Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052822\
Data File : BM035314.D
Acq On : 28 May 2022 17:51
Operator : CG/JU
Sample : N2930-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P002-SS003-0612-01

Quant Time: May 29 00:34:00 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	118199	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	416533	20.000	ng	# 0.00
39) Acenaphthene-d10	14.510	164	254188	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	583140	20.000	ng	0.00
76) Chrysene-d12	21.433	240	659051	20.000	ng	# 0.00
86) Perylene-d12	23.803	264	693473	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	599554	93.655	ng	0.00
7) Phenol-d6	7.051	99	722306	87.137	ng	0.00
23) Nitrobenzene-d5	9.034	82	452330	59.779	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	316420	95.956	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	1091982	59.574	ng	0.00
79) Terphenyl-d14	19.880	244	1953010	52.511	ng	0.00
Target Compounds						Qvalue

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

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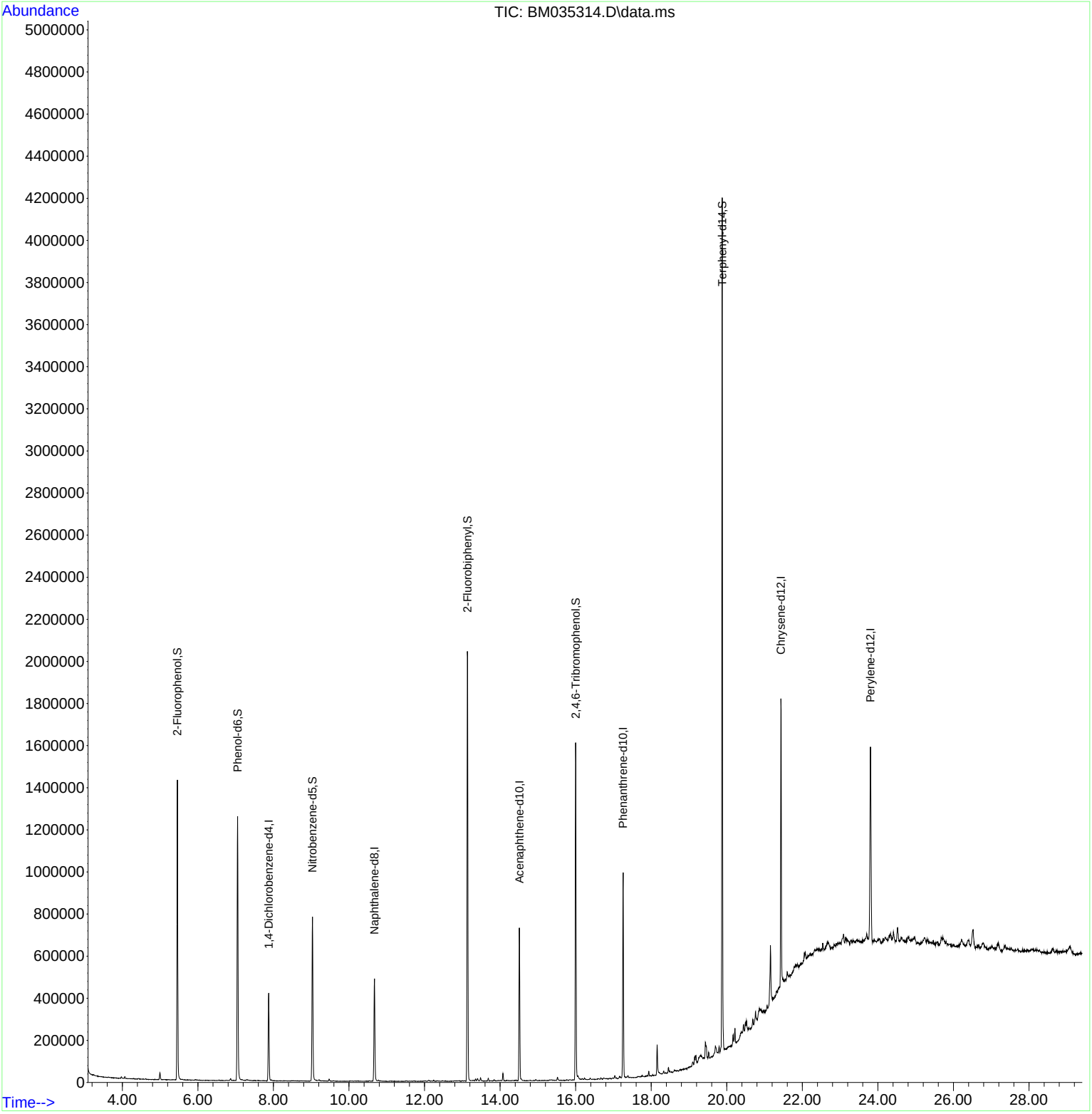
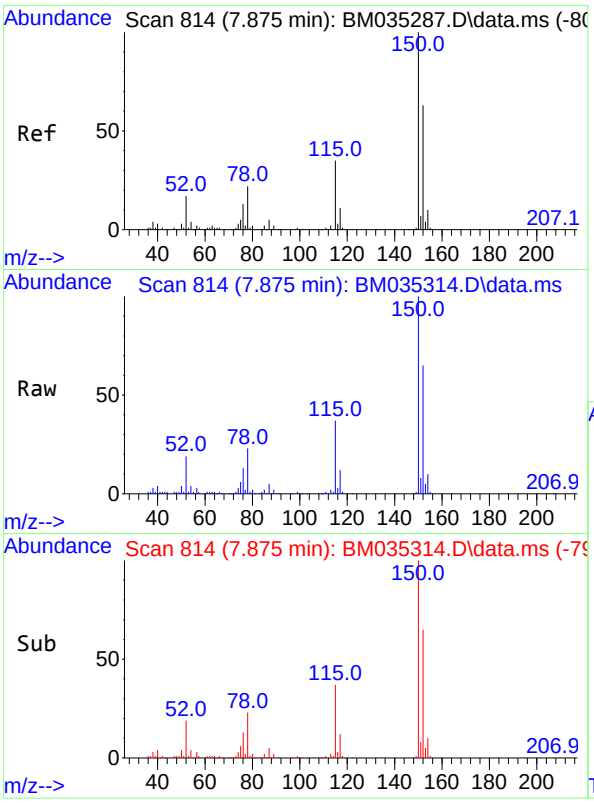


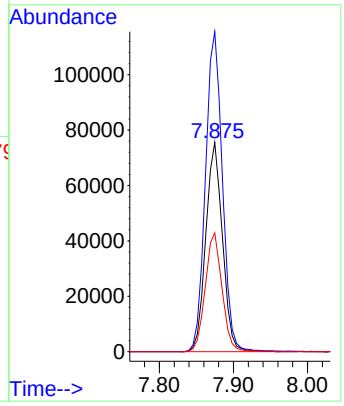


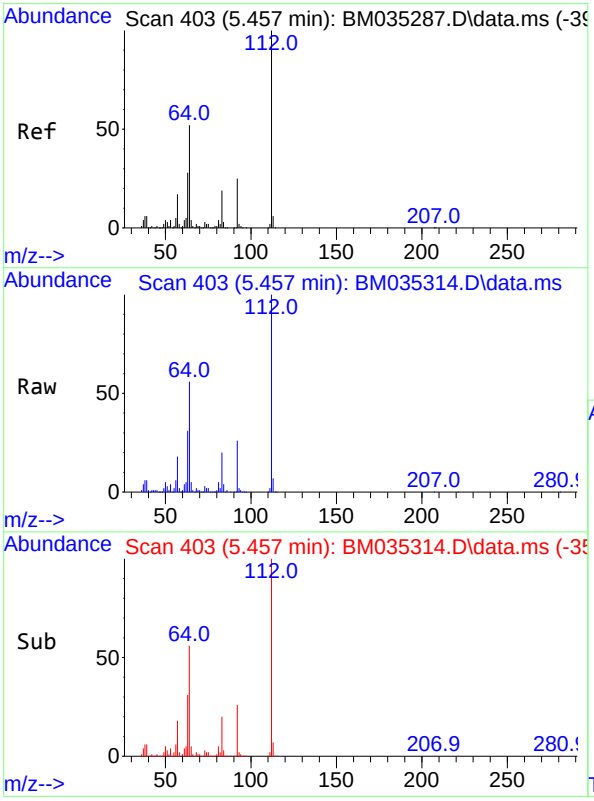
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM035314.D
Acq: 28 May 2022 17:51

Instrument :
BNA_M
ClientSampleId :
P002-SS003-0612-01

Tgt Ion:152 Resp: 118199

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.9	187.3
115	56.8	47.9	71.9

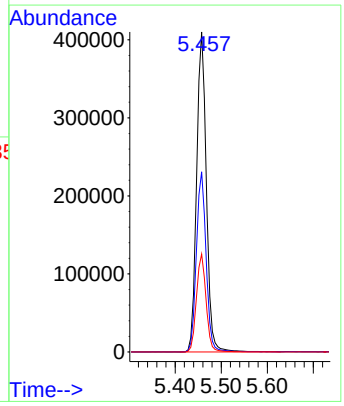


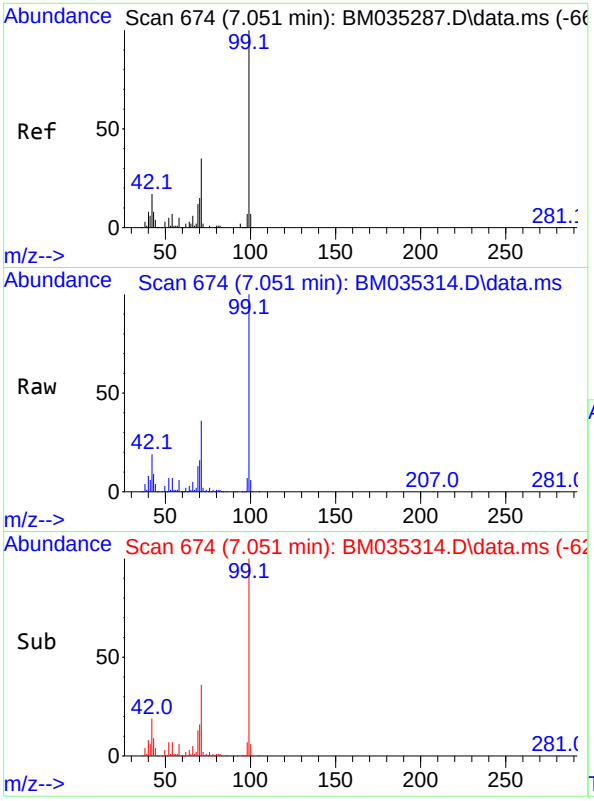


#5
2-Fluorophenol
Concen: 93.655 ng
RT: 5.457 min Scan# 403
Delta R.T. 0.000 min
Lab File: BM035314.D
Acq: 28 May 2022 17:51

Tgt Ion:112 Resp: 599554

Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.8	71.6
63	30.6	26.6	40.0



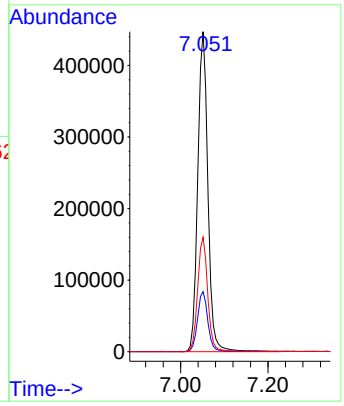


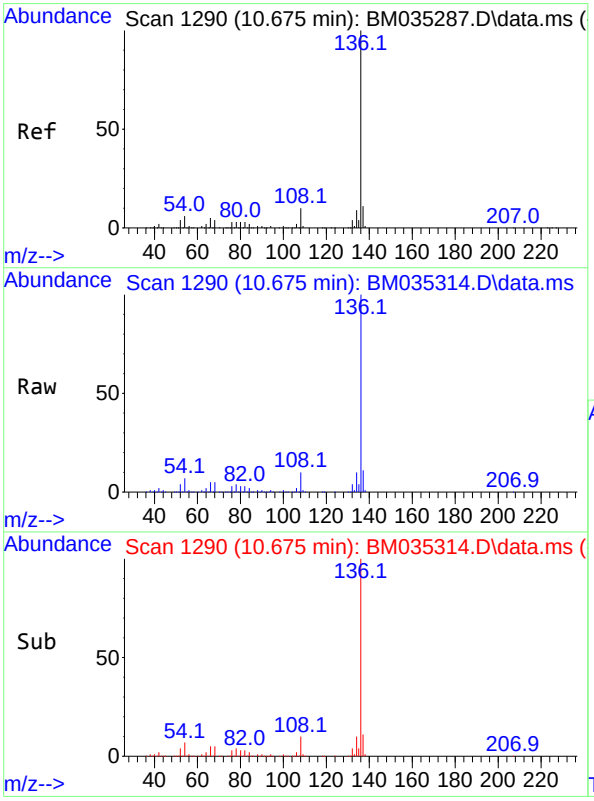
#7
Phenol-d6
Concen: 87.137 ng
RT: 7.051 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM035314.D
Acq: 28 May 2022 17:51

Instrument :
BNA_M
ClientSampleId :
P002-SS003-0612-01

Tgt Ion: 99 Resp: 722306

Ion	Ratio	Lower	Upper
99	100		
42	18.7	18.8	28.2#
71	35.8	30.2	45.2

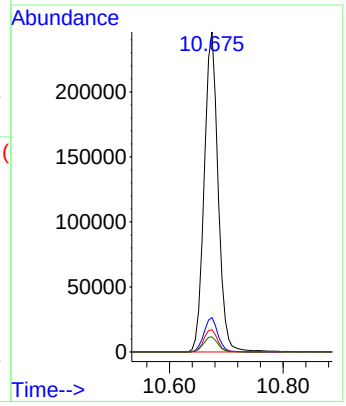


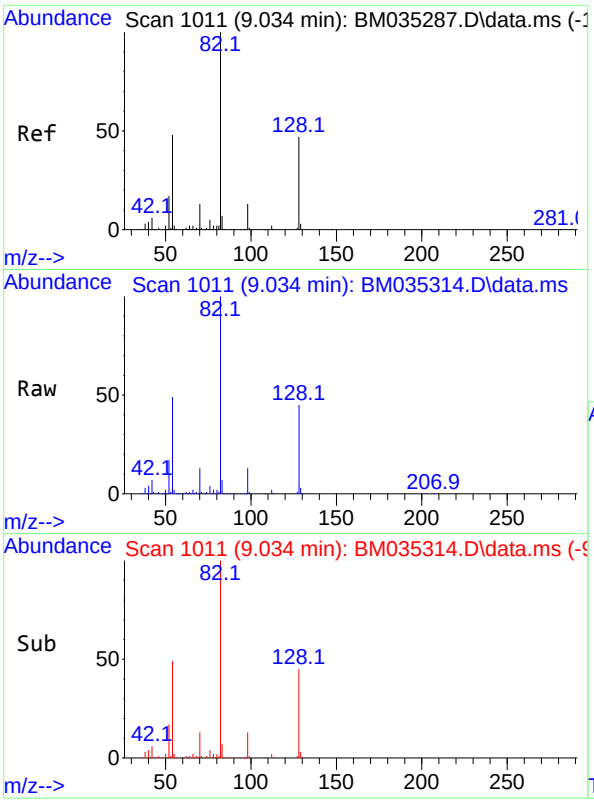


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BM035314.D
Acq: 28 May 2022 17:51

Tgt Ion:136 Resp: 416533

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.0	7.0	10.4#
68	4.7	4.3	6.5



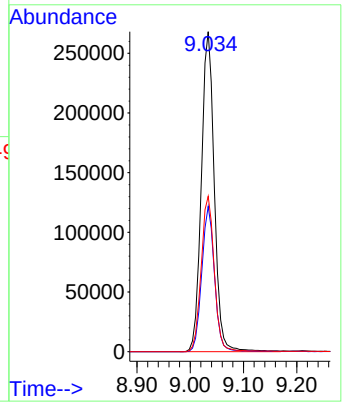


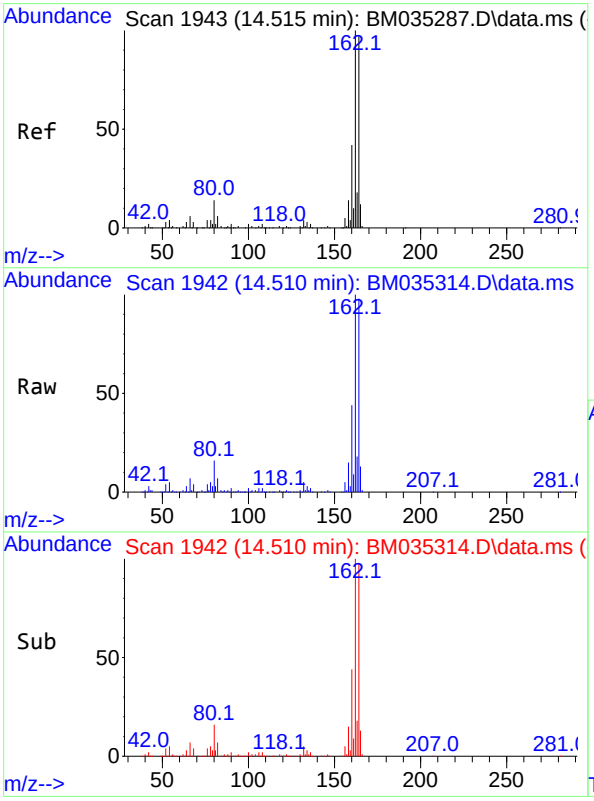
#23
Nitrobenzene-d5
Concen: 59.779 ng
RT: 9.034 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BM035314.D
Acq: 28 May 2022 17:51

Instrument :
BNA_M
ClientSampleId :
P002-SS003-0612-01

Tgt Ion: 82 Resp: 452330

Ion	Ratio	Lower	Upper
82	100		
128	45.4	33.7	50.5
54	48.5	43.2	64.8

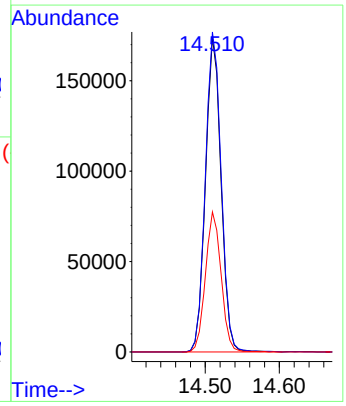


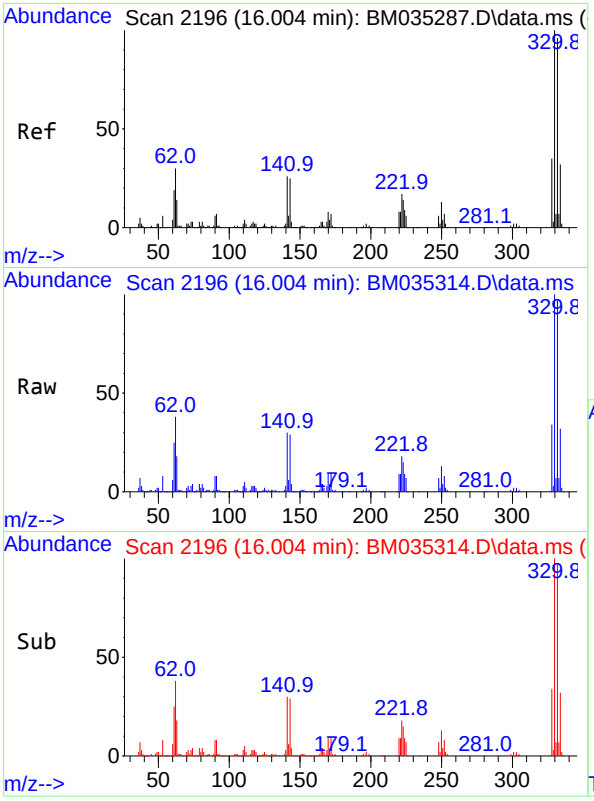


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BM035314.D
Acq: 28 May 2022 17:51

Tgt Ion:164 Resp: 254188

Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.0	124.6
160	44.6	37.0	55.4



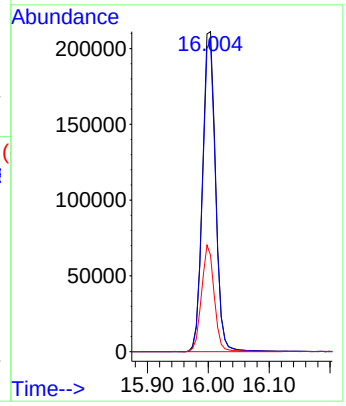


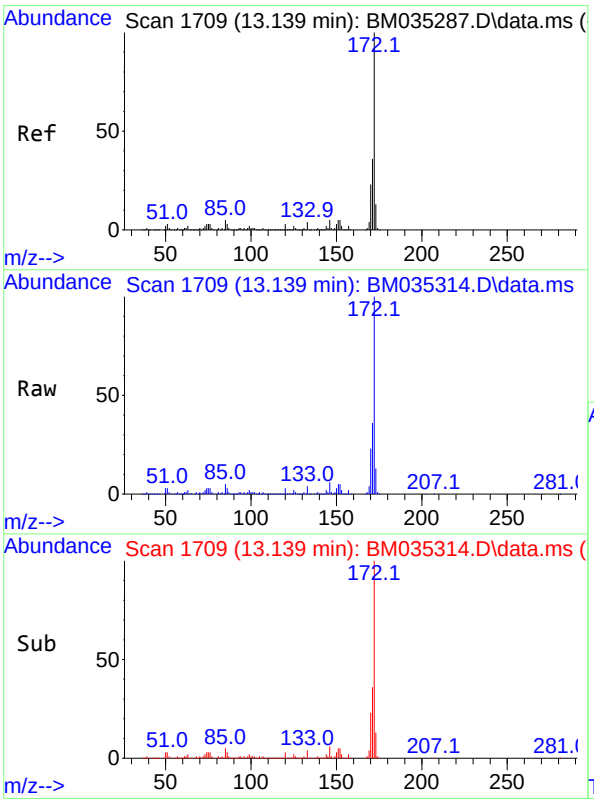
#42
2,4,6-Tribromophenol
Concen: 95.956 ng
RT: 16.004 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM035314.D
Acq: 28 May 2022 17:51

Instrument :
BNA_M
ClientSampleId :
P002-SS003-0612-01

Tgt Ion:330 Resp: 316420

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.4
141	32.1	35.3	52.9#

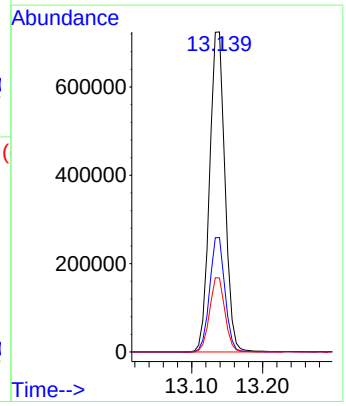


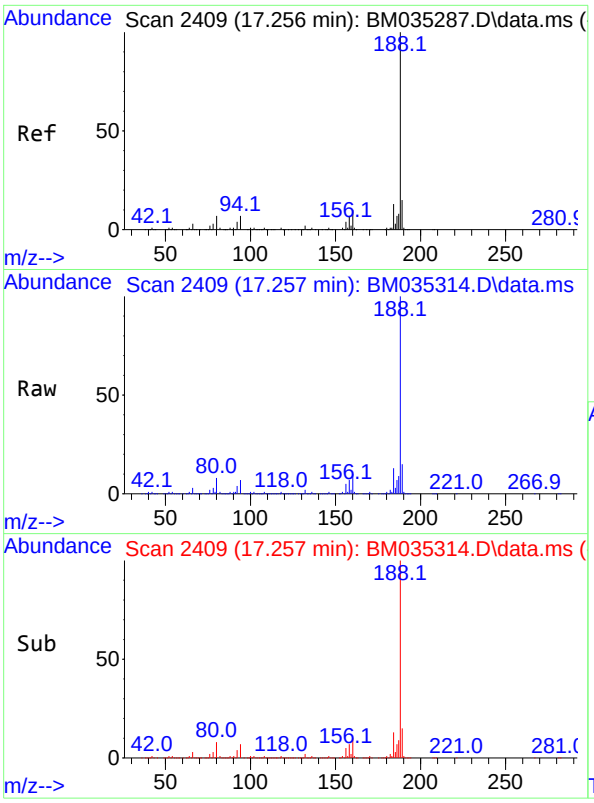


#45
2-Fluorobiphenyl
Concen: 59.574 ng
RT: 13.139 min Scan# 1709
Delta R.T. 0.000 min
Lab File: BM035314.D
Acq: 28 May 2022 17:51

Tgt Ion:172 Resp: 1091982

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.1	18.7	28.1



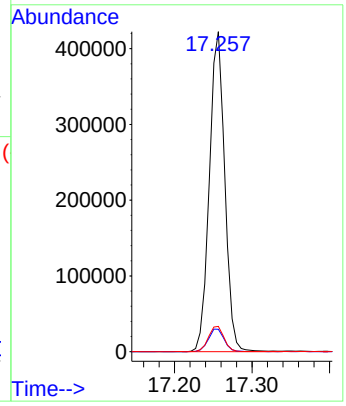


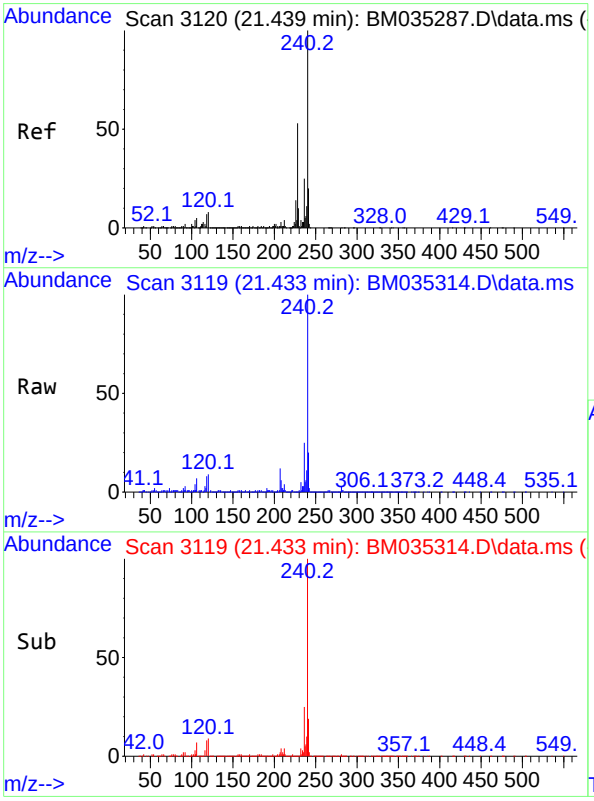
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM035314.D
Acq: 28 May 2022 17:51

Instrument :
BNA_M
ClientSampleId :
P002-SS003-0612-01

Tgt Ion:188 Resp: 583140

Ion	Ratio	Lower	Upper
188	100		
94	7.0	7.0	10.4
80	7.9	7.6	11.4

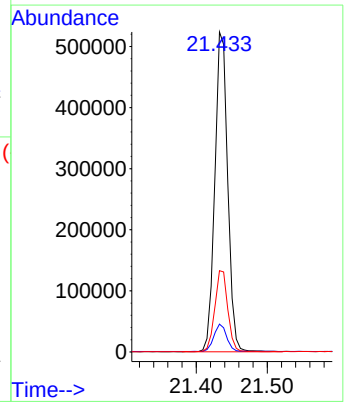


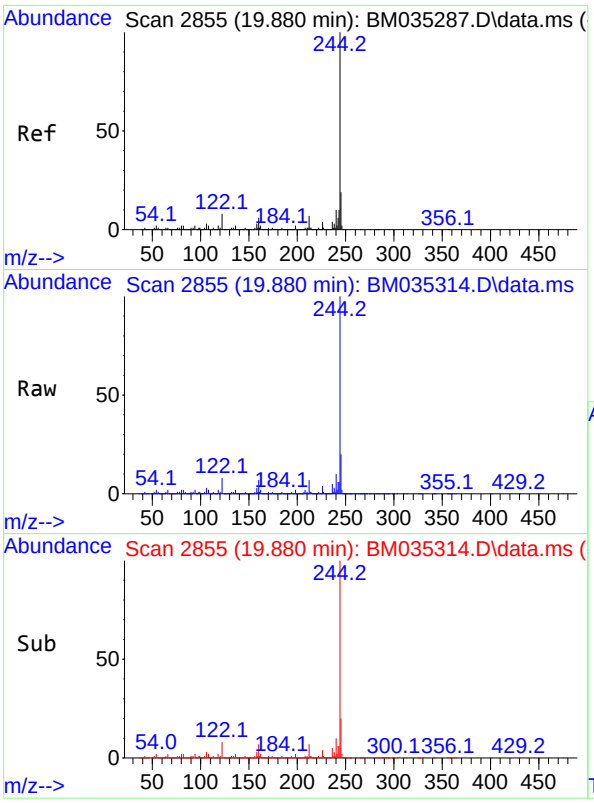


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM035314.D
Acq: 28 May 2022 17:51

Tgt Ion:240 Resp: 659051

Ion	Ratio	Lower	Upper
240	100		
120	8.7	9.4	14.0#
236	25.4	20.6	30.8



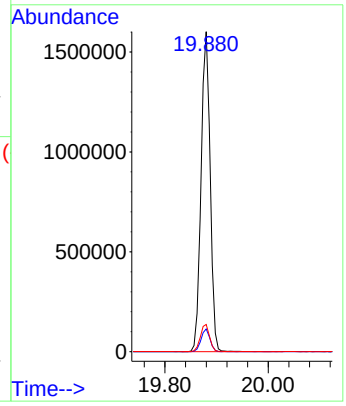


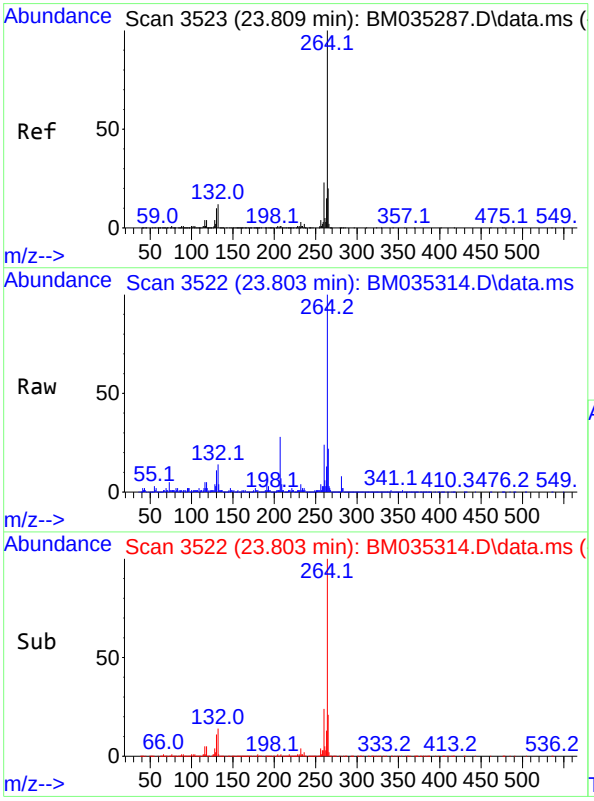
#79
Terphenyl-d14
Concen: 52.511 ng
RT: 19.880 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM035314.D
Acq: 28 May 2022 17:51

Instrument :
BNA_M
ClientSampleId :
P002-SS003-0612-01

Tgt Ion:244 Resp: 1953010

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.4
122	8.5	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.803 min Scan# 3522
Delta R.T. -0.006 min
Lab File: BM035314.D
Acq: 28 May 2022 17:51

Tgt Ion:264 Resp: 693473

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	22.4	17.5	26.3