Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011422\
Data File : BM033730.D
Acq On : 14 Jan 2022 16:25
Operator : CG/JU
Sample : N1143-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-BOTTOM

Quant Time: Jan 17 00:25:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 13 07:49:01 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	148813	20.000	ng	0.00
21) Naphthalene-d8	10.778	136	623560	20.000	ng	-0.01
39) Acenaphthene-d10	14.601	164	404046	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	731494	20.000	ng	0.00
76) Chrysene-d12	21.500	240	601963	20.000	ng	0.00
86) Perylene-d12	23.918	264	650452	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.507	112	997960	105.765	ng	0.00
7) Phenol-d6	7.119	99	1255192	98.702	ng	0.00
23) Nitrobenzene-d5	9.131	82	860778	63.752	ng	0.00
42) 2,4,6-Tribromophenol	16.083	330	511146	121.121	ng	0.00
45) 2-Fluorobiphenyl	13.230	172	1908253	61.859	ng	-0.01
79) Terphenyl-d14	19.948	244	1962523	58.683	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	10.831	128	164597	4.816	ng	98

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

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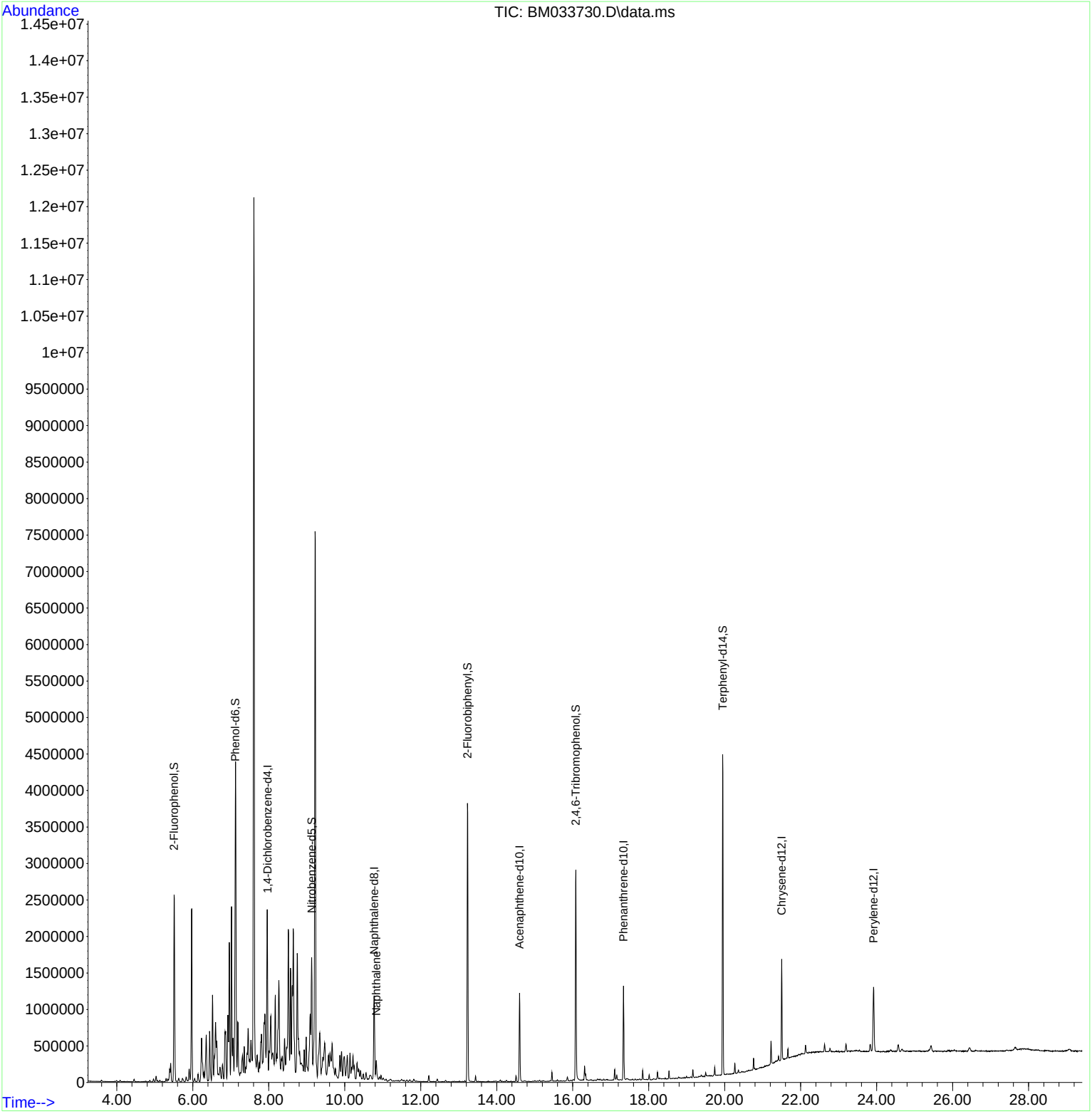
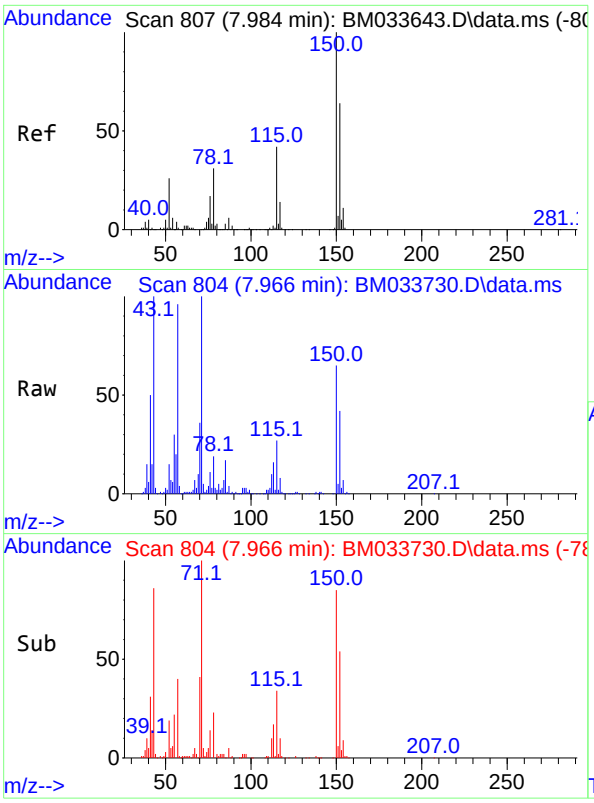


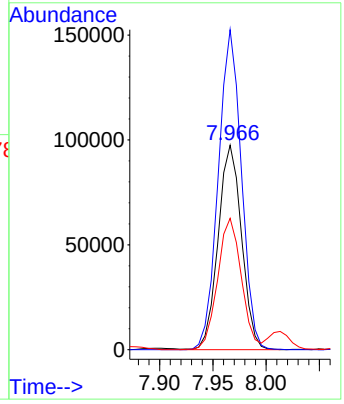


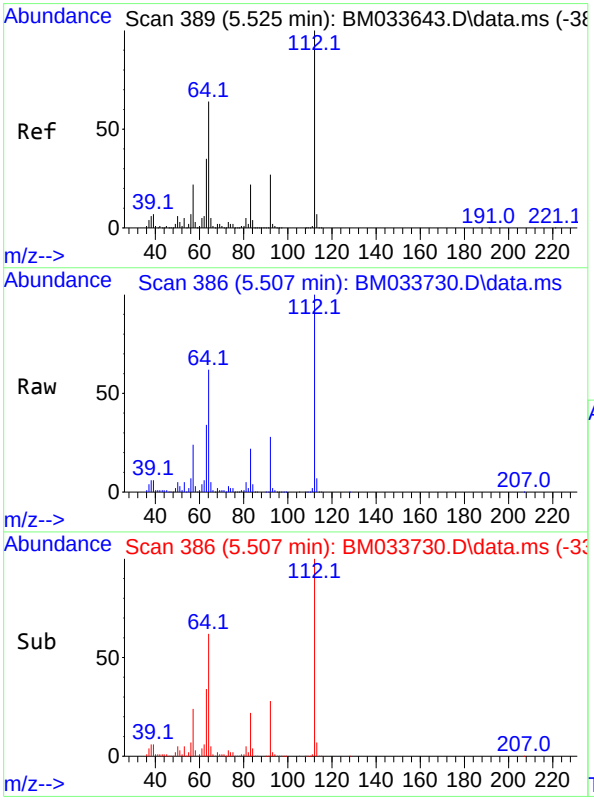
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.966 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM033730.D
Acq: 14 Jan 2022 16:25

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-BOTTOM

Tgt Ion:152 Resp: 148813

Ion	Ratio	Lower	Upper
152	100		
150	156.5	128.9	193.3
115	64.3	53.0	79.6

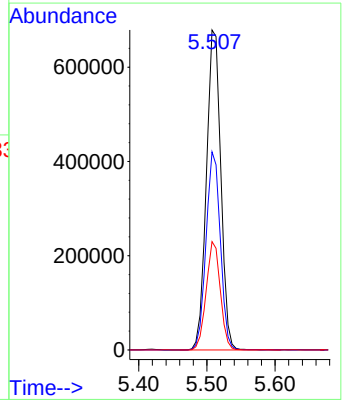


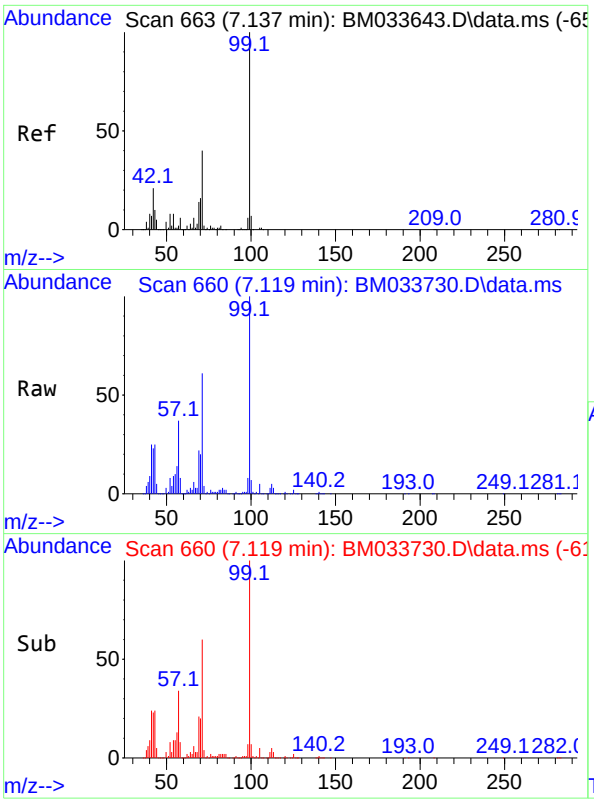


#5
2-Fluorophenol
Concen: 105.765 ng
RT: 5.507 min Scan# 386
Delta R.T. -0.006 min
Lab File: BM033730.D
Acq: 14 Jan 2022 16:25

Tgt Ion:112 Resp: 997960

Ion	Ratio	Lower	Upper
112	100		
64	61.9	55.5	83.3
63	33.8	31.3	46.9



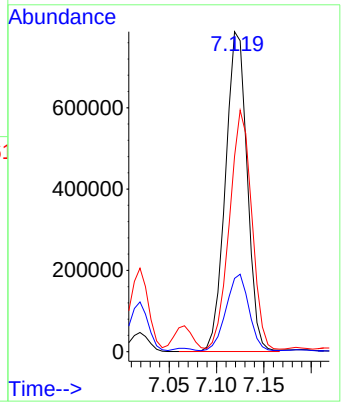


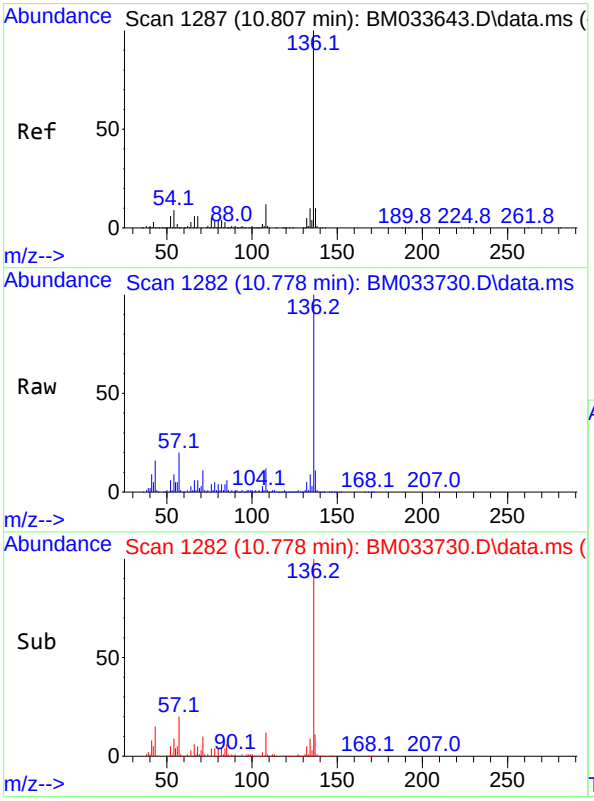
#7
Phenol-d6
Concen: 98.702 ng
RT: 7.119 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM033730.D
Acq: 14 Jan 2022 16:25

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-BOTTOM

Tgt Ion: 99 Resp: 1255192

Ion	Ratio	Lower	Upper
99	100		
42	22.9	20.3	30.5
71	61.1	34.5	51.7#

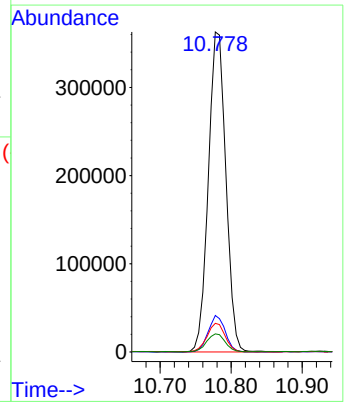


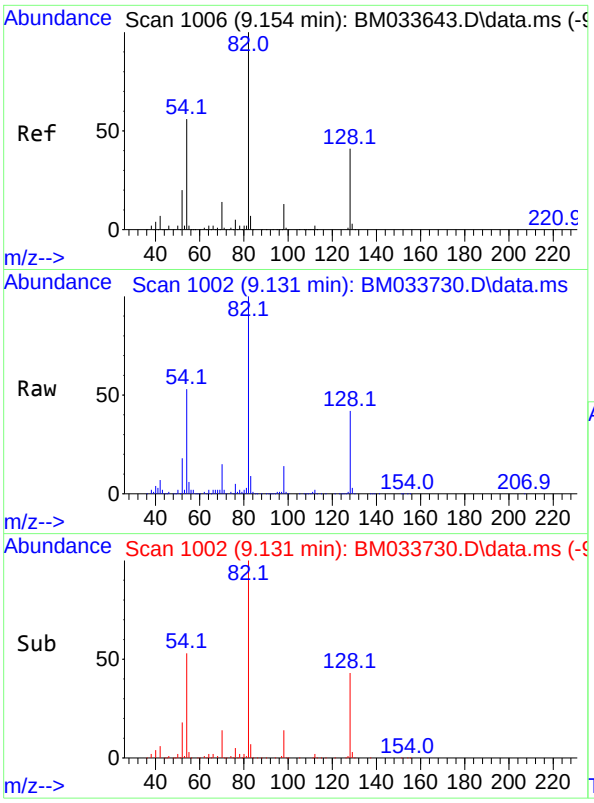


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.778 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BM033730.D
Acq: 14 Jan 2022 16:25

Tgt Ion:136 Resp: 623560

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	8.9	8.3	12.5
68	5.6	5.0	7.6



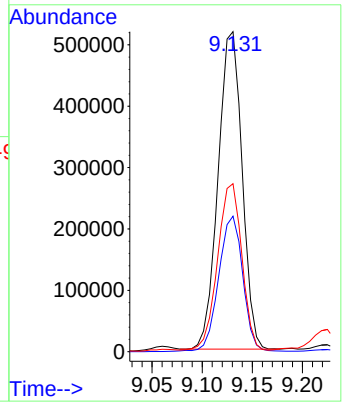


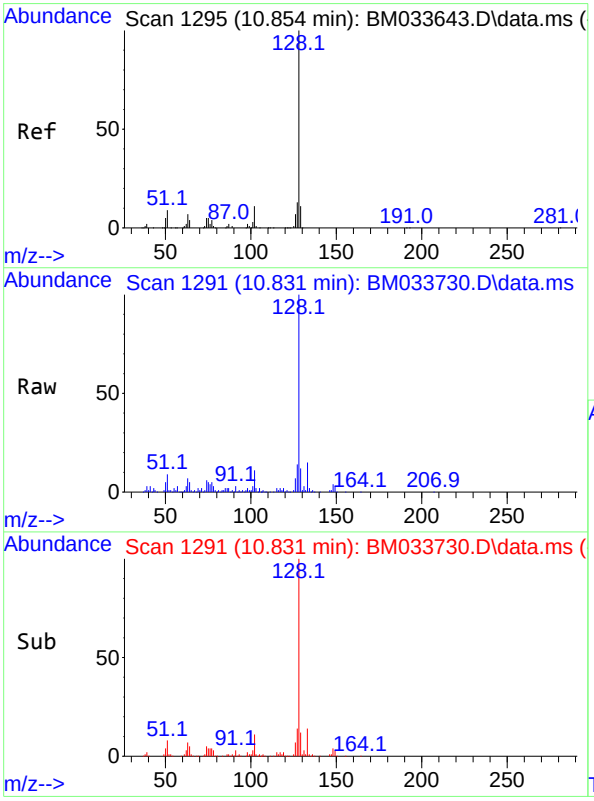
#23
Nitrobenzene-d5
Concen: 63.752 ng
RT: 9.131 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM033730.D
Acq: 14 Jan 2022 16:25

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-BOTTOM

Tgt Ion: 82 Resp: 860778

Ion	Ratio	Lower	Upper
82	100		
128	42.3	28.1	42.1#
54	52.5	46.1	69.1

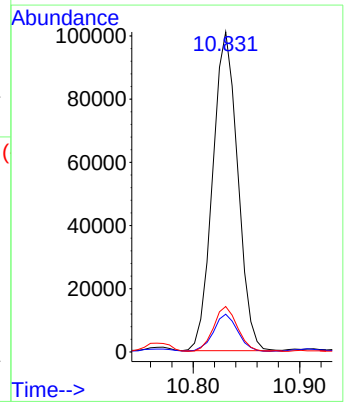


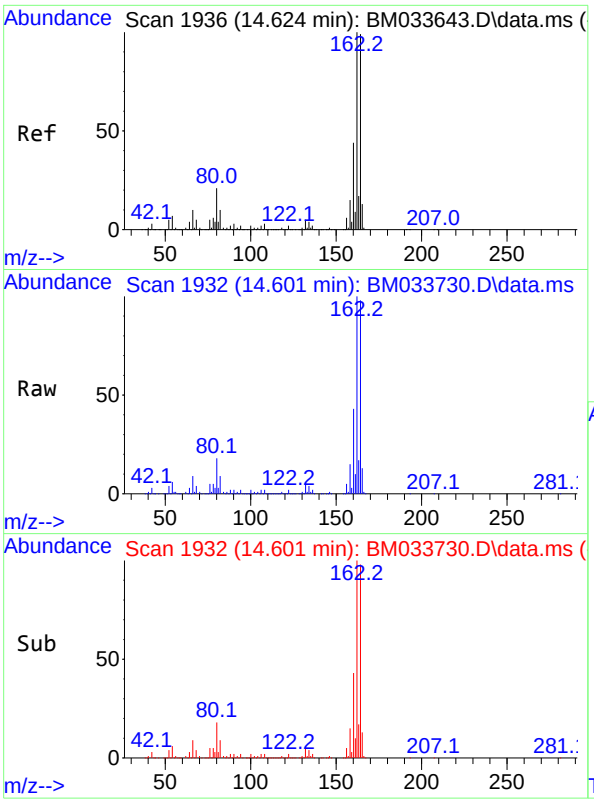


#31
Naphthalene
Concen: 4.816 ng
RT: 10.831 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM033730.D
Acq: 14 Jan 2022 16:25

Tgt Ion:128 Resp: 164597

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.5	12.7
127	14.2	10.8	16.2



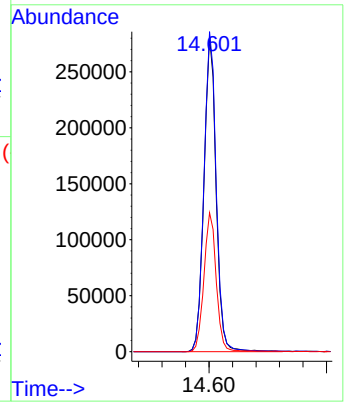


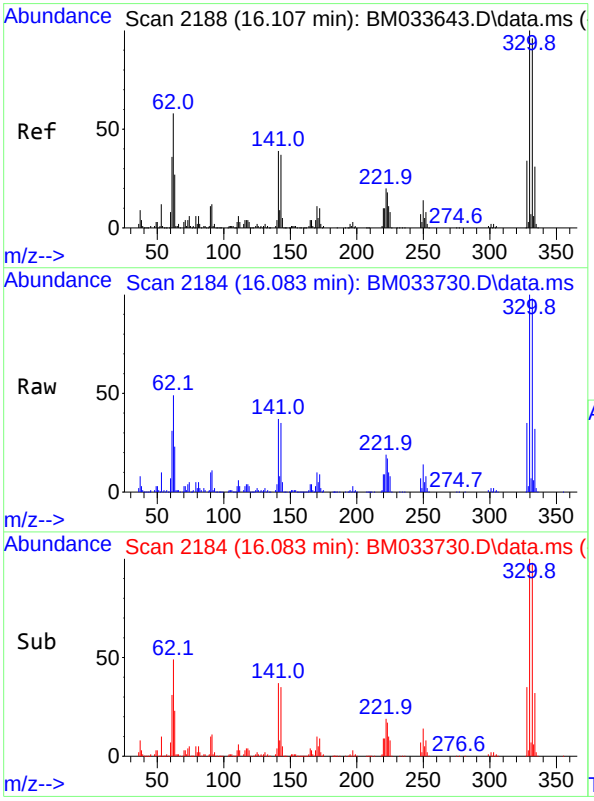
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.601 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033730.D
Acq: 14 Jan 2022 16:25

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-BOTTOM

Tgt Ion:164 Resp: 404046

Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.7	119.5
160	44.2	34.2	51.4

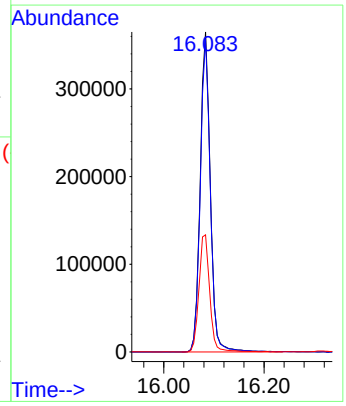


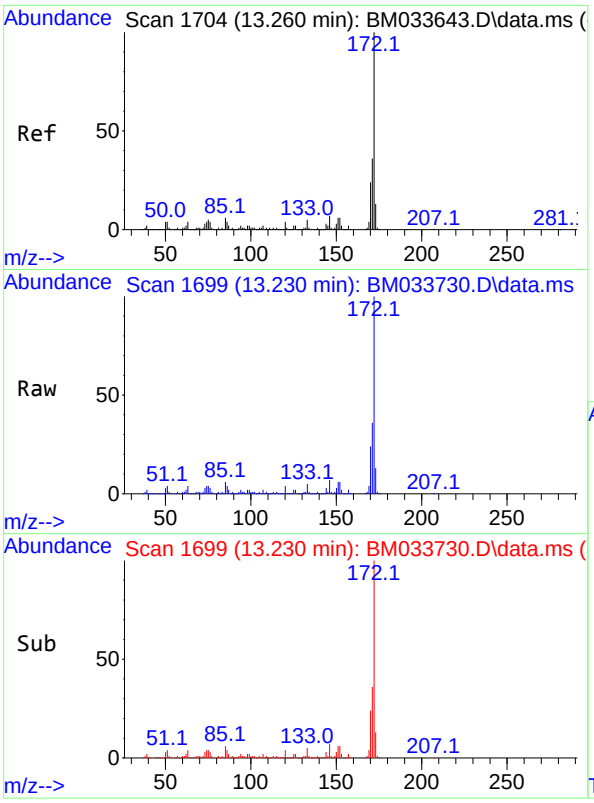


#42
2,4,6-Tribromophenol
Concen: 121.121 ng
RT: 16.083 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM033730.D
Acq: 14 Jan 2022 16:25

Tgt Ion:330 Resp: 511146

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.5	114.7
141	39.1	35.9	53.9



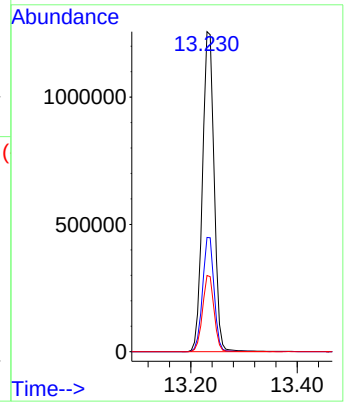


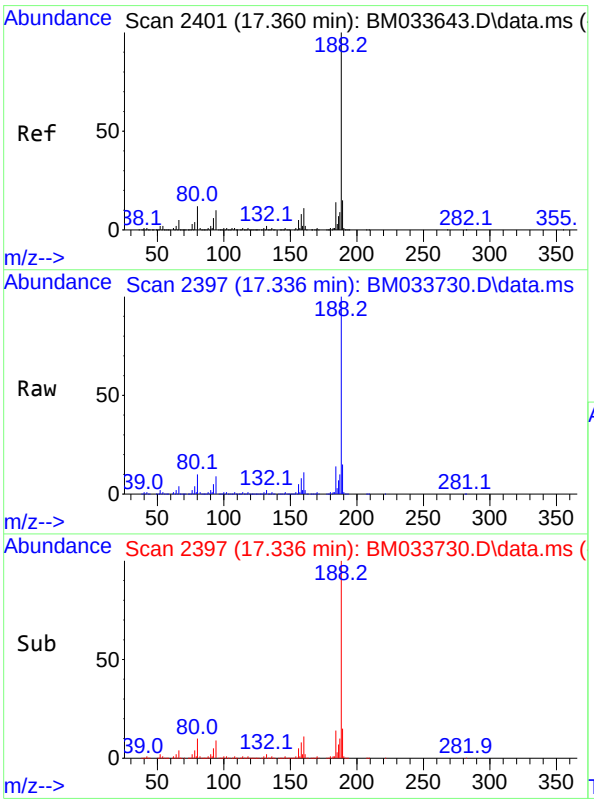
#45
2-Fluorobiphenyl
Concen: 61.859 ng
RT: 13.230 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033730.D
Acq: 14 Jan 2022 16:25

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-BOTTOM

Tgt Ion:172 Resp: 1908253

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.2	40.8
170	23.8	18.7	28.1

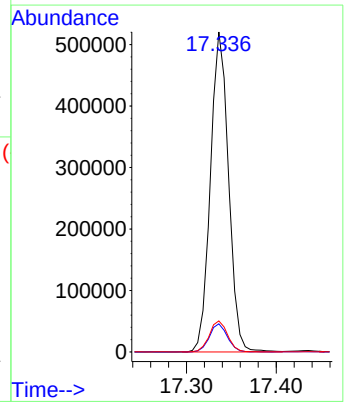


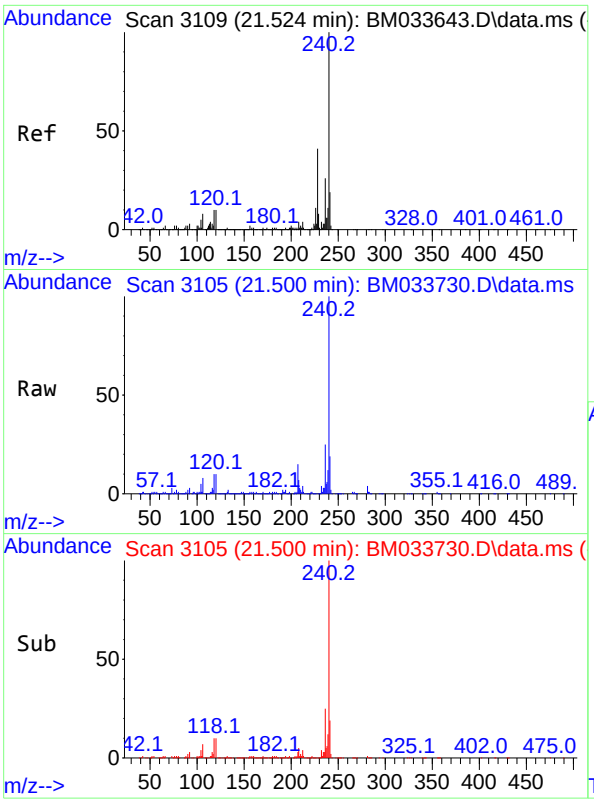


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.336 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BM033730.D
Acq: 14 Jan 2022 16:25

Tgt Ion:188 Resp: 731494

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.5	11.3
80	9.7	8.9	13.3



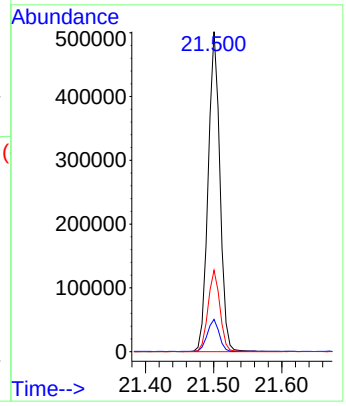


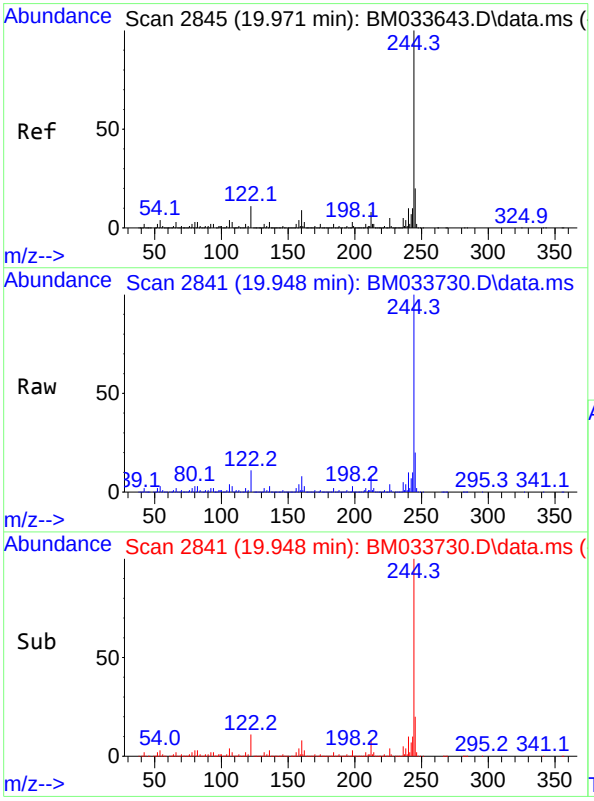
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.500 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM033730.D
Acq: 14 Jan 2022 16:25

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-BOTTOM

Tgt Ion:240 Resp: 601963

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.8	11.6
236	25.4	20.3	30.5

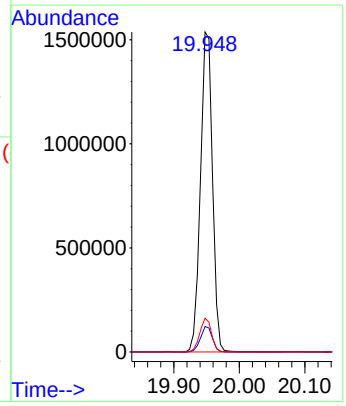


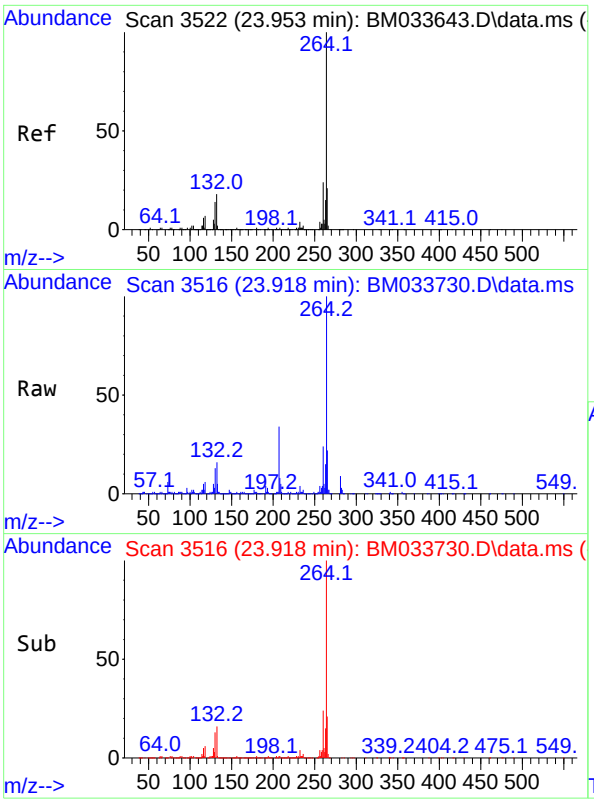


#79
Terphenyl-d14
Concen: 58.683 ng
RT: 19.948 min Scan# 2841
Delta R.T. -0.012 min
Lab File: BM033730.D
Acq: 14 Jan 2022 16:25

Tgt Ion:244 Resp: 1962523

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	10.5	8.4	12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.918 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM033730.D
Acq: 14 Jan 2022 16:25

Instrument :
BNA_M
ClientSampleId :
WEST-BOILER-ROOM-BOTTOM

Tgt Ion:264 Resp: 650452

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.7	26.5
265	22.0	17.7	26.5