Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110421\
Data File : BM032868.D
Acq On : 04 Nov 2021 10:45
Operator : CG/JU
Sample : PB140471BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB140471BL

Quant Time: Nov 04 14:28:53 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	7.489	152	105283	20.000	ng	0.00
21) Naphthalene-d8	10.272	136	461354	20.000	ng	# 0.00
39) Acenaphthene-d10	14.148	164	319031	20.000	ng	0.00
64) Phenanthrene-d10	16.883	188	674975	20.000	ng	#-0.01
76) Chrysene-d12	21.065	240	660867	20.000	ng	#-0.01
86) Perylene-d12	23.183	264	682782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.078	112	955793	158.271	ng	0.00
7) Phenol-d6	6.695	99	1244430	138.374	ng	0.00
23) Nitrobenzene-d5	8.642	82	763634	90.594	ng	0.00
42) 2,4,6-Tribromophenol	15.642	330	442508	123.850	ng	0.00
45) 2-Fluorobiphenyl	12.760	172	1790999	87.070	ng	0.00
79) Terphenyl-d14	19.518	244	2602196	85.967	ng	0.00
Target Compounds						Qvalue

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

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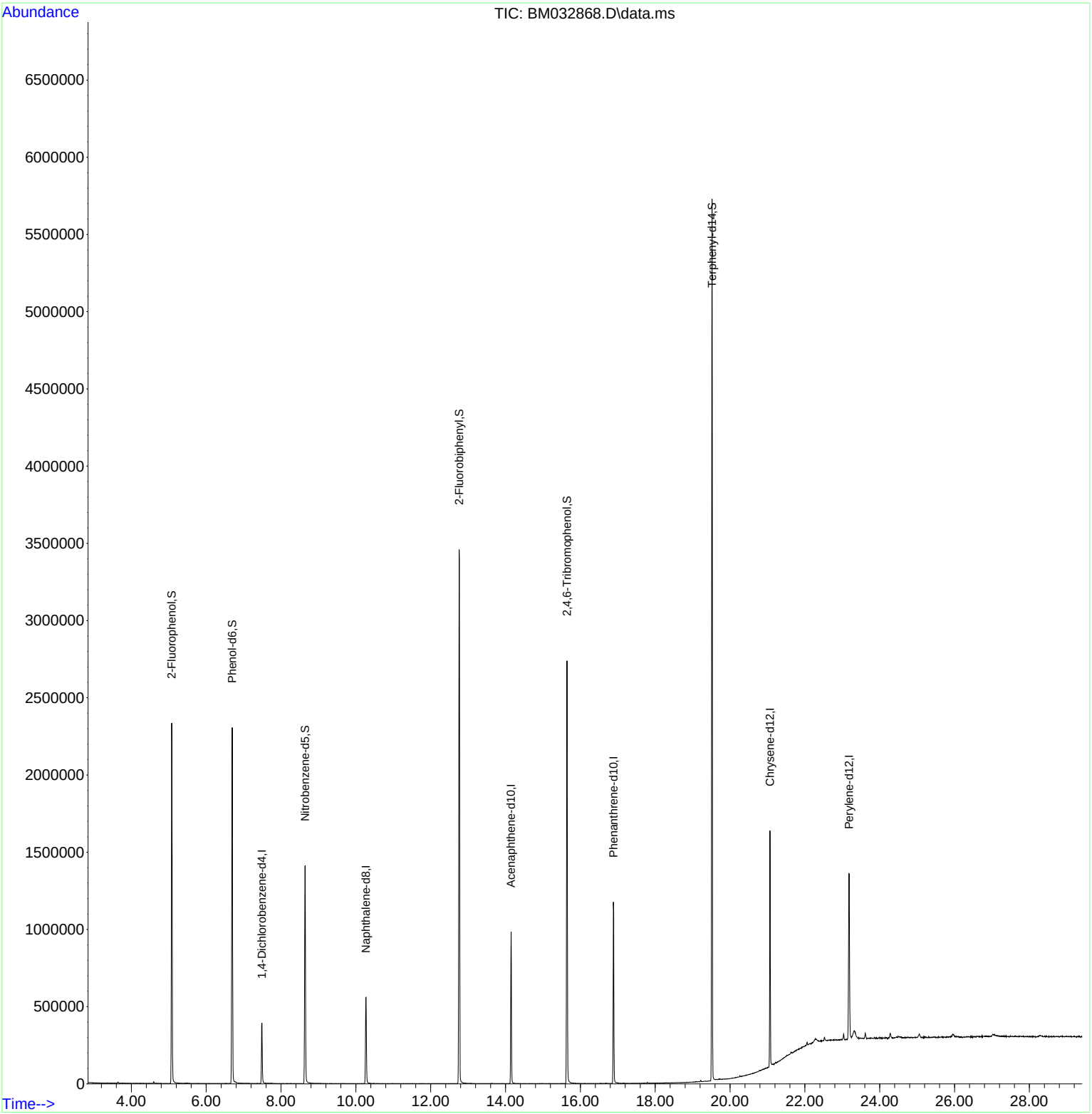
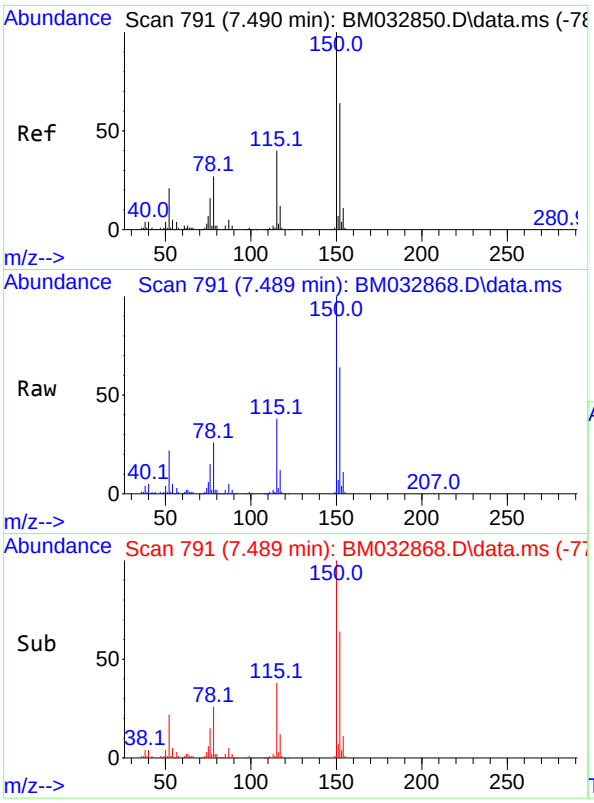


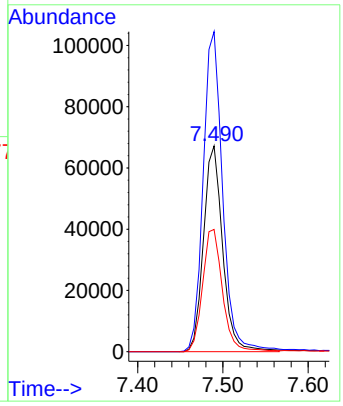


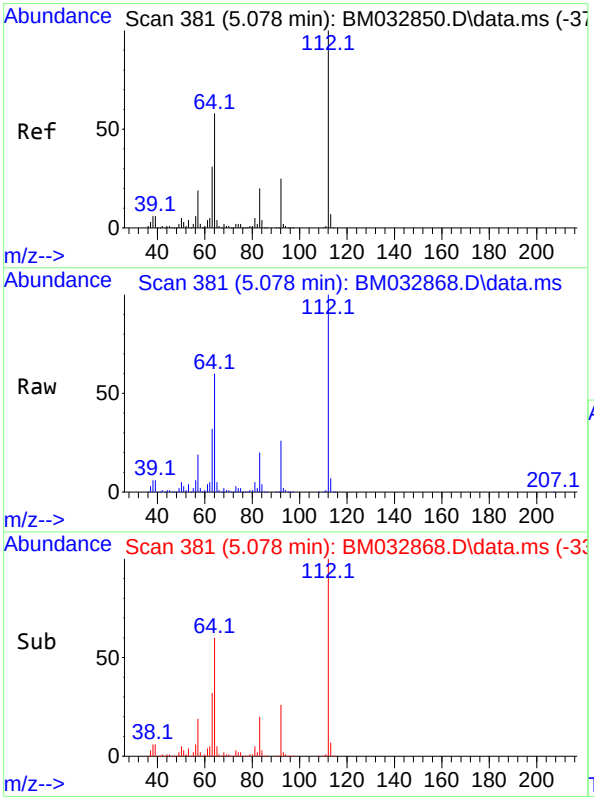
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.489 min Scan# 7
Delta R.T. -0.001 min
Lab File: BM032868.D
Acq: 04 Nov 2021 10:45

Instrument :
BNA_M
ClientSampleId :
PB140471BL

Tgt Ion:152 Resp: 105283

Ion	Ratio	Lower	Upper
152	100		
150	155.5	122.4	183.6
115	59.4	53.8	80.8

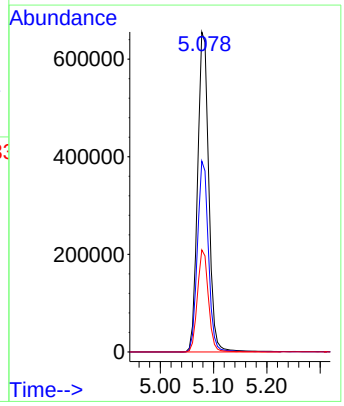


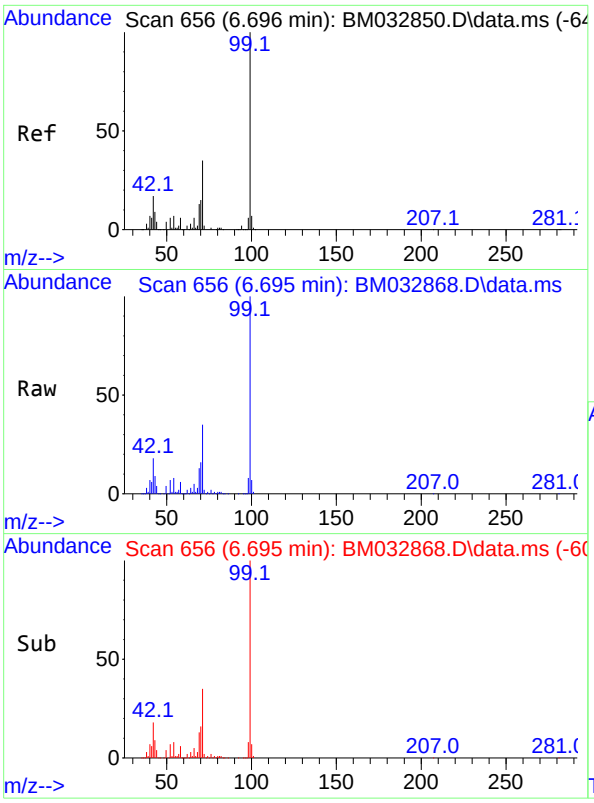


#5
2-Fluorophenol
Concen: 158.271 ng
RT: 5.078 min Scan# 381
Delta R.T. -0.000 min
Lab File: BM032868.D
Acq: 04 Nov 2021 10:45

Tgt Ion:112 Resp: 955793

Ion	Ratio	Lower	Upper
112	100		
64	59.6	53.7	80.5
63	31.9	33.9	50.9#



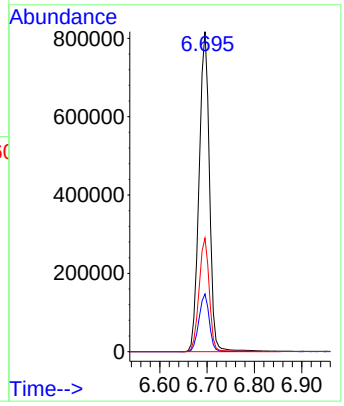


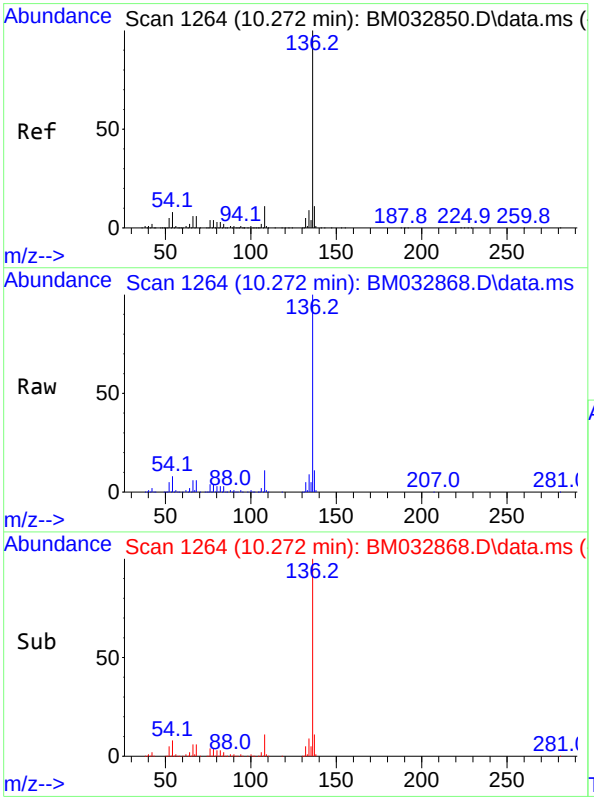
#7
Phenol-d6
Concen: 138.374 ng
RT: 6.695 min Scan# 6
Delta R.T. -0.000 min
Lab File: BM032868.D
Acq: 04 Nov 2021 10:45

Instrument :
BNA_M
ClientSampleId :
PB140471BL

Tgt Ion: 99 Resp: 1244430

Ion	Ratio	Lower	Upper
99	100		
42	18.0	23.0	34.6#
71	35.5	37.8	56.8#

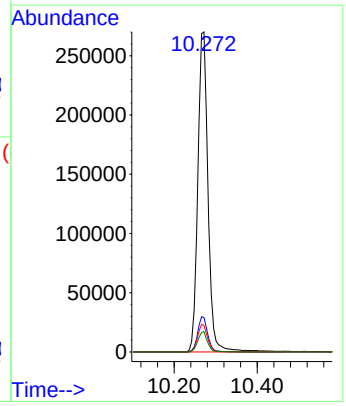


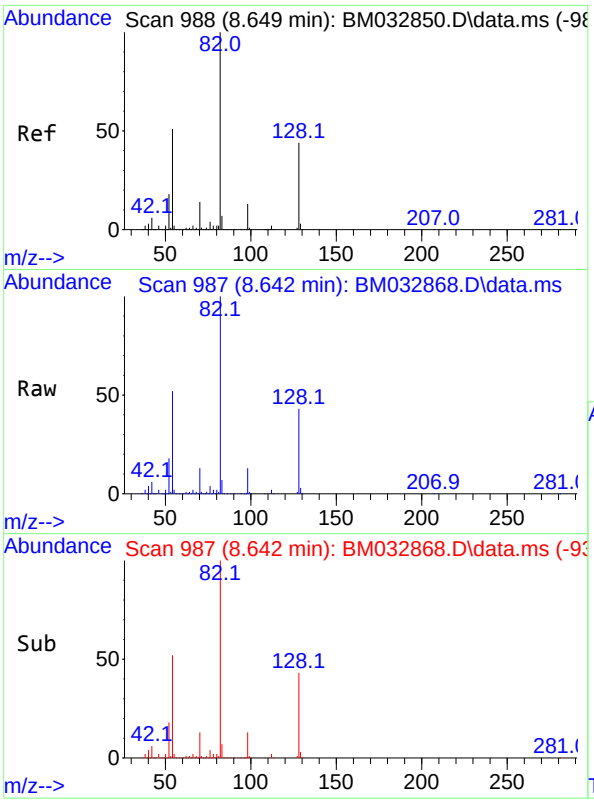


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.272 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BM032868.D
Acq: 04 Nov 2021 10:45

Tgt Ion:136 Resp: 461354

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.3	7.4	11.0
68	6.3	3.8	5.8#



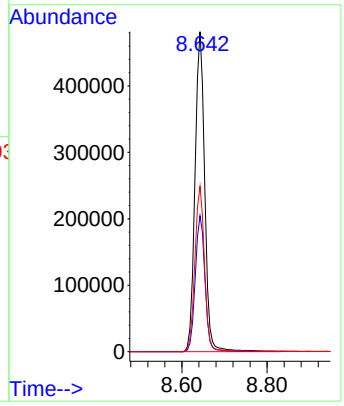


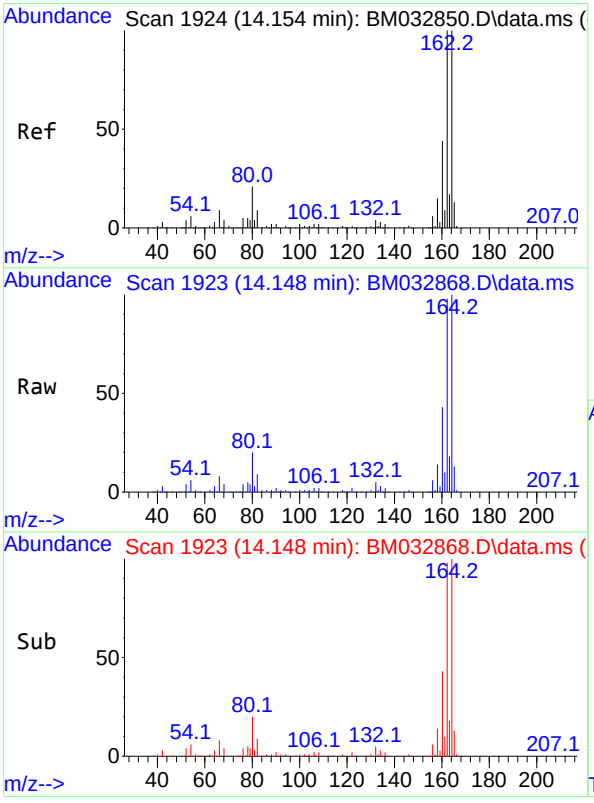
#23
Nitrobenzene-d5
Concen: 90.594 ng
RT: 8.642 min Scan# 9
Delta R.T. -0.006 min
Lab File: BM032868.D
Acq: 04 Nov 2021 10:45

Instrument :
BNA_M
ClientSampleId :
PB140471BL

Tgt Ion: 82 Resp: 763634

Ion	Ratio	Lower	Upper
82	100		
128	42.5	29.0	43.6
54	51.7	45.8	68.8

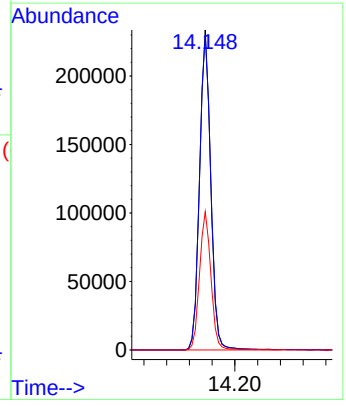


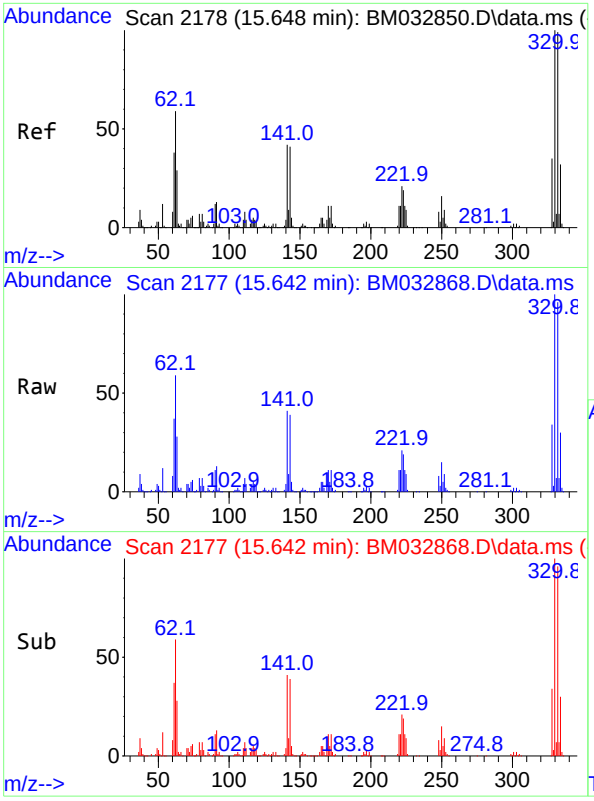


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.148 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BM032868.D
Acq: 04 Nov 2021 10:45

Tgt Ion:164 Resp: 319031

Ion	Ratio	Lower	Upper
164	100		
162	98.4	80.6	121.0
160	43.2	35.1	52.7



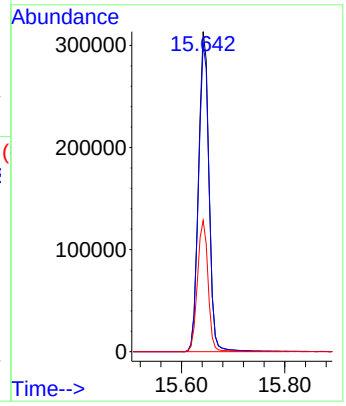


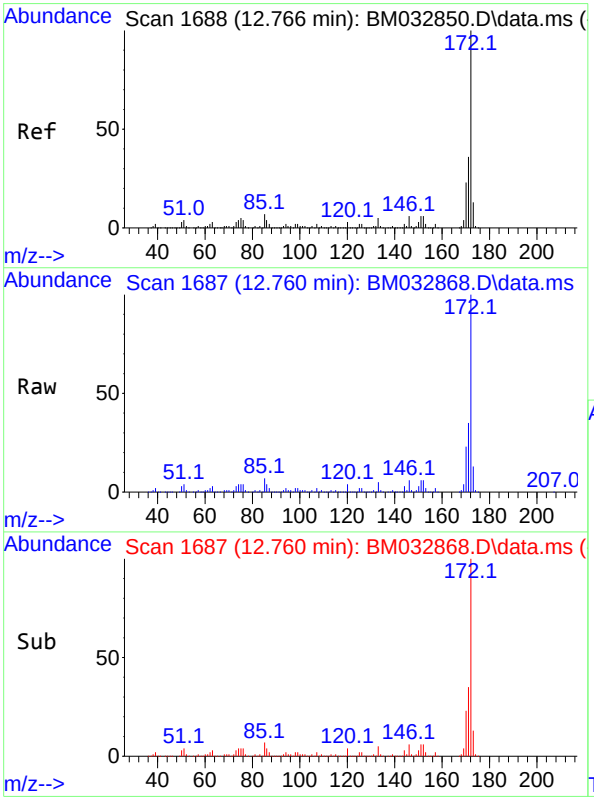
#42
2,4,6-Tribromophenol
Concen: 123.850 ng
RT: 15.642 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM032868.D
Acq: 04 Nov 2021 10:45

Instrument :
BNA_M
ClientSampleId :
PB140471BL

Tgt Ion:330 Resp: 442508

Ion	Ratio	Lower	Upper
330	100		
332	96.6	75.7	113.5
141	41.1	50.7	76.1#

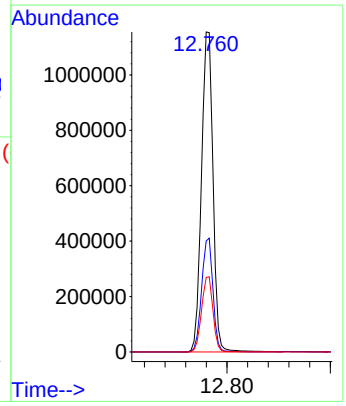


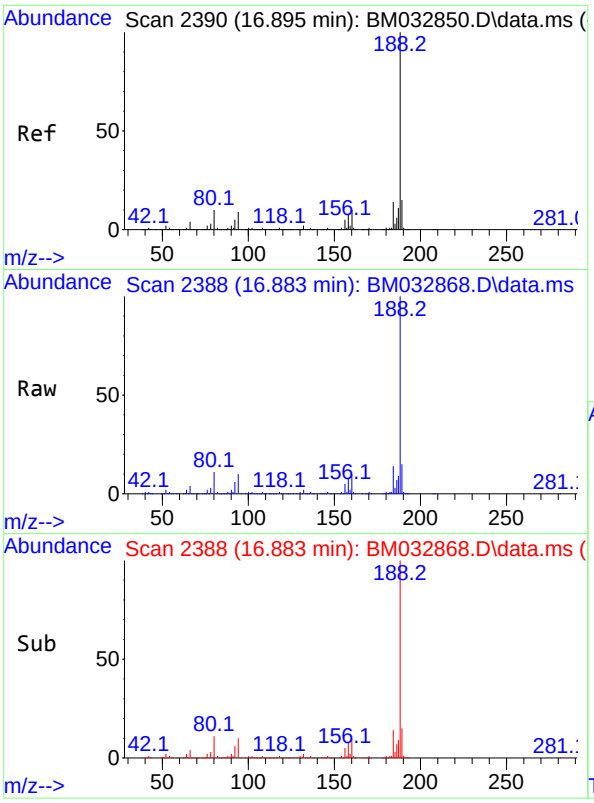


#45
2-Fluorobiphenyl
Concen: 87.070 ng
RT: 12.760 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BM032868.D
Acq: 04 Nov 2021 10:45

Tgt Ion:172 Resp: 1790999

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.1	42.1
170	23.3	18.6	27.8



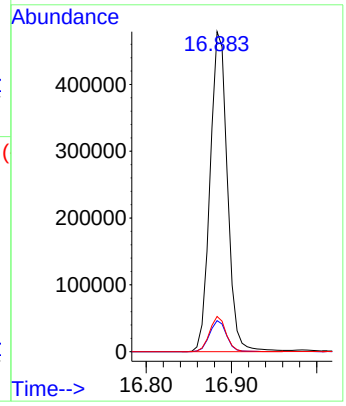


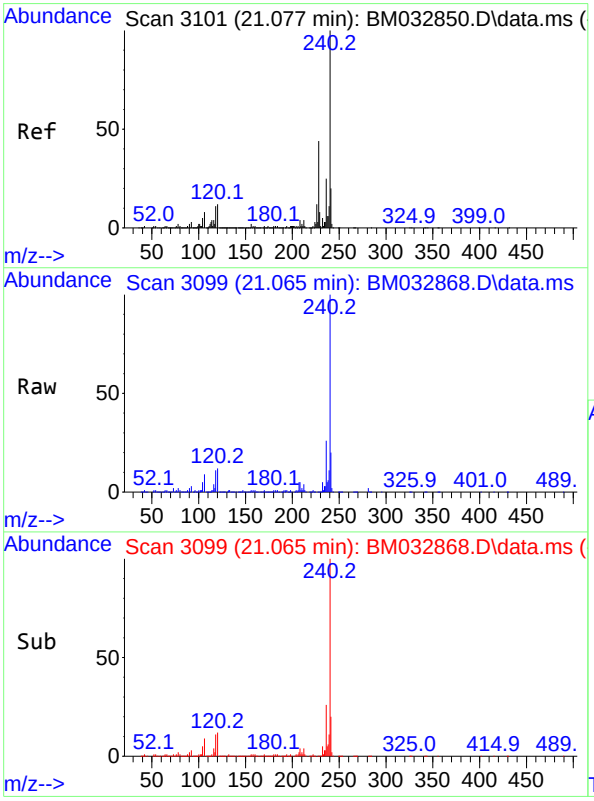
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.883 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM032868.D
Acq: 04 Nov 2021 10:45

Instrument :
BNA_M
ClientSampleId :
PB140471BL

Tgt Ion:188 Resp: 674975

Ion	Ratio	Lower	Upper
188	100		
94	9.7	6.3	9.5#
80	11.0	7.3	10.9#

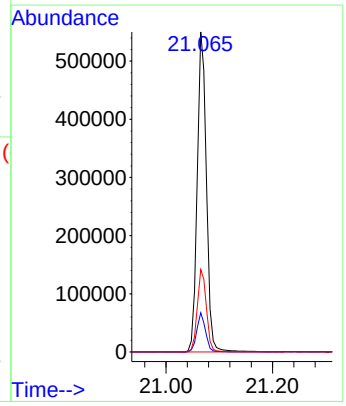


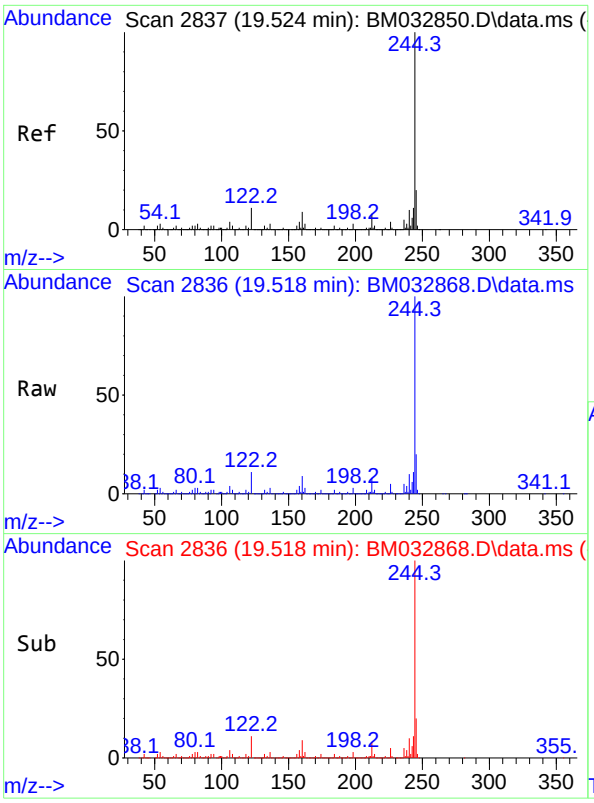


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BM032868.D
Acq: 04 Nov 2021 10:45

Tgt Ion:240 Resp: 660867

Ion	Ratio	Lower	Upper
240	100		
120	12.2	7.8	11.6#
236	25.8	20.9	31.3



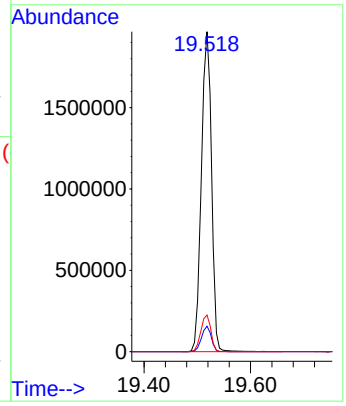


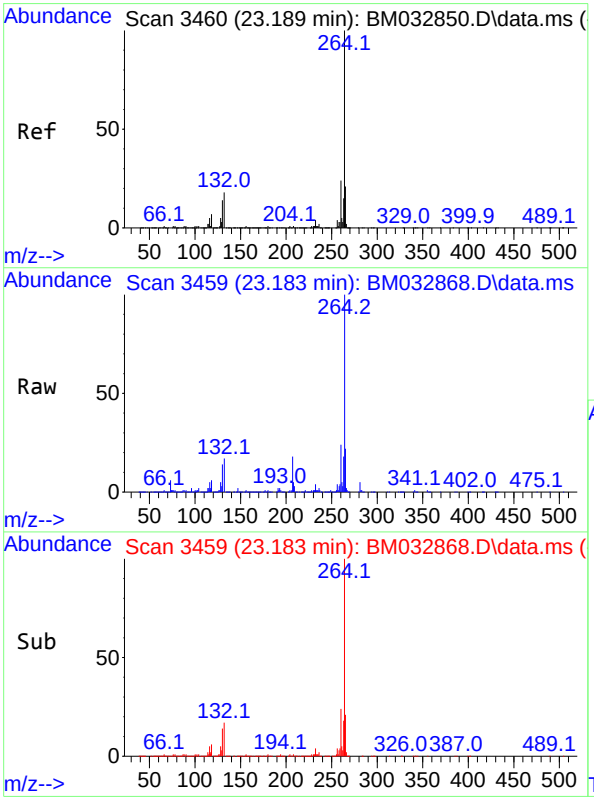
#79
Terphenyl-d14
Concen: 85.967 ng
RT: 19.518 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM032868.D
Acq: 04 Nov 2021 10:45

Instrument :
BNA_M
ClientSampleId :
PB140471BL

Tgt Ion:244 Resp: 2602196

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	11.5	8.7	13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.183 min Scan# 3459
Delta R.T. -0.006 min
Lab File: BM032868.D
Acq: 04 Nov 2021 10:45

Tgt Ion:264 Resp: 682782

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	21.9	18.3	27.5