Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110821\
Data File : BM032891.D
Acq On : 08 Nov 2021 12:51
Operator : CG/JU
Sample : M4499-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEL-BRIDGE

Quant Time: Nov 08 13:25:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 16:07:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.490	152	85418	20.000	ng	0.00
21) Naphthalene-d8	10.266	136	357996	20.000	ng	# 0.00
39) Acenaphthene-d10	14.148	164	250556	20.000	ng	0.00
64) Phenanthrene-d10	16.883	188	573680	20.000	ng	-0.01
76) Chrysene-d12	21.065	240	617991	20.000	ng	-0.01
86) Perylene-d12	23.177	264	633288	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.084	112	789010	161.038	ng	0.00
7) Phenol-d6	6.696	99	986519	135.207	ng	0.00
23) Nitrobenzene-d5	8.642	82	655323	100.190	ng	0.00
42) 2,4,6-Tribromophenol	15.642	330	434873	154.976	ng	0.00
45) 2-Fluorobiphenyl	12.760	172	1556140	96.328	ng	0.00
79) Terphenyl-d14	19.518	244	2588858	91.460	ng	0.00
Target Compounds						Qvalue

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

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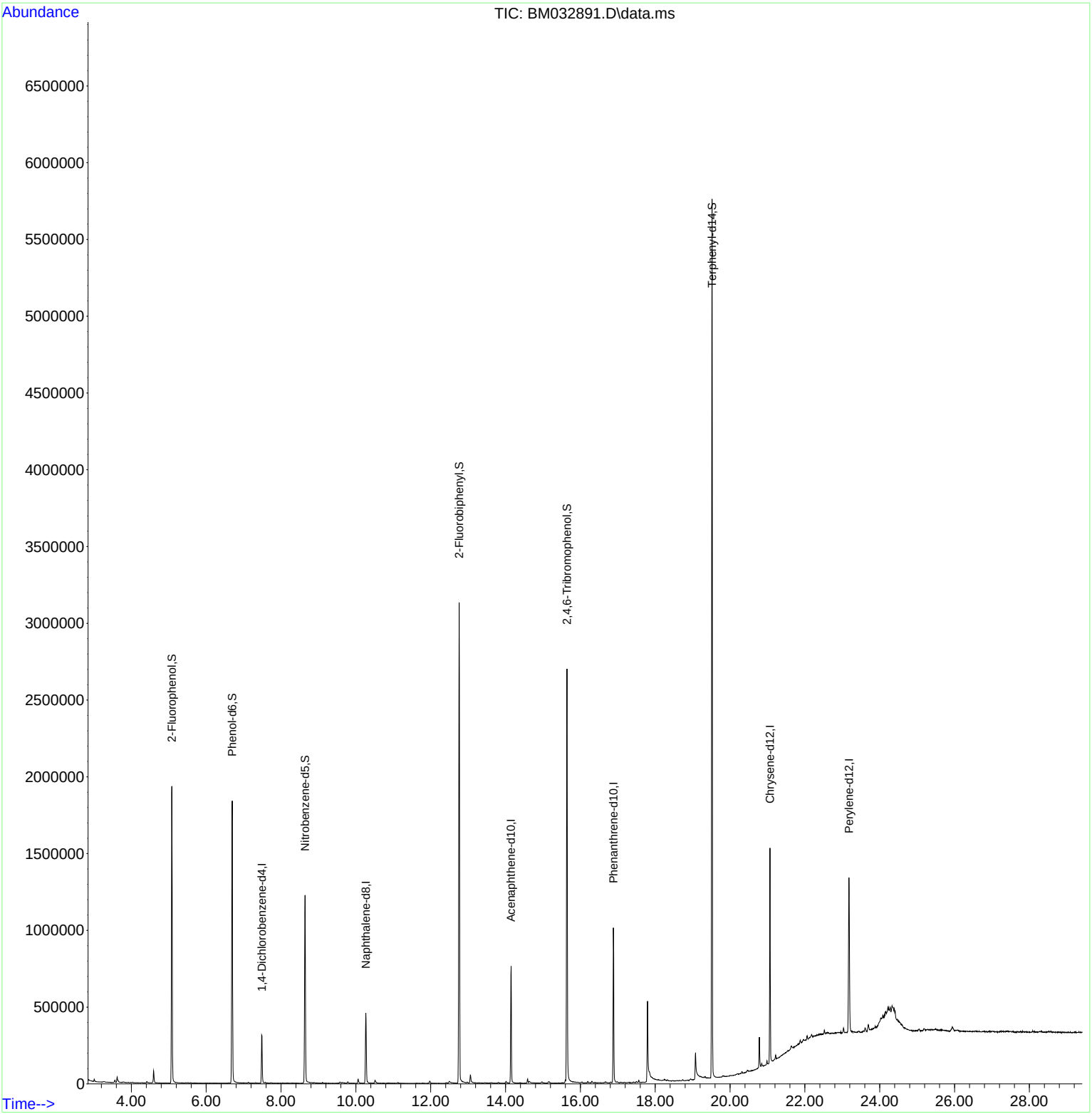
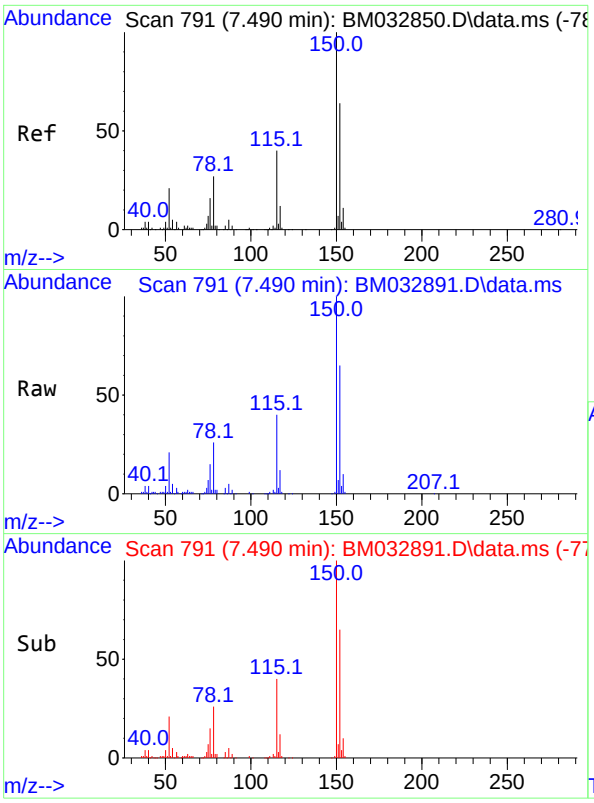


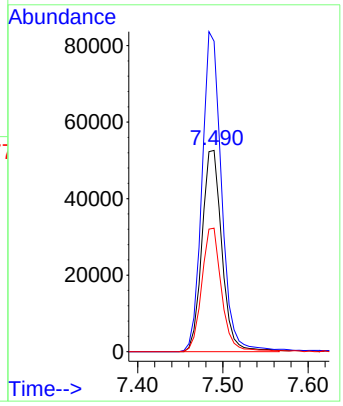


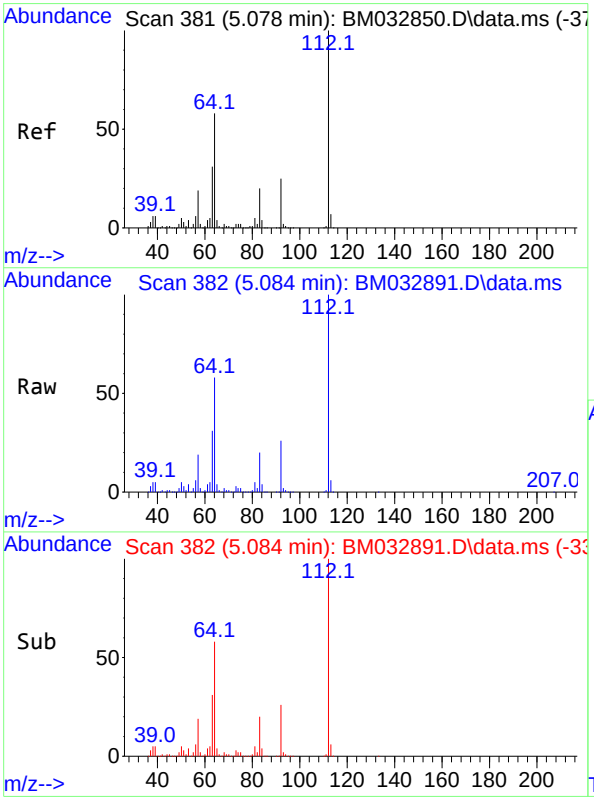
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.490 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM032891.D
Acq: 08 Nov 2021 12:51

Instrument :
BNA_M
ClientSampleId :
WEL-BRIDGE

Tgt Ion:152 Resp: 85418

Ion	Ratio	Lower	Upper
152	100		
150	154.2	122.4	183.6
115	61.4	53.8	80.8

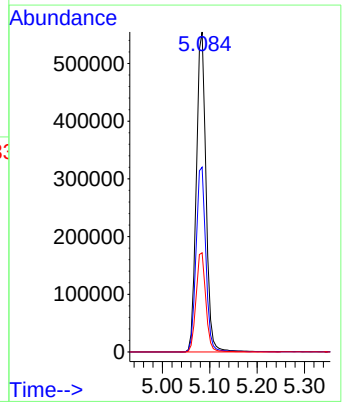


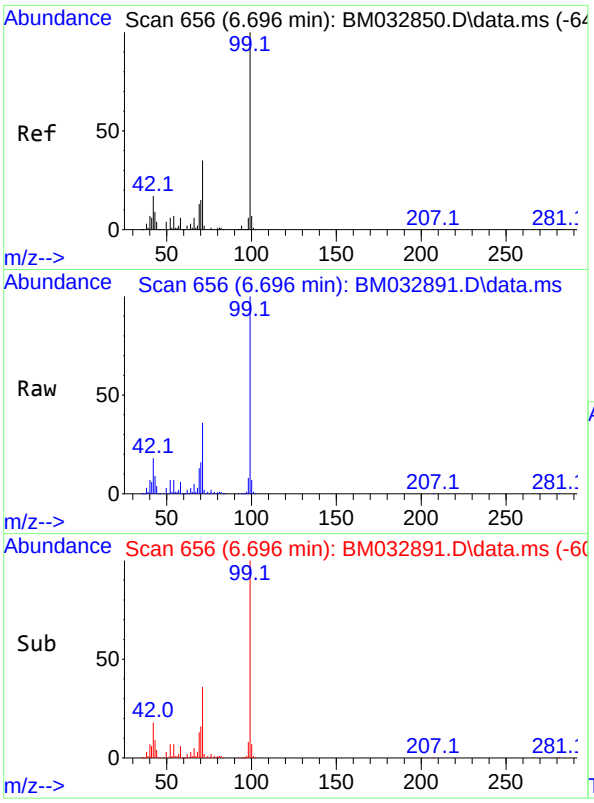


#5
2-Fluorophenol
Concen: 161.038 ng
RT: 5.084 min Scan# 382
Delta R.T. 0.006 min
Lab File: BM032891.D
Acq: 08 Nov 2021 12:51

Tgt Ion:112 Resp: 789010

Ion	Ratio	Lower	Upper
112	100		
64	57.8	53.7	80.5
63	31.0	33.9	50.9#



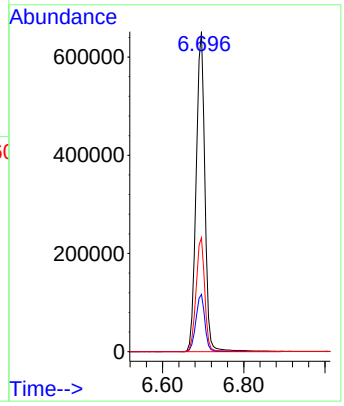


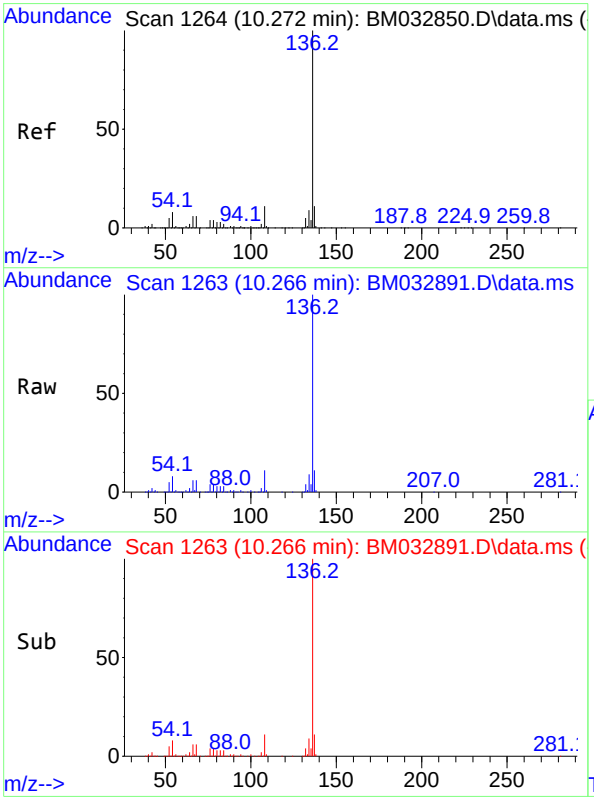
#7
Phenol-d6
Concen: 135.207 ng
RT: 6.696 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM032891.D
Acq: 08 Nov 2021 12:51

Instrument :
BNA_M
ClientSampleId :
WEL-BRIDGE

Tgt Ion: 99 Resp: 986519

Ion	Ratio	Lower	Upper
99	100		
42	17.9	23.0	34.6#
71	35.6	37.8	56.8#

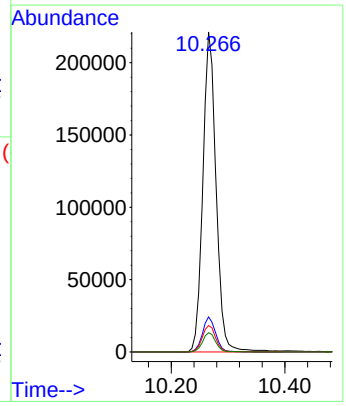


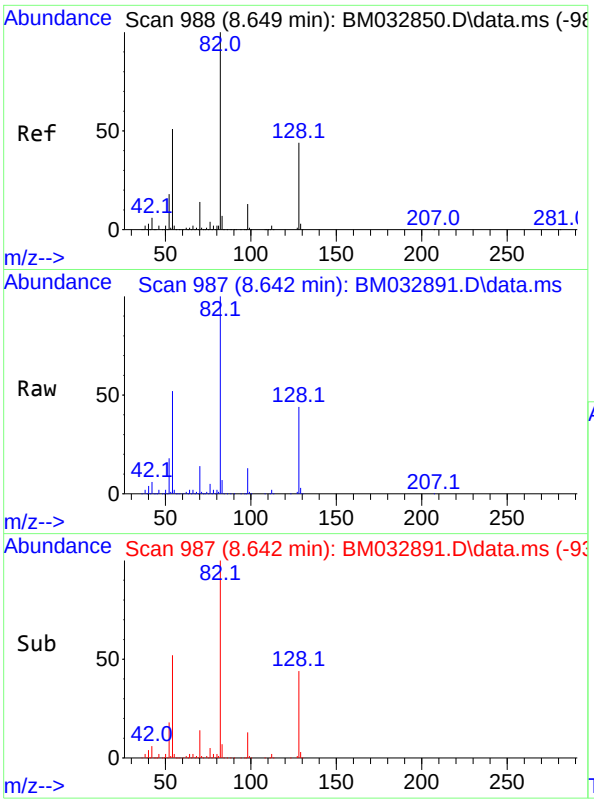


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.266 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BM032891.D
Acq: 08 Nov 2021 12:51

Tgt Ion:136 Resp: 357996

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.3	7.4	11.0
68	6.0	3.8	5.8#



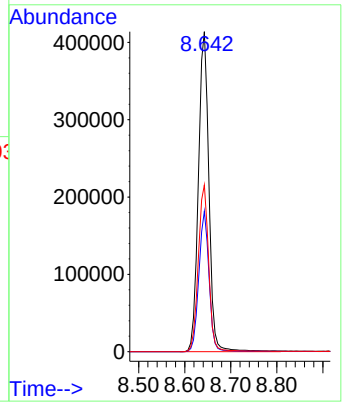


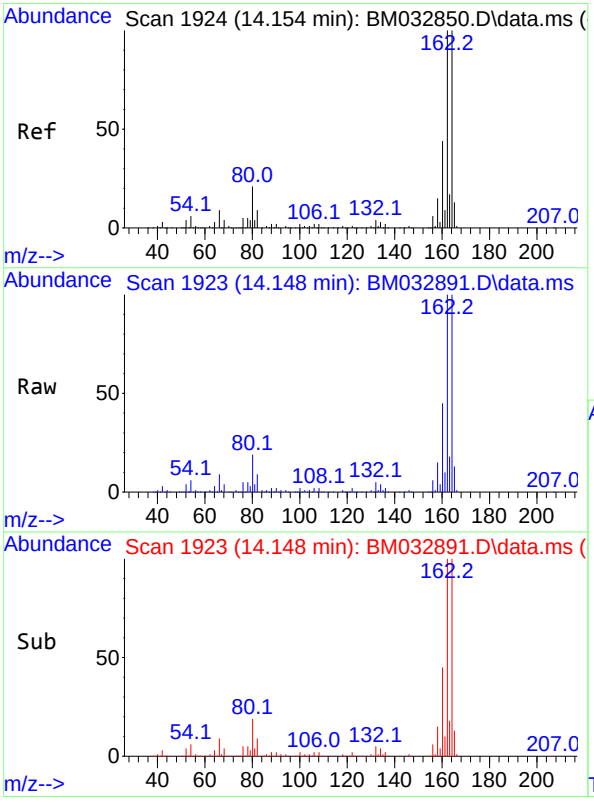
#23
Nitrobenzene-d5
Concen: 100.190 ng
RT: 8.642 min Scan# 9
Delta R.T. -0.006 min
Lab File: BM032891.D
Acq: 08 Nov 2021 12:51

Instrument :
BNA_M
ClientSampleId :
WEL-BRIDGE

Tgt Ion: 82 Resp: 655323

Ion	Ratio	Lower	Upper
82	100		
128	43.9	29.0	43.6#
54	52.1	45.8	68.8

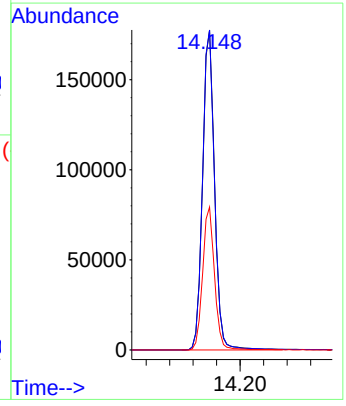


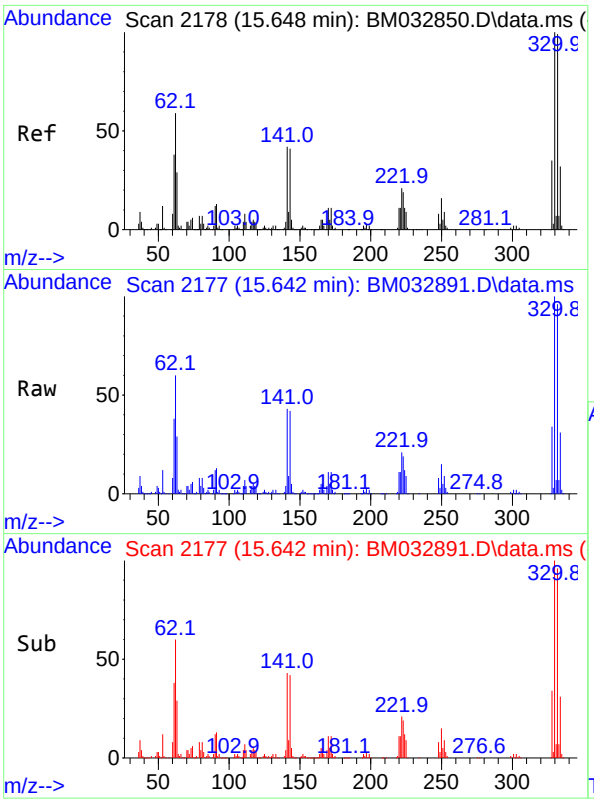


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.148 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BM032891.D
Acq: 08 Nov 2021 12:51

Tgt Ion:164 Resp: 250556

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	121.0
160	44.7	35.1	52.7



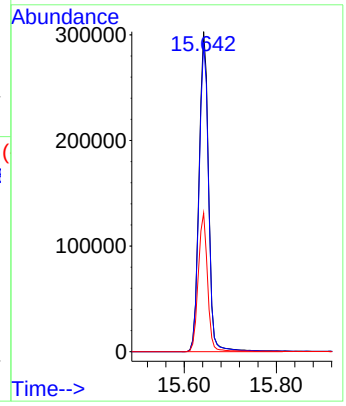


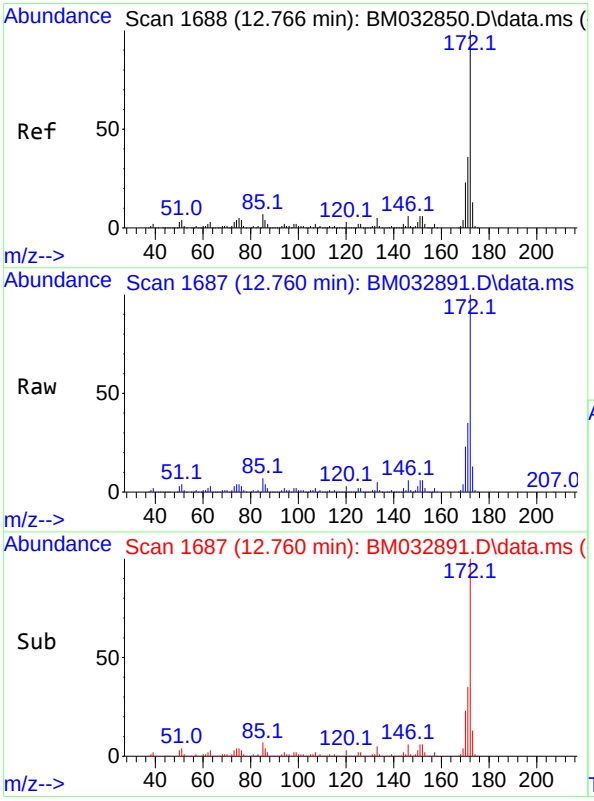
#42
2,4,6-Tribromophenol
Concen: 154.976 ng
RT: 15.642 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM032891.D
Acq: 08 Nov 2021 12:51

Instrument :
BNA_M
ClientSampleId :
WEL-BRIDGE

Tgt Ion:330 Resp: 434873

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.7	113.5
141	42.1	50.7	76.1#

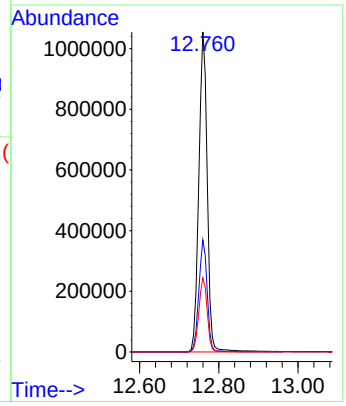


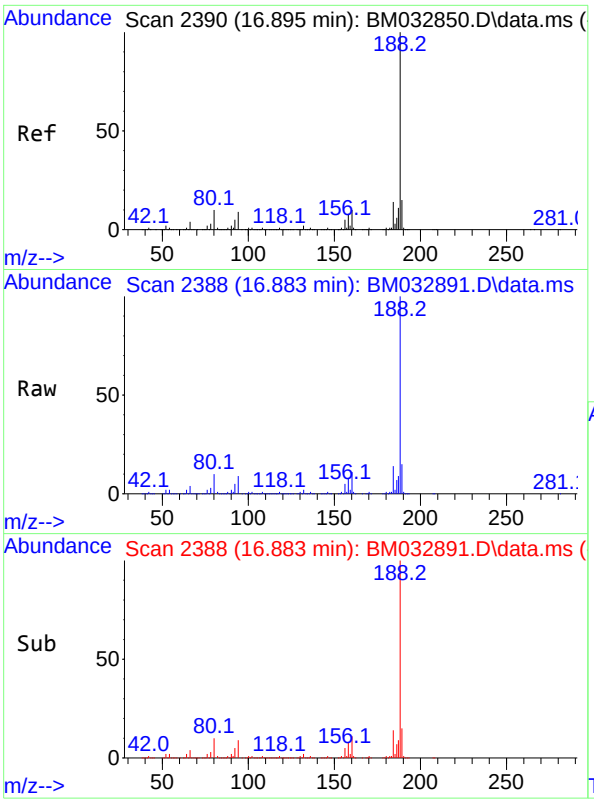


#45
2-Fluorobiphenyl
Concen: 96.328 ng
RT: 12.760 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM032891.D
Acq: 08 Nov 2021 12:51

Tgt Ion:172 Resp: 1556140

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.1	42.1
170	23.2	18.6	27.8



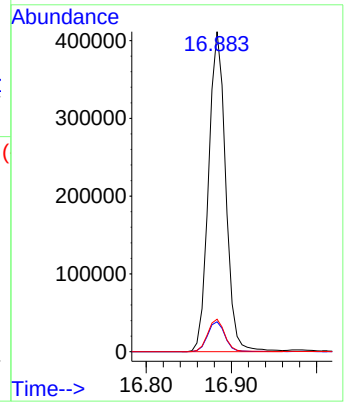


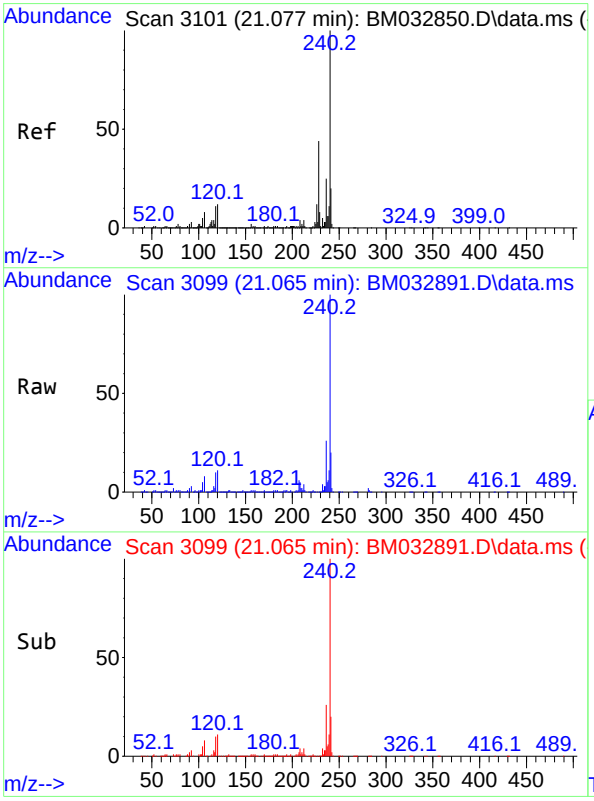
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.883 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM032891.D
Acq: 08 Nov 2021 12:51

Instrument :
BNA_M
ClientSampleId :
WEL-BRIDGE

Tgt Ion:188 Resp: 573680

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.3	9.5
80	10.1	7.3	10.9

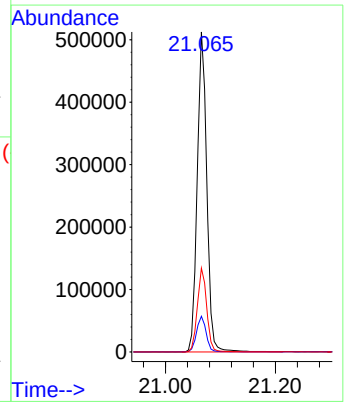


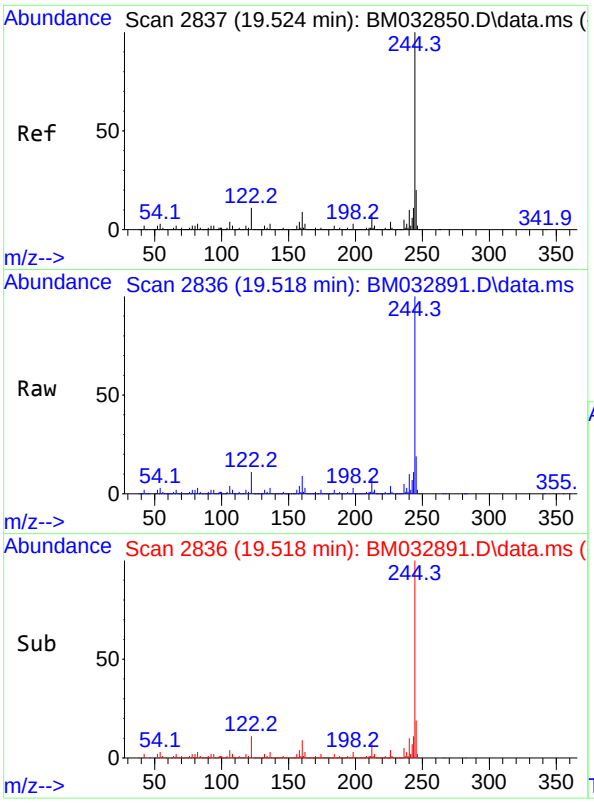


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BM032891.D
Acq: 08 Nov 2021 12:51

Tgt Ion:240 Resp: 617991

Ion	Ratio	Lower	Upper
240	100		
120	11.1	7.8	11.6
236	26.2	20.9	31.3



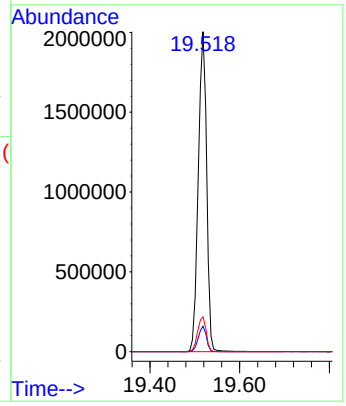


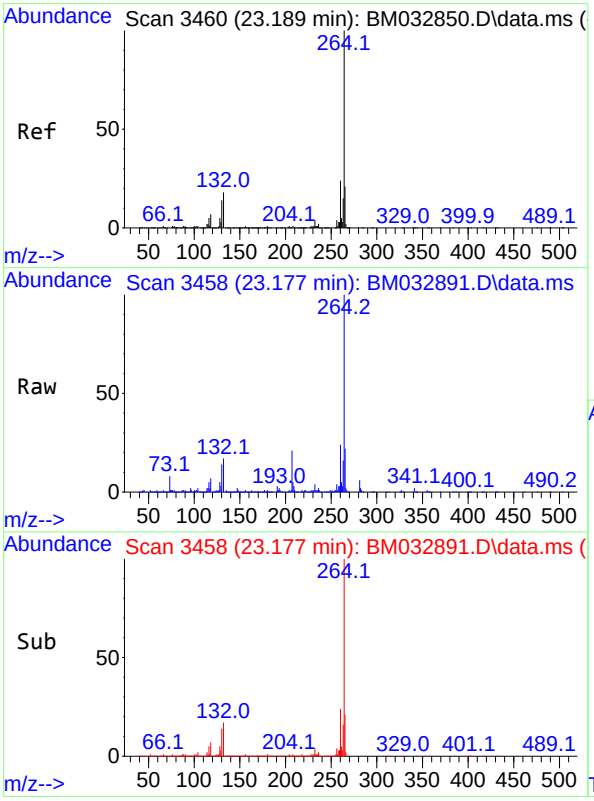
#79
Terphenyl-d14
Concen: 91.460 ng
RT: 19.518 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM032891.D
Acq: 08 Nov 2021 12:51

Instrument :
BNA_M
ClientSampleId :
WEL-BRIDGE

Tgt Ion:244 Resp: 2588858

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	10.9	8.7	13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.177 min Scan# 3458
Delta R.T. -0.012 min
Lab File: BM032891.D
Acq: 08 Nov 2021 12:51

Tgt Ion:264 Resp: 633288

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	21.8	18.3	27.5