Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
Data File : BM035159.D
Acq On : 19 May 2022 19:09
Operator : CG/JU
Sample : N2914-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-1

Quant Time: May 20 04:56:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 04:53:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	156575	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	607177	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	369930	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	736639	20.000	ng	0.00
76) Chrysene-d12	21.468	240	738153	20.000	ng	0.00
86) Perylene-d12	23.856	264	802408	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	966892	108.945	ng	0.00
7) Phenol-d6	7.075	99	1212515	105.830	ng	0.00
23) Nitrobenzene-d5	9.063	82	798058	70.978	ng	0.00
42) 2,4,6-Tribromophenol	16.027	330	443484	110.207	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1712320	67.195	ng	0.00
79) Terphenyl-d14	19.915	244	2577705	67.614	ng	0.00
Target Compounds						Qvalue

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

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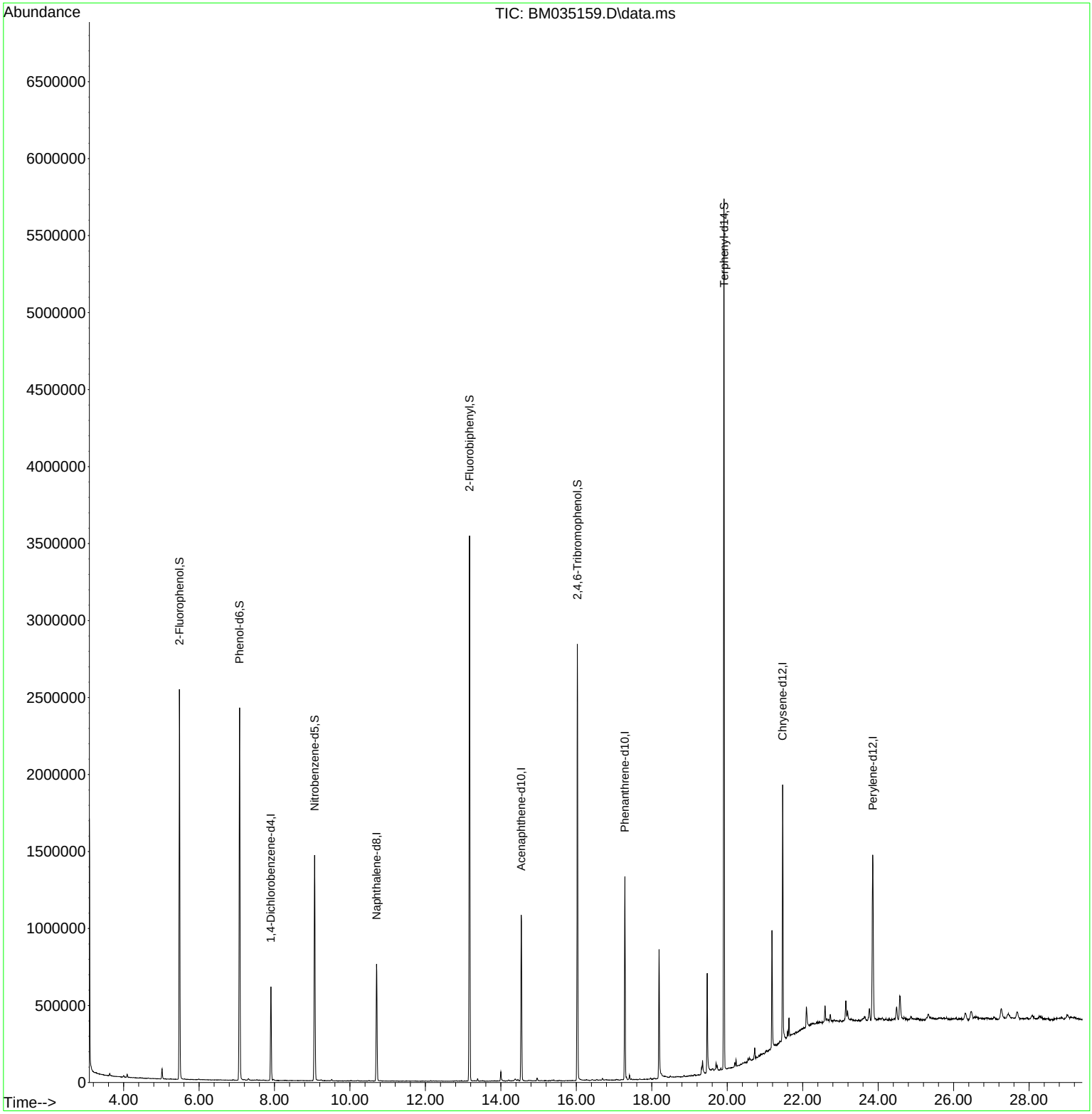
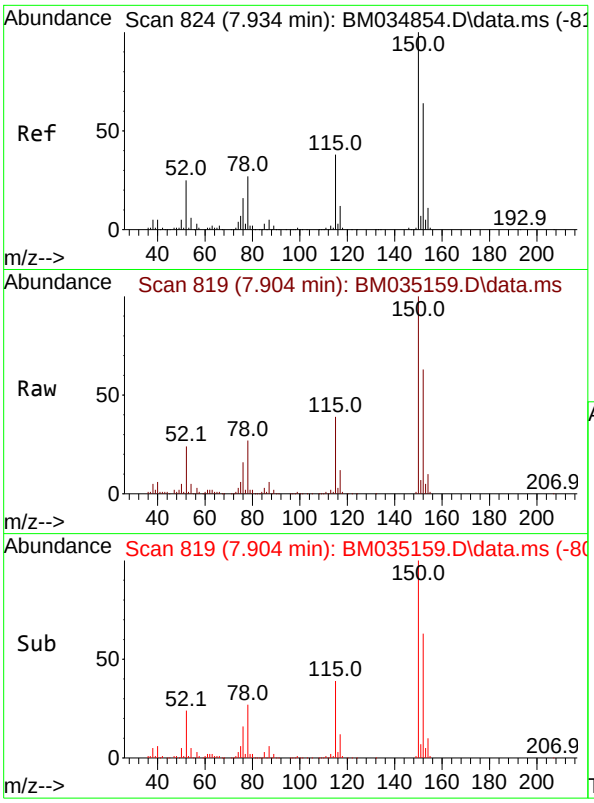


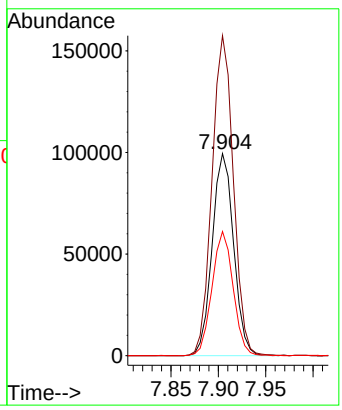


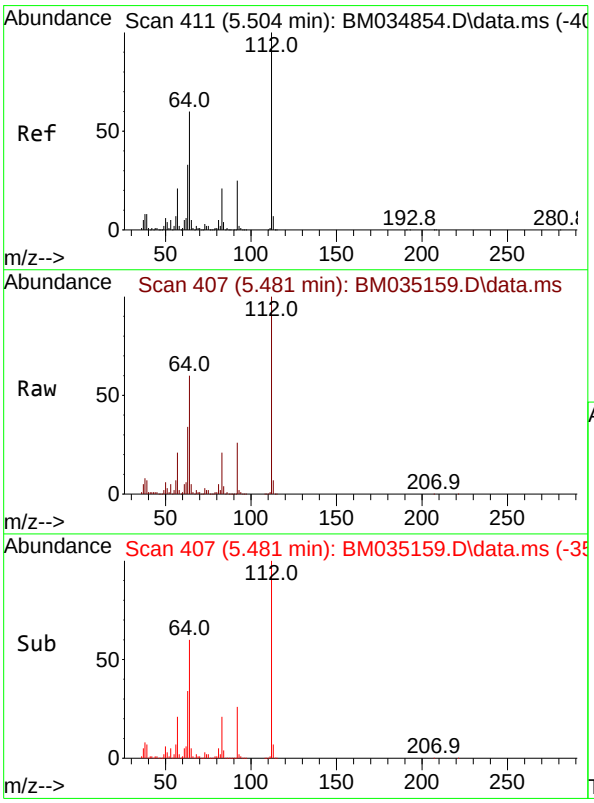
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM035159.D
Acq: 19 May 2022 19:09

Instrument :
BNA_M
ClientSampleId :
SP-1

Tgt Ion:152 Resp: 156575

Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.9	187.3
115	61.4	47.9	71.9

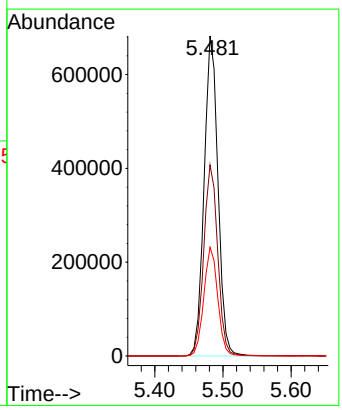


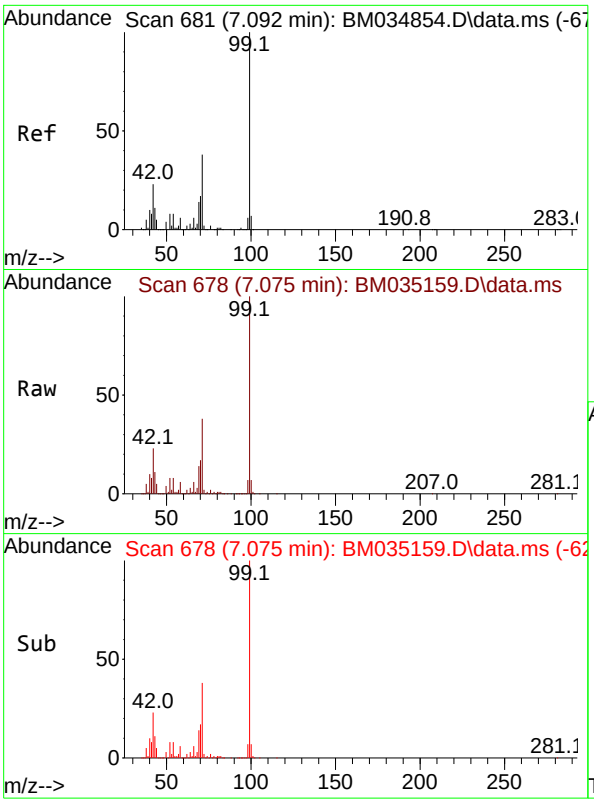


#5
2-Fluorophenol
Concen: 108.945 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BM035159.D
Acq: 19 May 2022 19:09

Tgt Ion:112 Resp: 966892

Ion	Ratio	Lower	Upper
112	100		
64	59.7	47.8	71.6
63	34.0	26.6	40.0



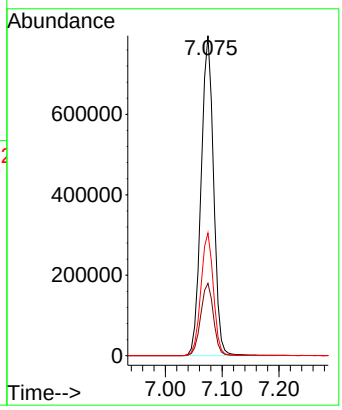


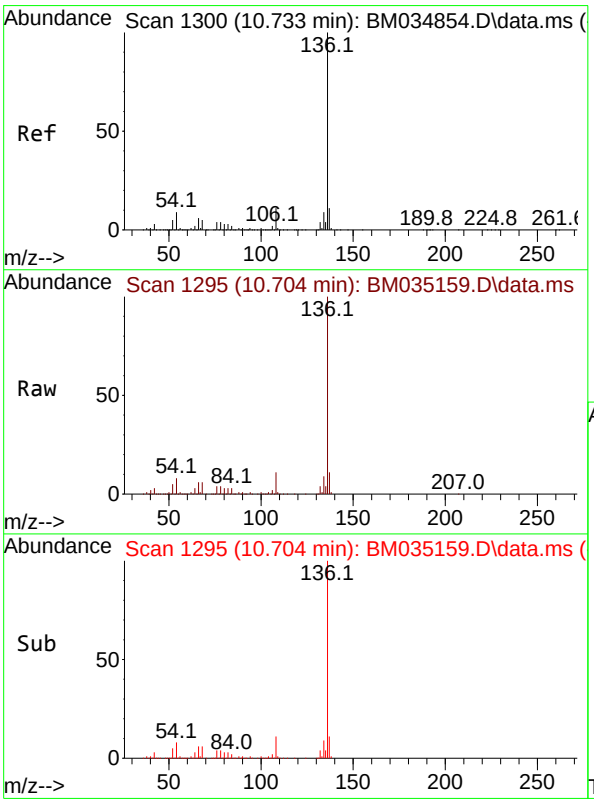
#7
Phenol-d6
Concen: 105.830 ng
RT: 7.075 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM035159.D
Acq: 19 May 2022 19:09

Instrument :
BNA_M
ClientSampleId :
SP-1

Tgt Ion: 99 Resp: 1212515

Ion	Ratio	Lower	Upper
99	100		
42	22.6	18.8	28.2
71	38.3	30.2	45.2

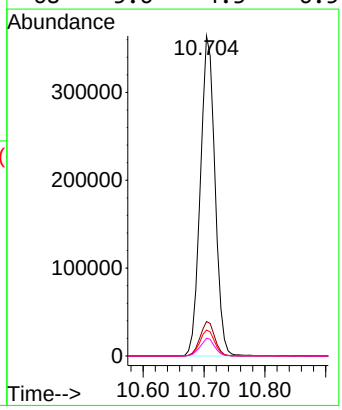


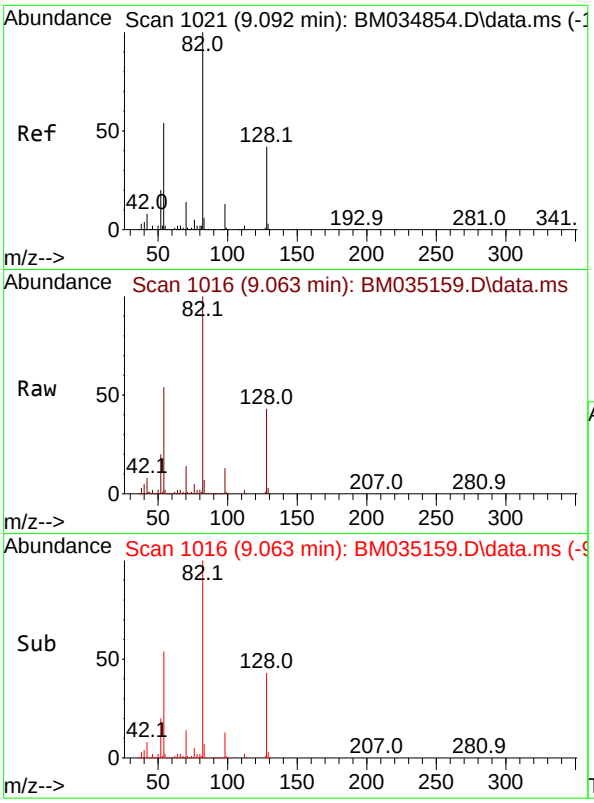


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM035159.D
Acq: 19 May 2022 19:09

Tgt Ion:136 Resp: 607177

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.1	7.0	10.4
68	5.6	4.3	6.5



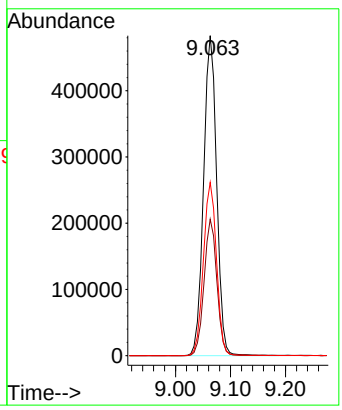


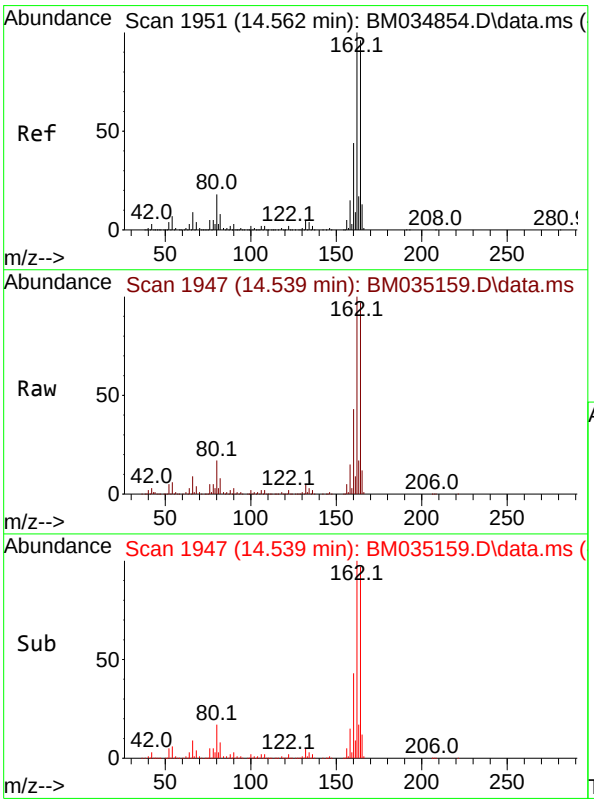
#23
Nitrobenzene-d5
Concen: 70.978 ng
RT: 9.063 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM035159.D
Acq: 19 May 2022 19:09

Instrument :
BNA_M
ClientSampleId :
SP-1

Tgt Ion: 82 Resp: 798058

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.7	50.5
54	54.2	43.2	64.8

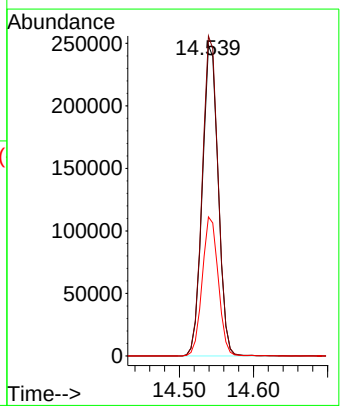


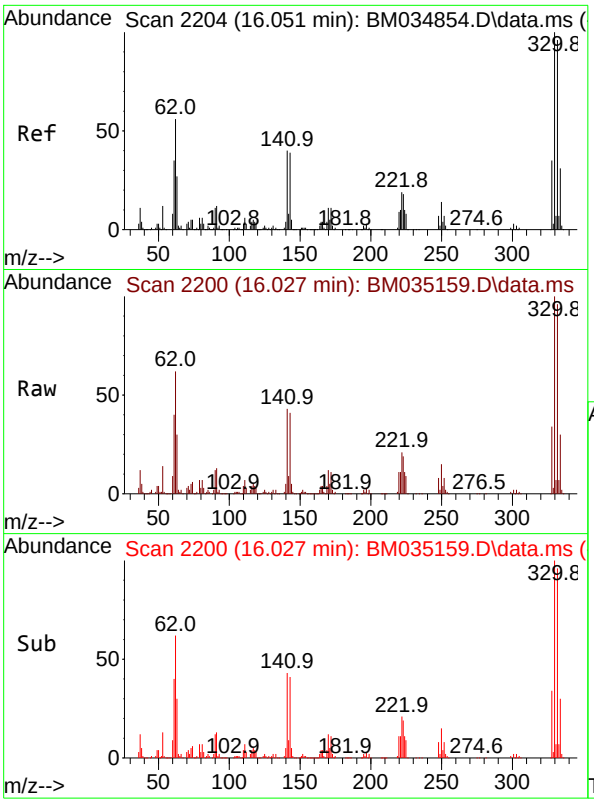


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BM035159.D
Acq: 19 May 2022 19:09

Tgt Ion:164 Resp: 369930

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.0	124.6
160	44.8	37.0	55.4



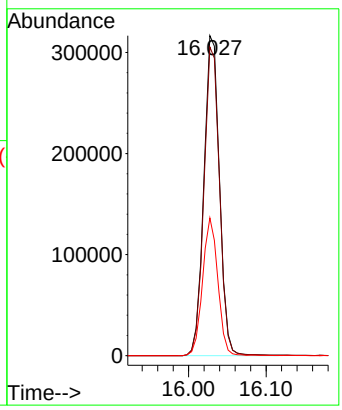


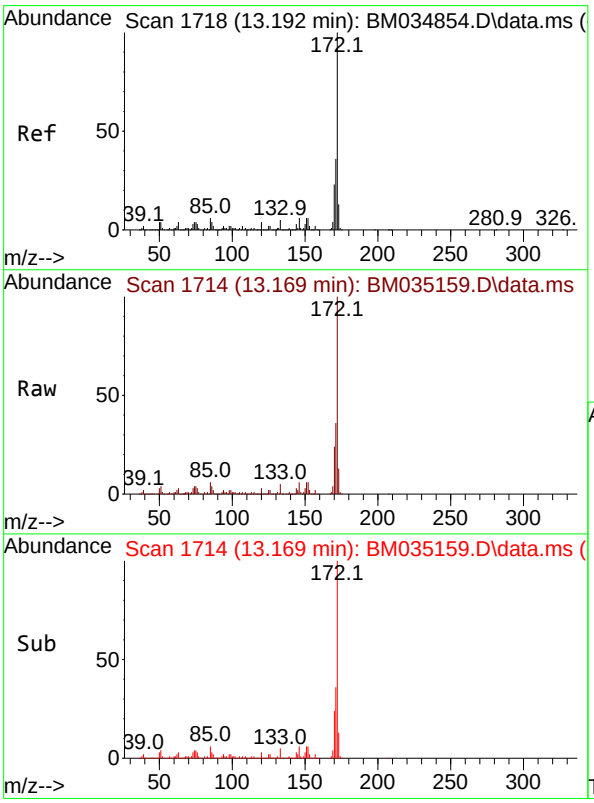
#42
2,4,6-Tribromophenol
Concen: 110.207 ng
RT: 16.027 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM035159.D
Acq: 19 May 2022 19:09

Instrument :
BNA_M
ClientSampleId :
SP-1

Tgt Ion:330 Resp: 443484

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.4
141	42.1	35.3	52.9

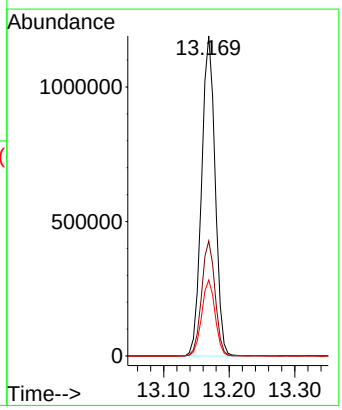


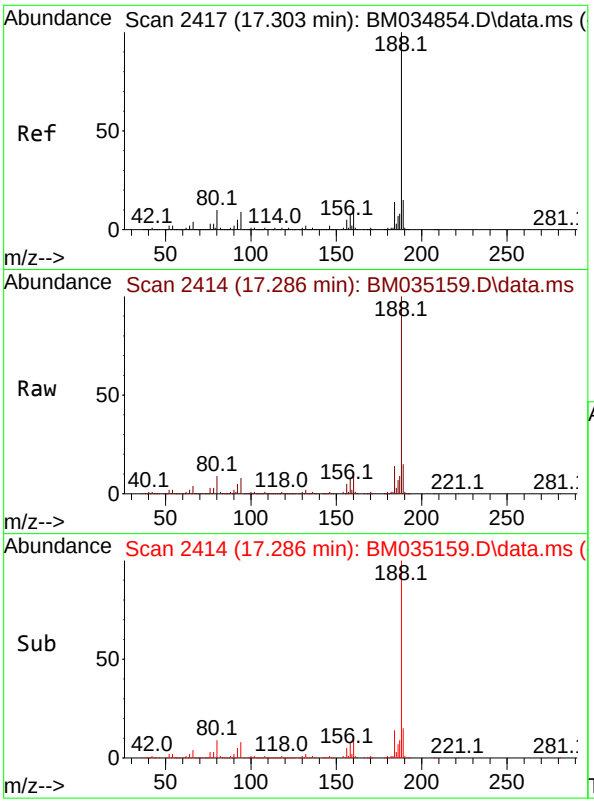


#45
2-Fluorobiphenyl
Concen: 67.195 ng
RT: 13.169 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BM035159.D
Acq: 19 May 2022 19:09

Tgt Ion:172 Resp: 1712320

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	23.8	18.7	28.1



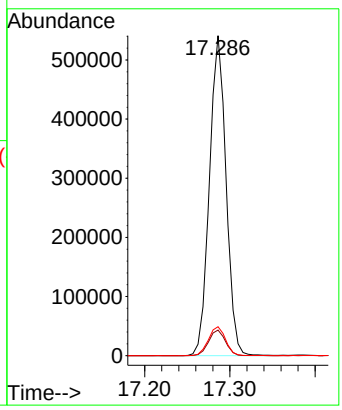


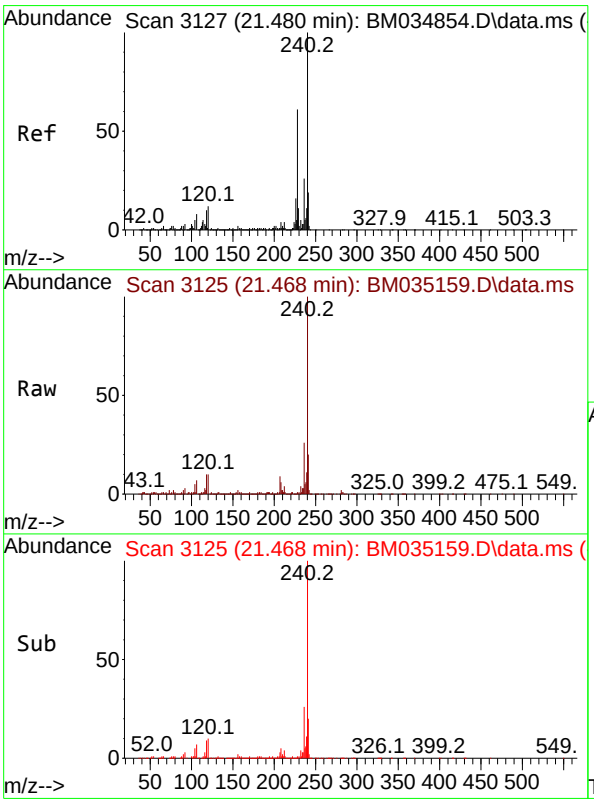
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.286 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM035159.D
Acq: 19 May 2022 19:09

Instrument :
BNA_M
ClientSampleId :
SP-1

Tgt Ion:188 Resp: 736639

Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.0	10.4
80	9.1	7.6	11.4

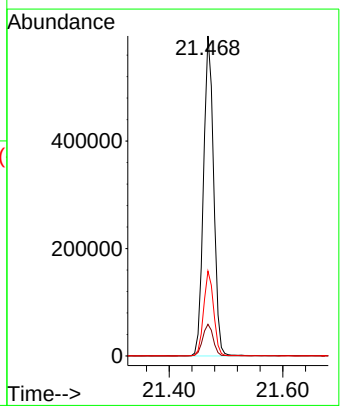


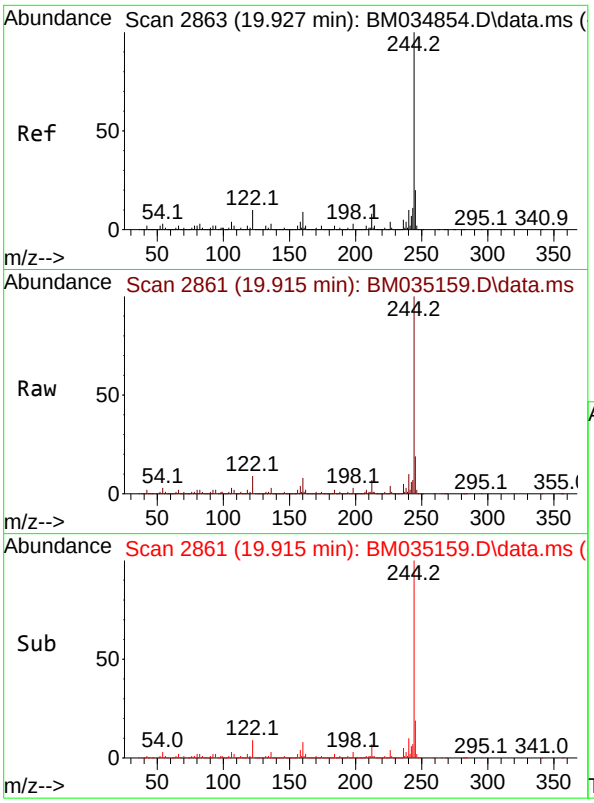


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.468 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM035159.D
Acq: 19 May 2022 19:09

Tgt Ion:240 Resp: 738153

Ion	Ratio	Lower	Upper
240	100		
120	9.9	9.4	14.0
236	26.5	20.6	30.8



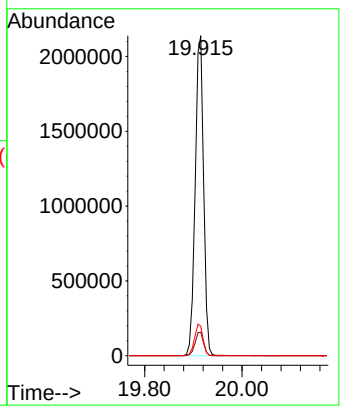


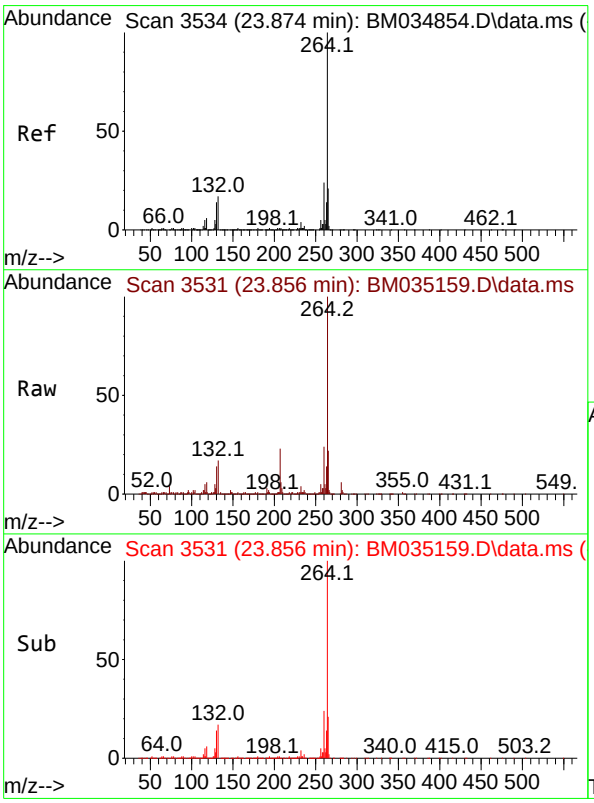
#79
Terphenyl-d14
Concen: 67.614 ng
RT: 19.915 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM035159.D
Acq: 19 May 2022 19:09

Instrument :
BNA_M
ClientSampleId :
SP-1

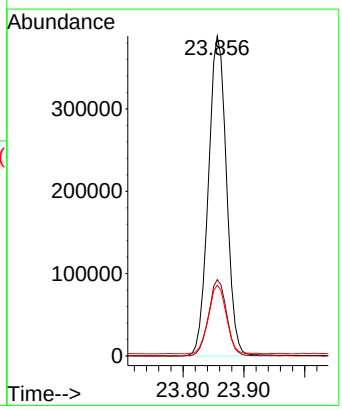
Tgt Ion:244 Resp: 2577705

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.4
122	9.2	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.856 min Scan# 3531
Delta R.T. 0.000 min
Lab File: BM035159.D
Acq: 19 May 2022 19:09

Tgt Ion:264 Resp: 802408

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.1	17.5	26.3