Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052822\
Data File : BM035317.D
Acq On : 28 May 2022 19:41
Operator : CG/JU
Sample : N2930-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P002-SS003-1218-01

Quant Time: May 29 00:34:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 16:44:39 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	135888	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	492158	20.000	ng	# 0.00
39) Acenaphthene-d10	14.510	164	312057	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	691461	20.000	ng	0.00
76) Chrysene-d12	21.439	240	682710	20.000	ng	# 0.00
86) Perylene-d12	23.809	264	711968	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	600326	81.569	ng	0.00
7) Phenol-d6	7.051	99	728878	76.484	ng	0.00
23) Nitrobenzene-d5	9.034	82	451247	50.472	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	333304	82.332	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	1150616	51.132	ng	0.00
79) Terphenyl-d14	19.880	244	1903263	49.400	ng	0.00
Target Compounds						Qvalue

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

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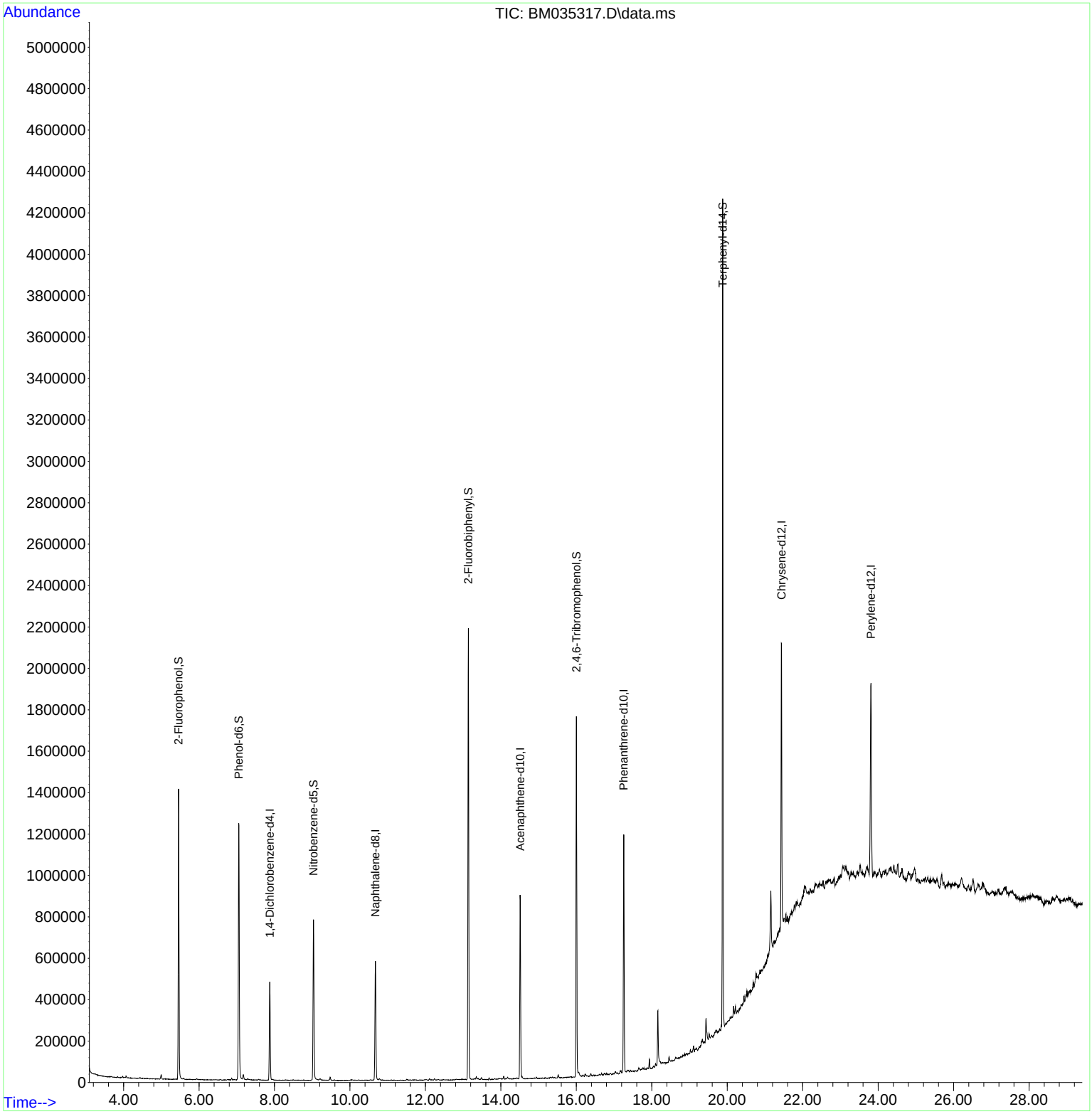
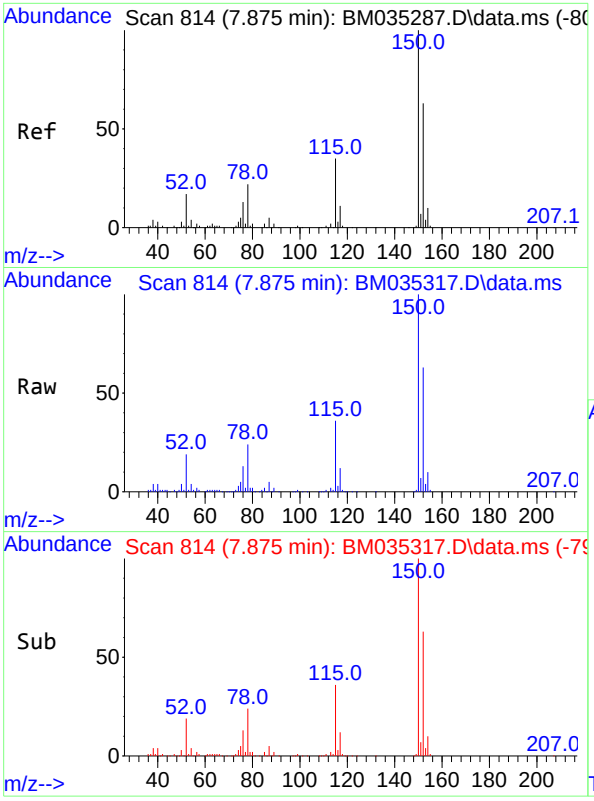


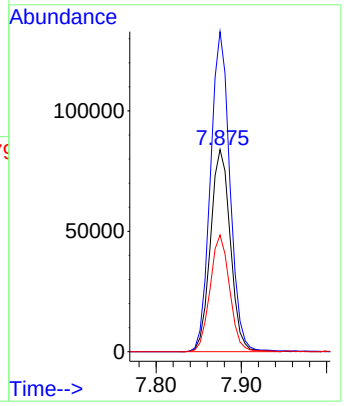


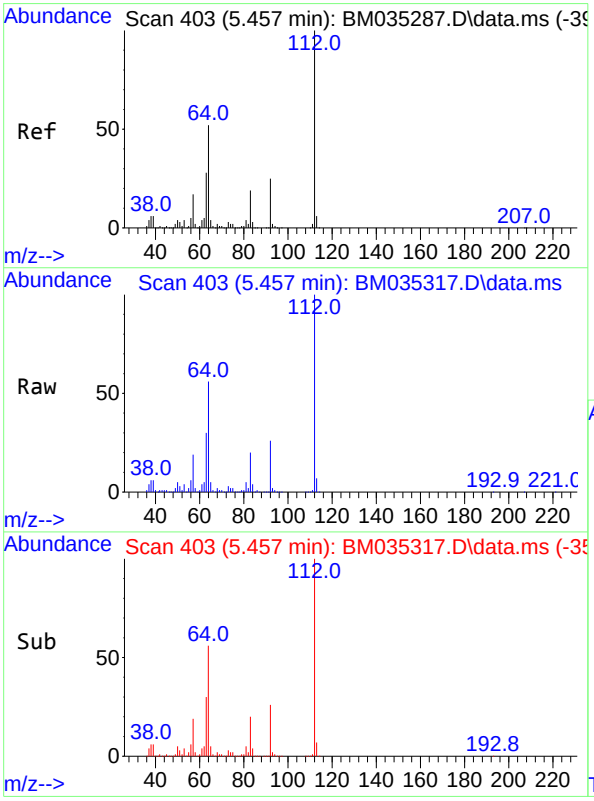
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 8
Delta R.T. -0.000 min
Lab File: BM035317.D
Acq: 28 May 2022 19:41

Instrument :
BNA_M
ClientSampleId :
P002-SS003-1218-01

Tgt Ion:152 Resp: 135888

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.9	187.3
115	57.7	47.9	71.9

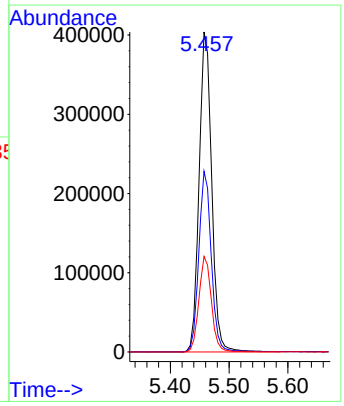


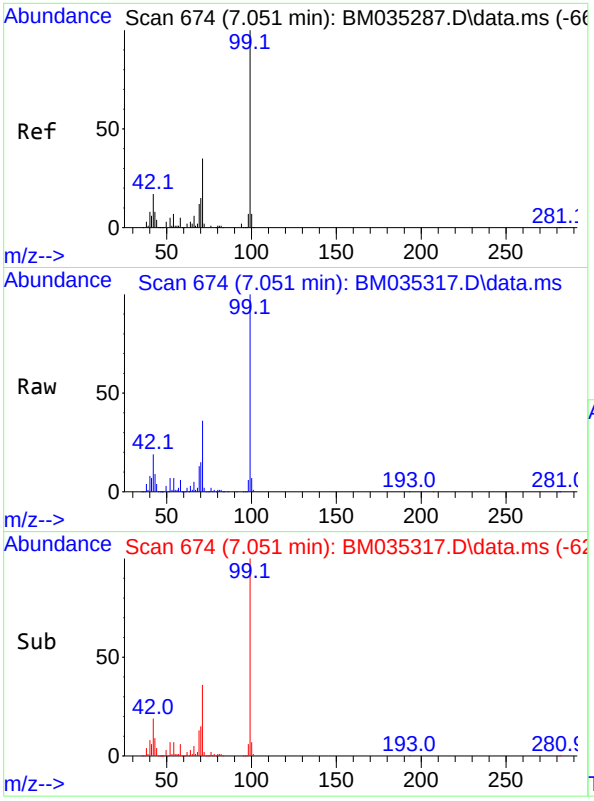


#5
2-Fluorophenol
Concen: 81.569 ng
RT: 5.457 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM035317.D
Acq: 28 May 2022 19:41

Tgt Ion:112 Resp: 600326

Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.8	71.6
63	29.8	26.6	40.0



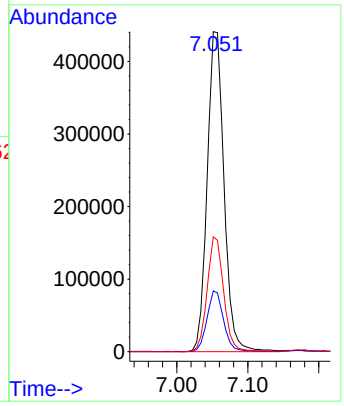


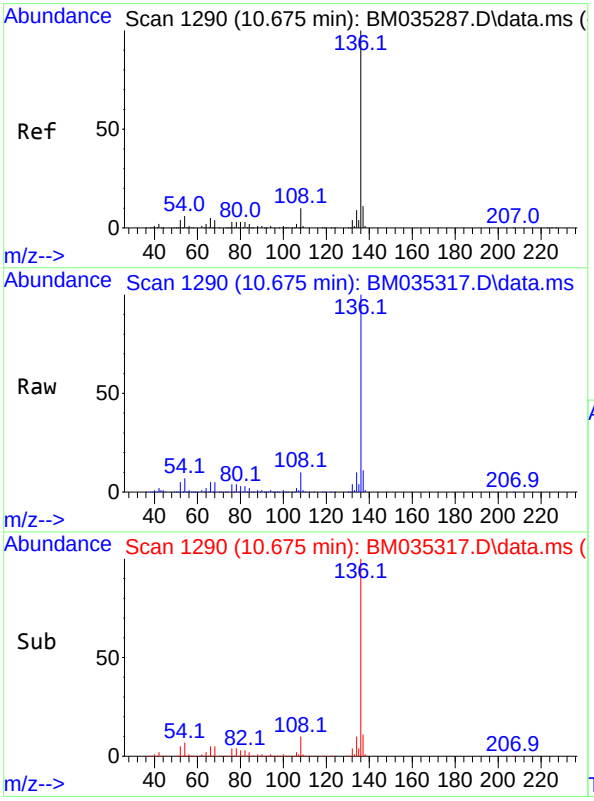
#7
Phenol-d6
Concen: 76.484 ng
RT: 7.051 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM035317.D
Acq: 28 May 2022 19:41

Instrument :
BNA_M
ClientSampleId :
P002-SS003-1218-01

Tgt Ion: 99 Resp: 728878

Ion	Ratio	Lower	Upper
99	100		
42	19.0	18.8	28.2
71	35.9	30.2	45.2

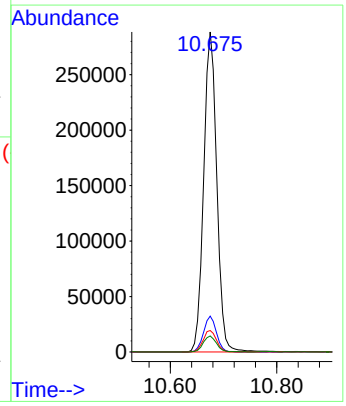


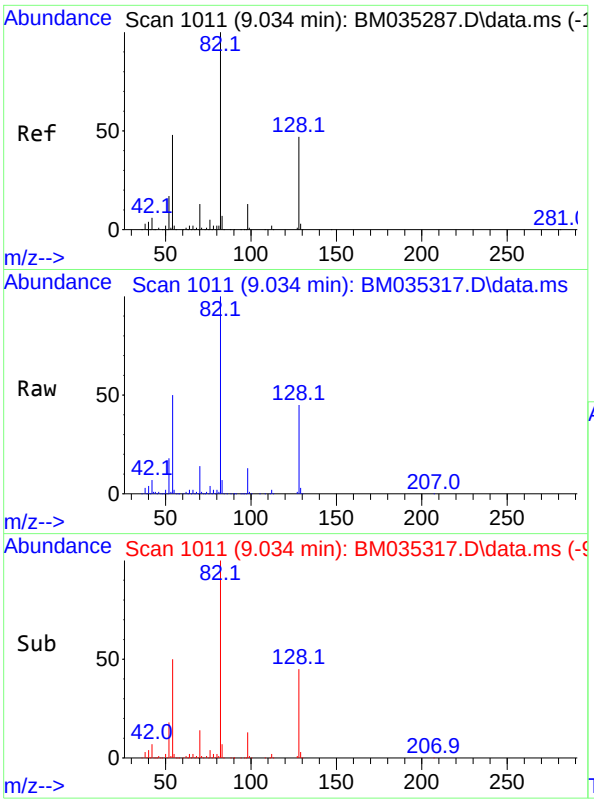


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BM035317.D
Acq: 28 May 2022 19:41

Tgt Ion:136 Resp: 492158

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.7	7.0	10.4#
68	5.0	4.3	6.5



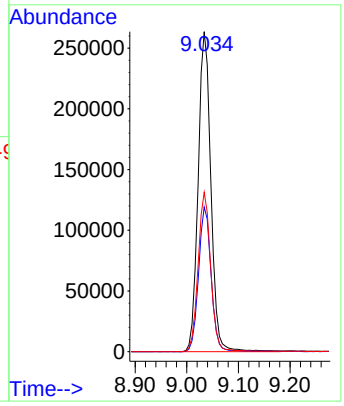


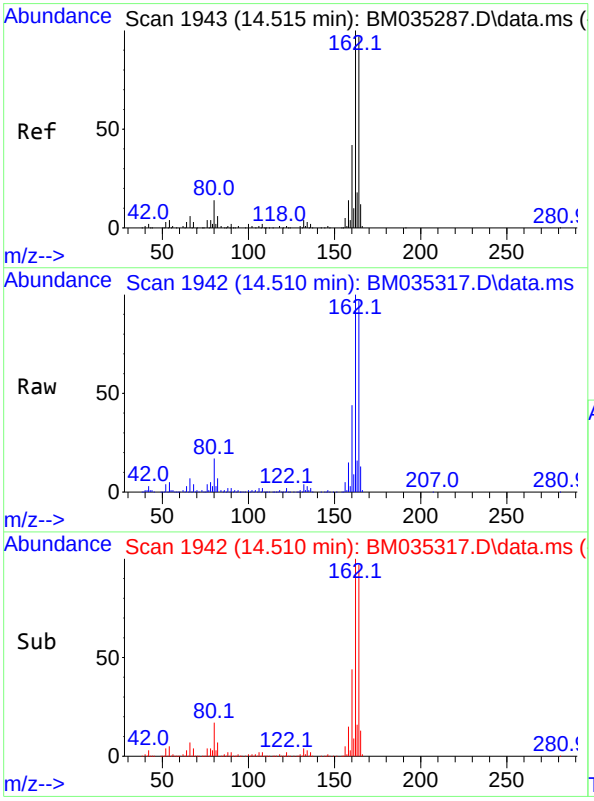
#23
Nitrobenzene-d5
Concen: 50.472 ng
RT: 9.034 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BM035317.D
Acq: 28 May 2022 19:41

Instrument :
BNA_M
ClientSampleId :
P002-SS003-1218-01

Tgt Ion: 82 Resp: 451247

Ion	Ratio	Lower	Upper
82	100		
128	45.2	33.7	50.5
54	49.8	43.2	64.8

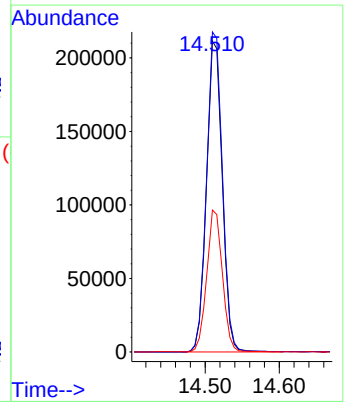


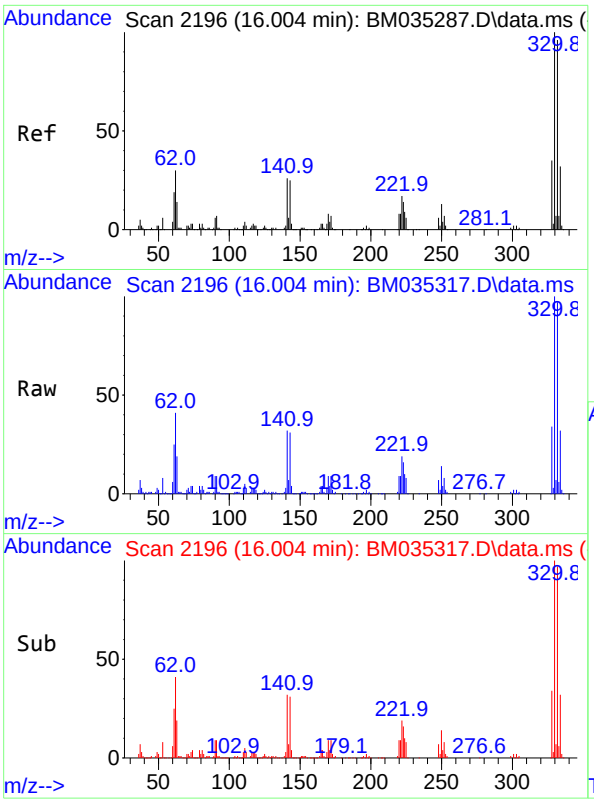


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BM035317.D
Acq: 28 May 2022 19:41

Tgt Ion:164 Resp: 312057

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.6
160	45.6	37.0	55.4



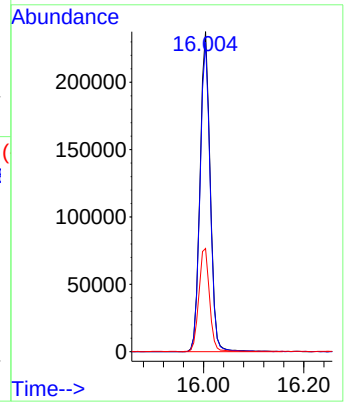


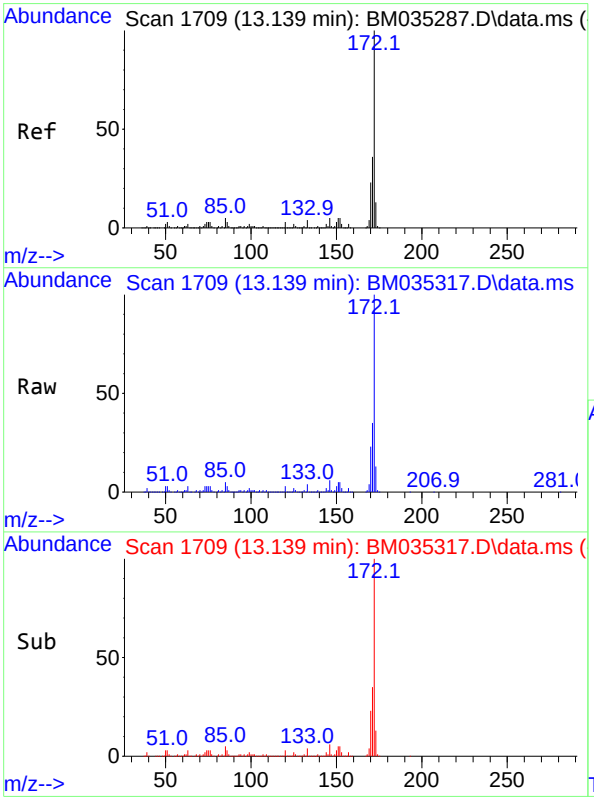
#42
2,4,6-Tribromophenol
Concen: 82.332 ng
RT: 16.004 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM035317.D
Acq: 28 May 2022 19:41

Instrument :
BNA_M
ClientSampleId :
P002-SS003-1218-01

Tgt Ion:330 Resp: 333304

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.4
141	33.9	35.3	52.9#

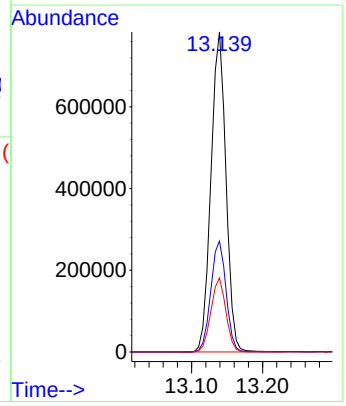


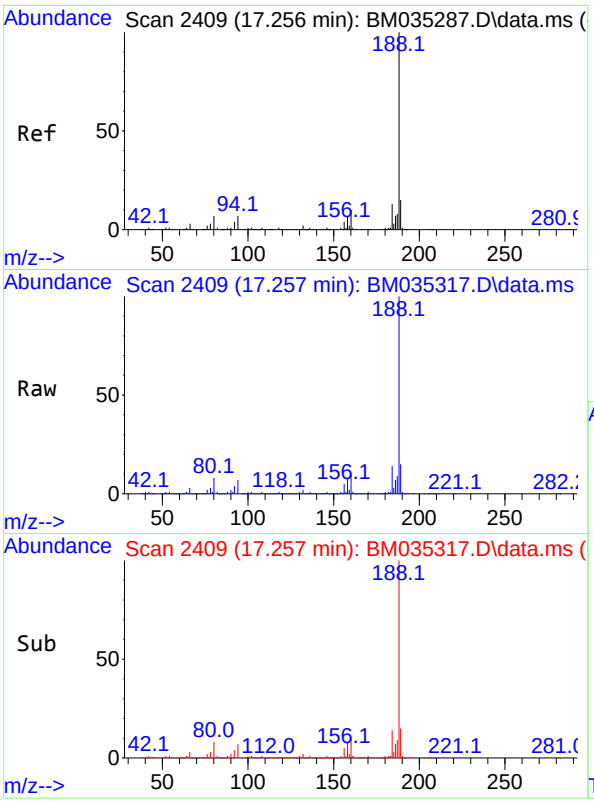


#45
2-Fluorobiphenyl
Concen: 51.132 ng
RT: 13.139 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BM035317.D
Acq: 28 May 2022 19:41

Tgt Ion:172 Resp: 1150616

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	23.1	18.7	28.1



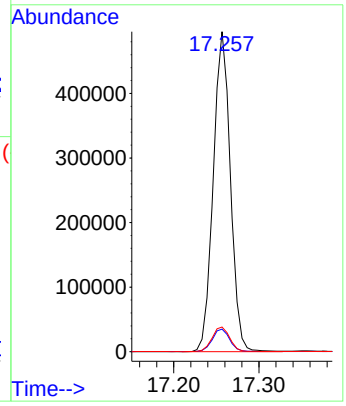


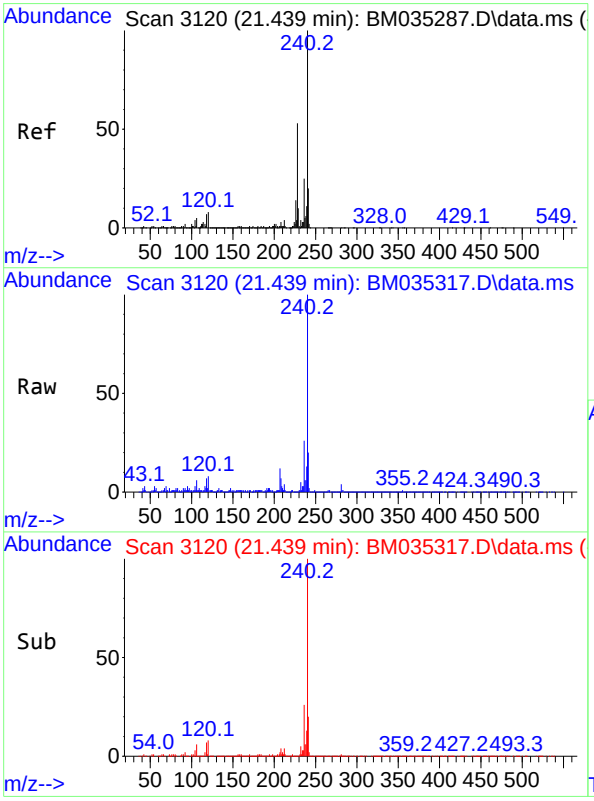
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM035317.D
Acq: 28 May 2022 19:41

Instrument :
BNA_M
ClientSampleId :
P002-SS003-1218-01

Tgt Ion:188 Resp: 691461

Ion	Ratio	Lower	Upper
188	100		
94	7.0	7.0	10.4
80	7.7	7.6	11.4

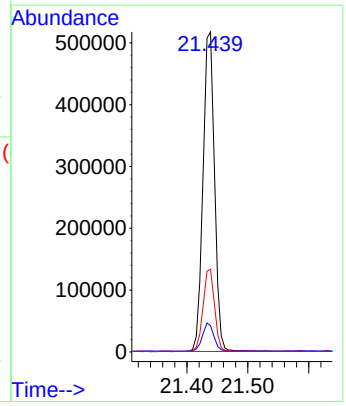


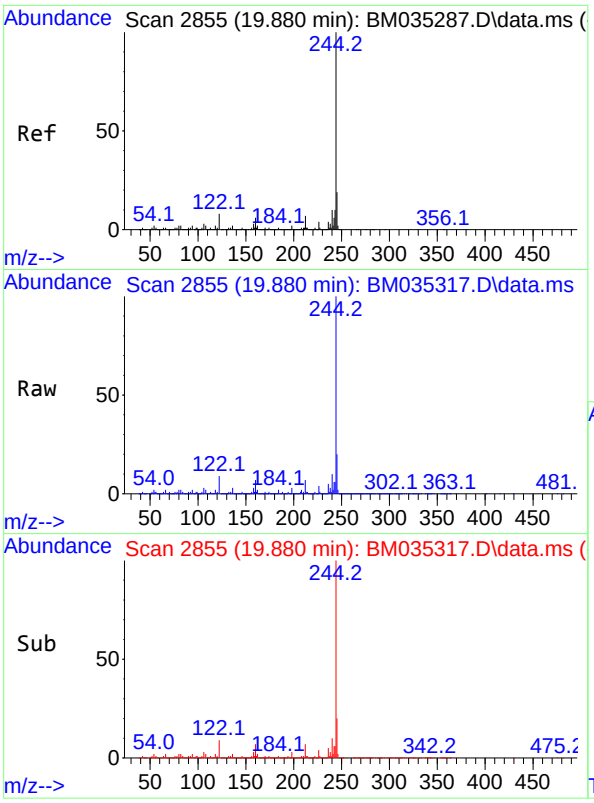


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BM035317.D
Acq: 28 May 2022 19:41

Tgt Ion:240 Resp: 682710

Ion	Ratio	Lower	Upper
240	100		
120	8.2	9.4	14.0#
236	25.9	20.6	30.8



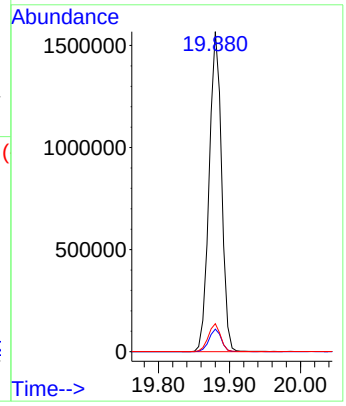


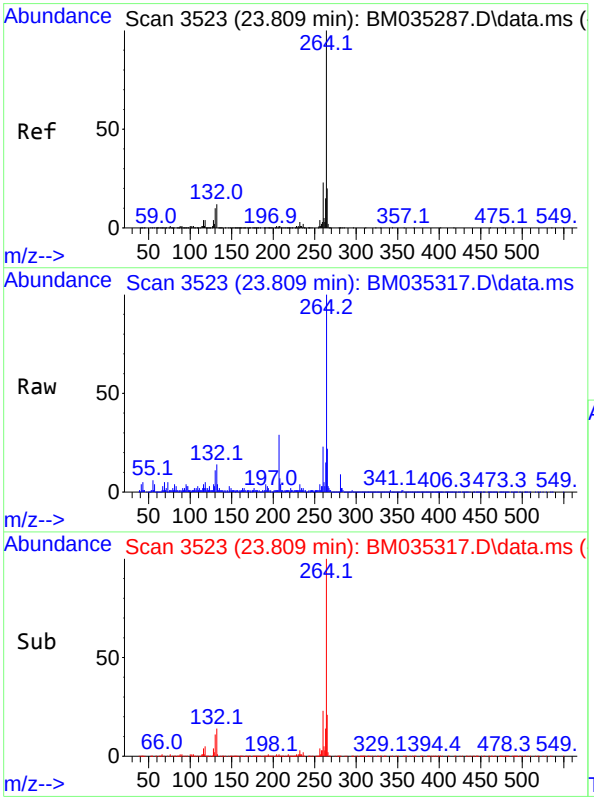
#79
Terphenyl-d14
Concen: 49.400 ng
RT: 19.880 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM035317.D
Acq: 28 May 2022 19:41

Instrument :
BNA_M
ClientSampleId :
P002-SS003-1218-01

Tgt Ion:244 Resp: 1903263

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.4
122	8.8	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.809 min Scan# 3523
Delta R.T. 0.000 min
Lab File: BM035317.D
Acq: 28 May 2022 19:41

Tgt Ion:264 Resp: 711968

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.9	28.3
265	21.6	17.5	26.3