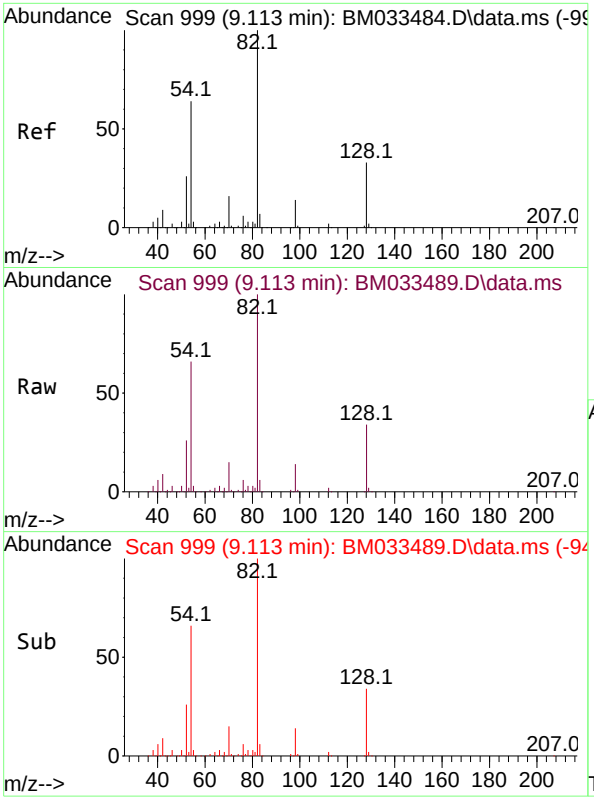


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.754 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BM033489.D
Acq: 16 Dec 2021 17:59

Tgt Ion:136 Resp: 122727

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	10.6	8.3	12.5
68	5.1	5.0	7.6



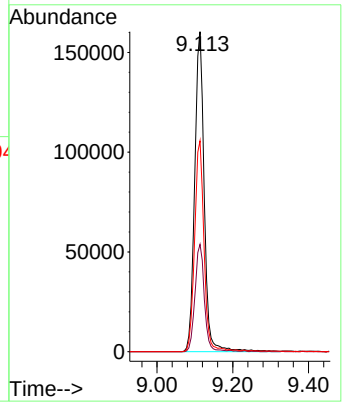


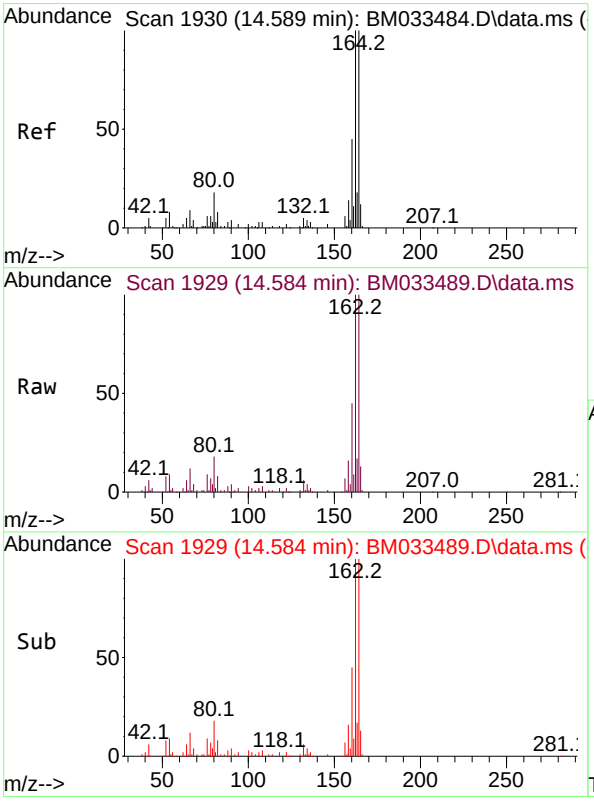
#23
Nitrobenzene-d5
Concen: 98.722 ng
RT: 9.113 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM033489.D
Acq: 16 Dec 2021 17:59

Instrument :
BNA_M
ClientSampleId :
PB141339BL

Tgt Ion: 82 Resp: 282172

Ion	Ratio	Lower	Upper
82	100		
128	33.6	28.1	42.1
54	65.9	46.1	69.1

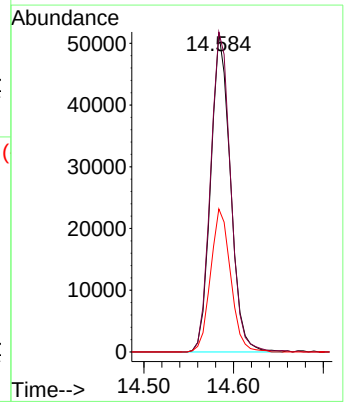


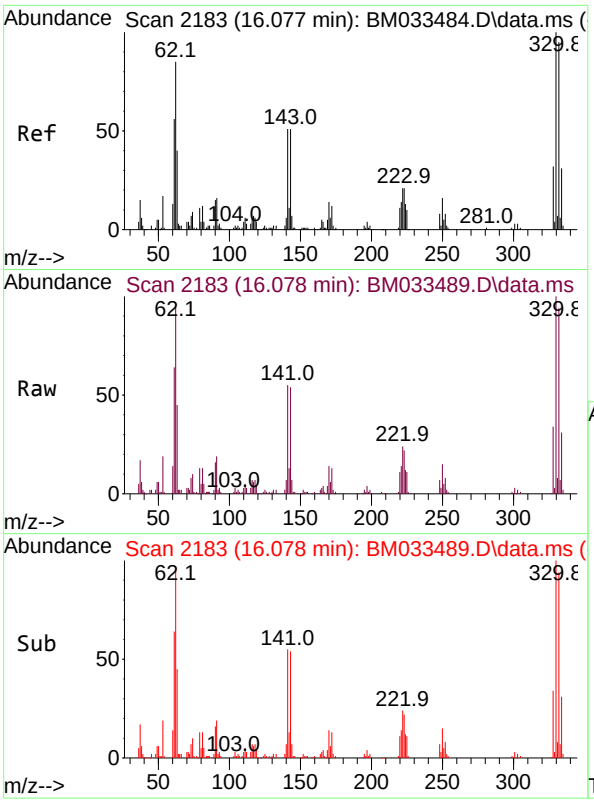


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.584 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BM033489.D
Acq: 16 Dec 2021 17:59

Tgt Ion:164 Resp: 78635

Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.7	119.5
160	44.8	34.2	51.4



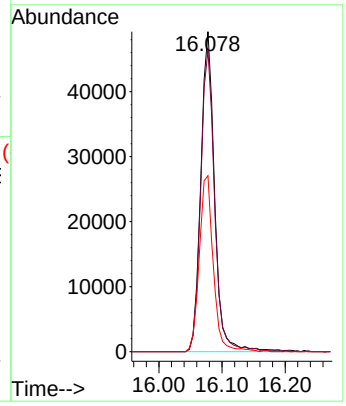


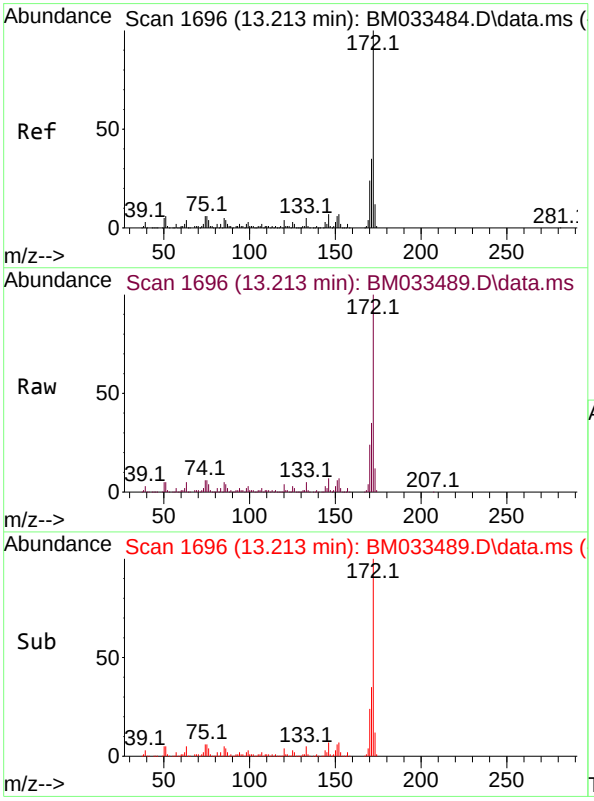
#42
2,4,6-Tribromophenol
Concen: 84.305 ng
RT: 16.078 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM033489.D
Acq: 16 Dec 2021 17:59

Instrument :
BNA_M
ClientSampleId :
PB141339BL

Tgt Ion:330 Resp: 74573

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.5	114.7
141	55.8	35.9	53.9#

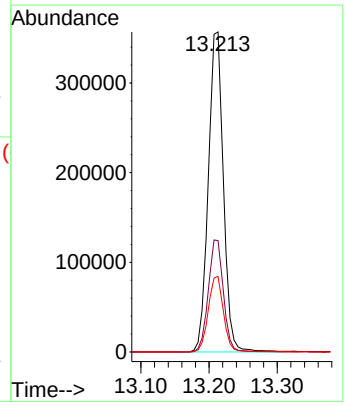


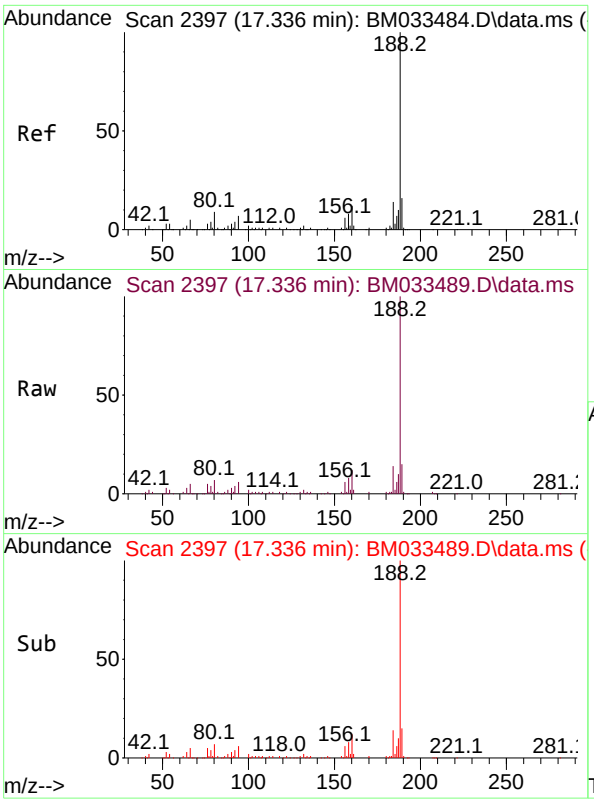


#45
2-Fluorobiphenyl
Concen: 96.946 ng
RT: 13.213 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BM033489.D
Acq: 16 Dec 2021 17:59

Tgt Ion:172 Resp: 551098

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.2	40.8
170	23.6	18.7	28.1



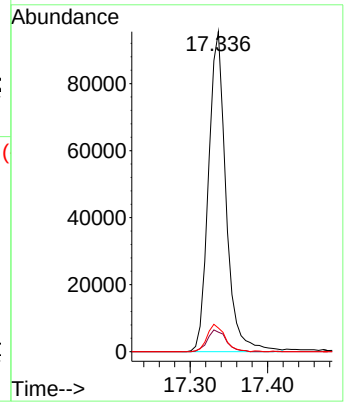


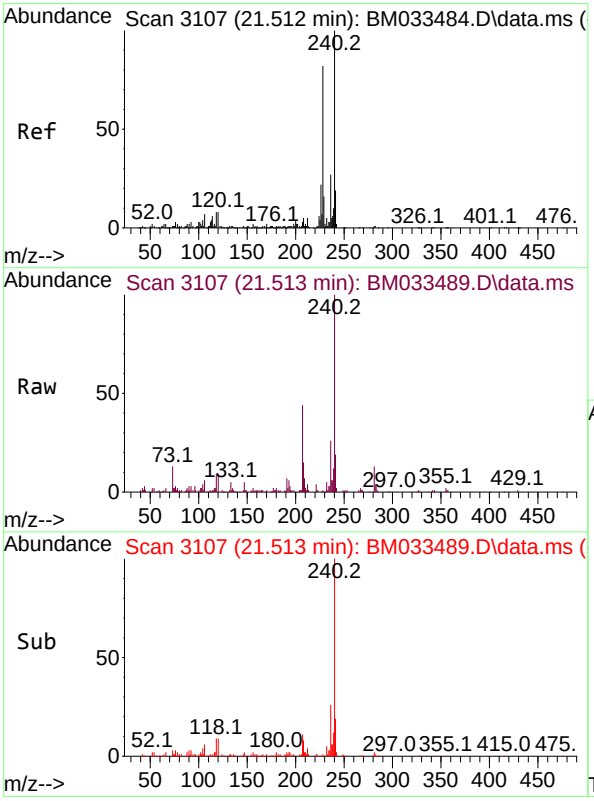
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.336 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM033489.D
Acq: 16 Dec 2021 17:59

Instrument :
BNA_M
ClientSampleId :
PB141339BL

Tgt Ion:188 Resp: 150130

Ion	Ratio	Lower	Upper
188	100		
94	6.1	7.5	11.3#
80	7.4	8.9	13.3#

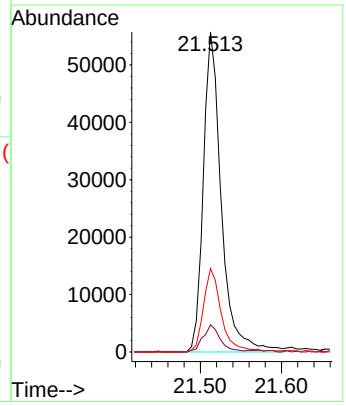


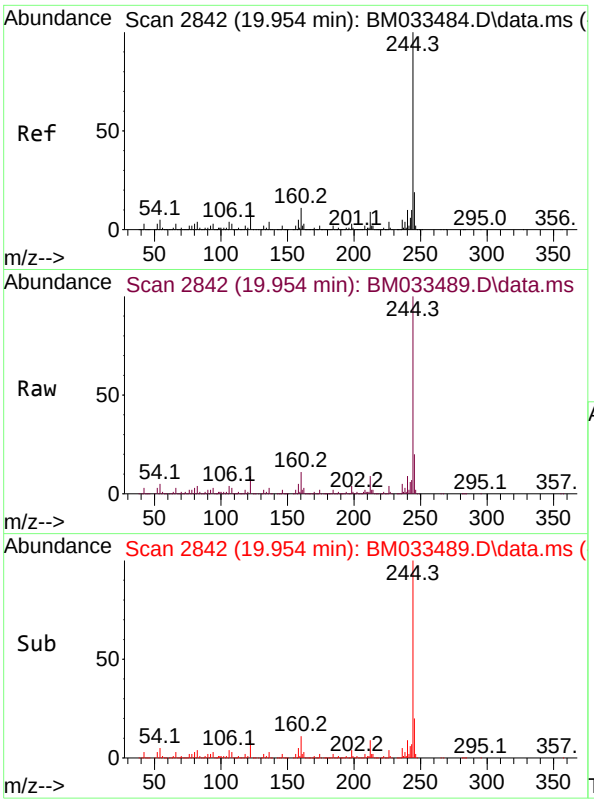


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.513 min Scan# 3107
Delta R.T. 0.001 min
Lab File: BM033489.D
Acq: 16 Dec 2021 17:59

Tgt Ion:240 Resp: 85727

Ion	Ratio	Lower	Upper
240	100		
120	8.5	7.8	11.6
236	26.1	20.3	30.5



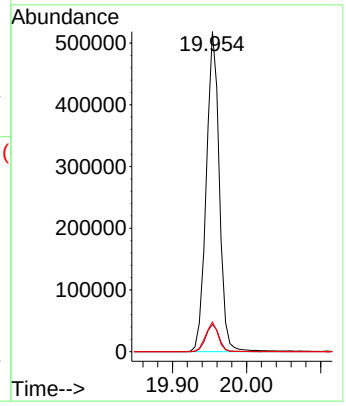


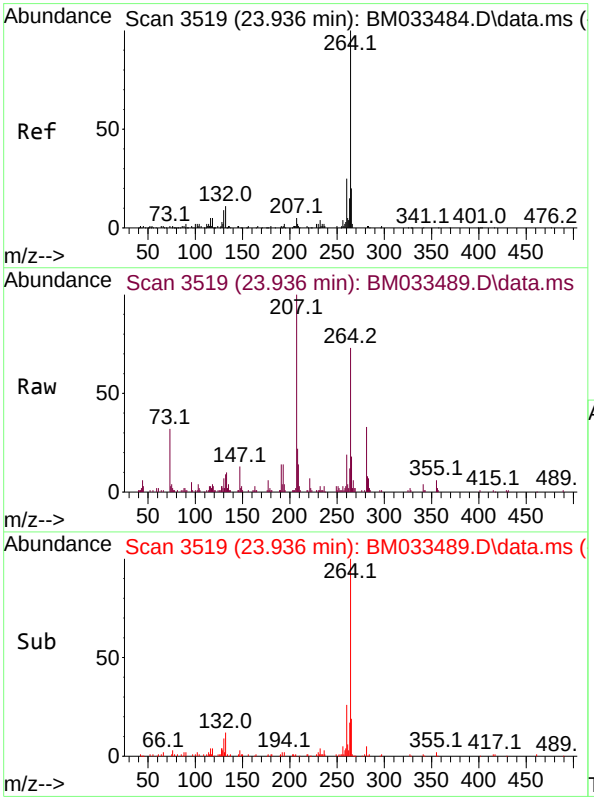
#79
Terphenyl-d14
Concen: 116.764 ng
RT: 19.954 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM033489.D
Acq: 16 Dec 2021 17:59

Instrument :
BNA_M
ClientSampleId :
PB141339BL

Tgt Ion:244 Resp: 635813

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.9	8.9
122	9.3	8.4	12.6

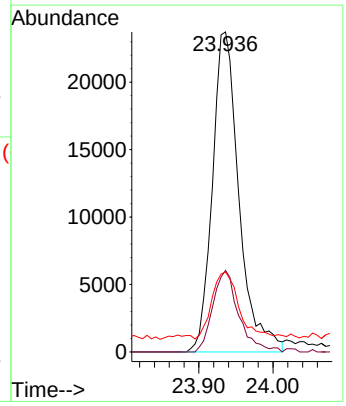


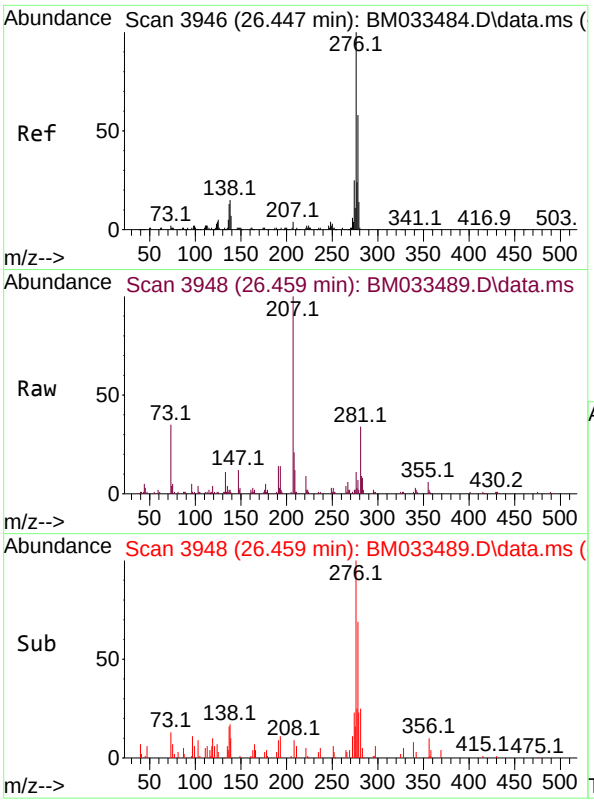


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.936 min Scan# 3519
Delta R.T. -0.000 min
Lab File: BM033489.D
Acq: 16 Dec 2021 17:59

Tgt Ion:264 Resp: 59144

Ion	Ratio	Lower	Upper
264	100		
260	25.5	17.7	26.5
265	25.0	17.7	26.5



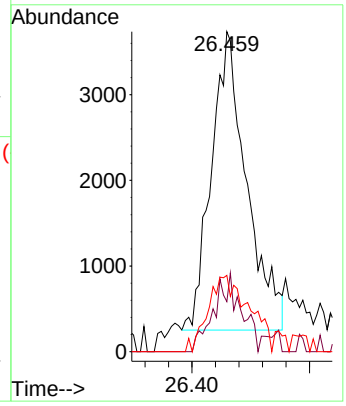


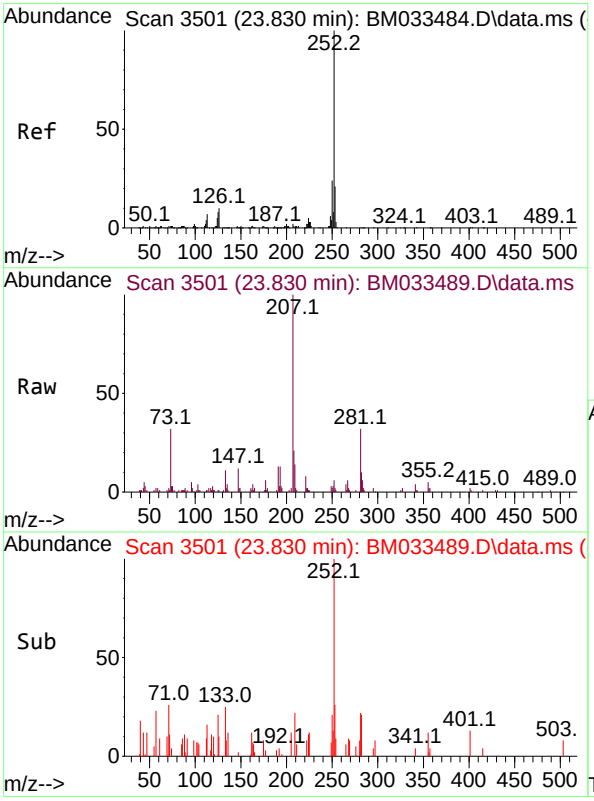
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.323 ng
RT: 26.459 min Scan# 3
Delta R.T. 0.012 min
Lab File: BM033489.D
Acq: 16 Dec 2021 17:59

Instrument :
BNA_M
ClientSampleId :
PB141339BL

Tgt Ion:276 Resp: 14514

Ion	Ratio	Lower	Upper
276	100		
138	10.3	18.7	28.1#
277	29.4	20.2	30.4

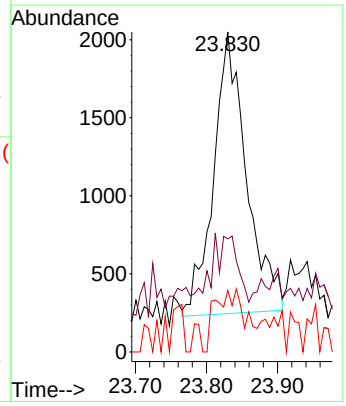


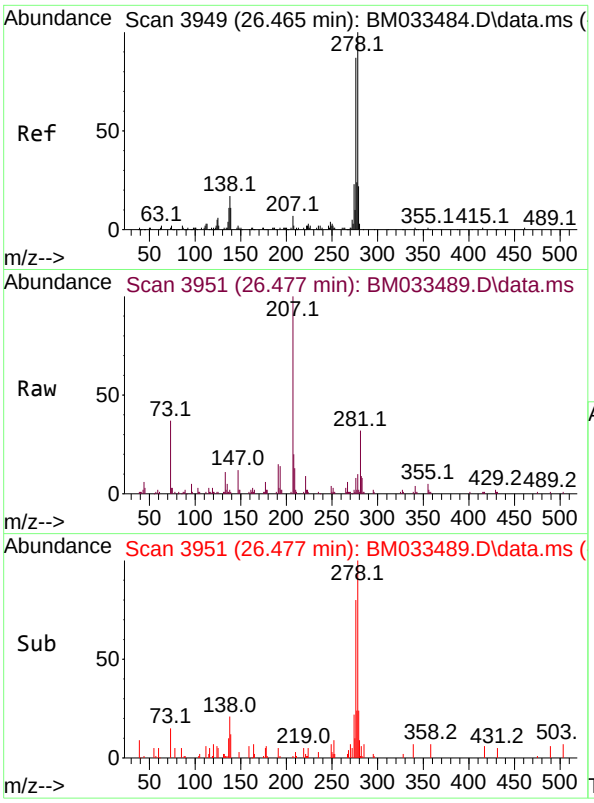


#90
Benzo(a)pyrene
Concen: 2.050 ng
RT: 23.830 min Scan# 3501
Delta R.T. 0.000 min
Lab File: BM033489.D
Acq: 16 Dec 2021 17:59

Tgt Ion:252 Resp: 5818

Ion	Ratio	Lower	Upper
252	100		
253	35.3	17.5	26.3#
125	19.2	7.8	11.8#



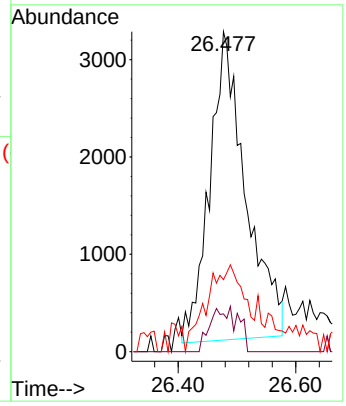


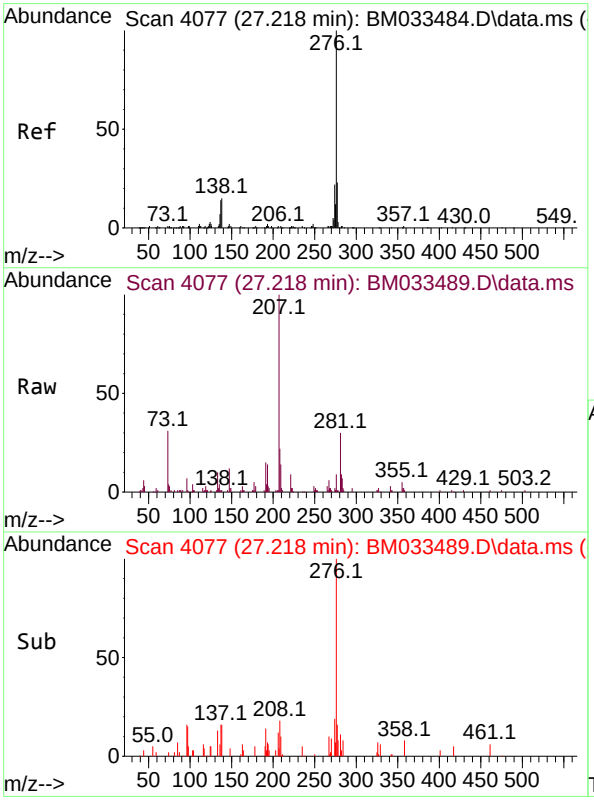
#91
Dibenzo(a,h)anthracene
Concen: 6.585 ng
RT: 26.477 min Scan# 3
Delta R.T. 0.012 min
Lab File: BM033489.D
Acq: 16 Dec 2021 17:59

Instrument :
BNA_M
ClientSampleId :
PB141339BL

Tgt Ion:278 Resp: 13469

Ion	Ratio	Lower	Upper
278	100		
139	11.8	10.9	16.3
279	22.5	17.7	26.5





#92
Benzo(g,h,i)perylene
Concen: 5.237 ng
RT: 27.218 min Scan# 4077
Delta R.T. 0.000 min
Lab File: BM033489.D
Acq: 16 Dec 2021 17:59

Tgt Ion:276 Resp: 13775

Ion	Ratio	Lower	Upper
276	100		
277	16.3	19.1	28.7#
138	16.2	14.8	22.2