Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042822\
Data File : BM034867.D
Acq On : 28 Apr 2022 16:43
Operator : CG/JU
Sample : N2577-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE-4-45-22

Quant Time: Apr 29 05:06:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 01:51:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	115723	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	452814	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	271303	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	573615	20.000	ng	0.00
76) Chrysene-d12	21.480	240	653043	20.000	ng	0.00
86) Perylene-d12	23.868	264	777440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	701869	107.001	ng	0.00
7) Phenol-d6	7.087	99	875168	103.352	ng	0.00
23) Nitrobenzene-d5	9.081	82	556327	66.346	ng	-0.01
42) 2,4,6-Tribromophenol	16.045	330	302340	102.445	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	1203327	64.387	ng	0.00
79) Terphenyl-d14	19.921	244	1983052	58.796	ng	0.00
Target Compounds						Qvalue

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

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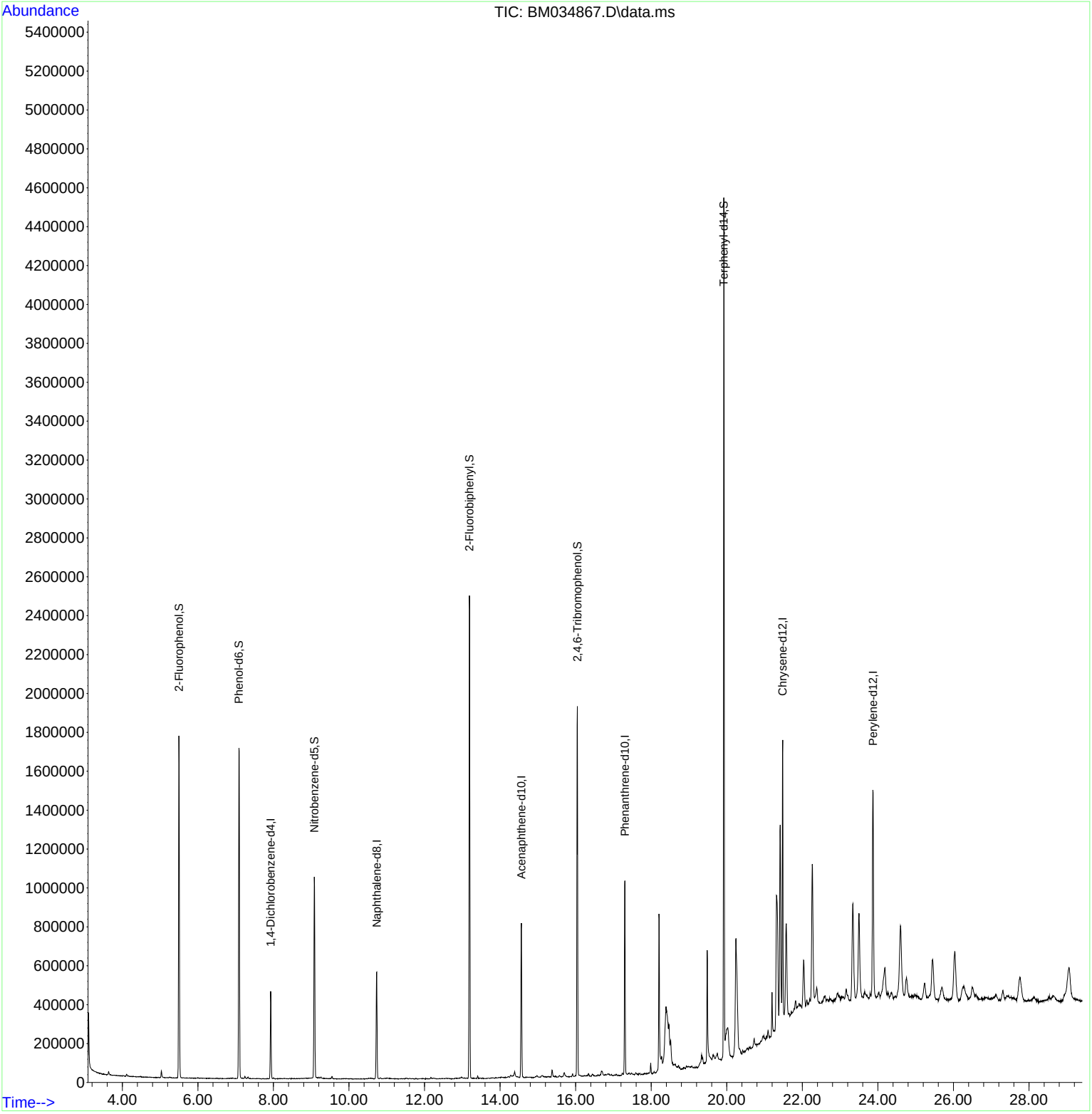
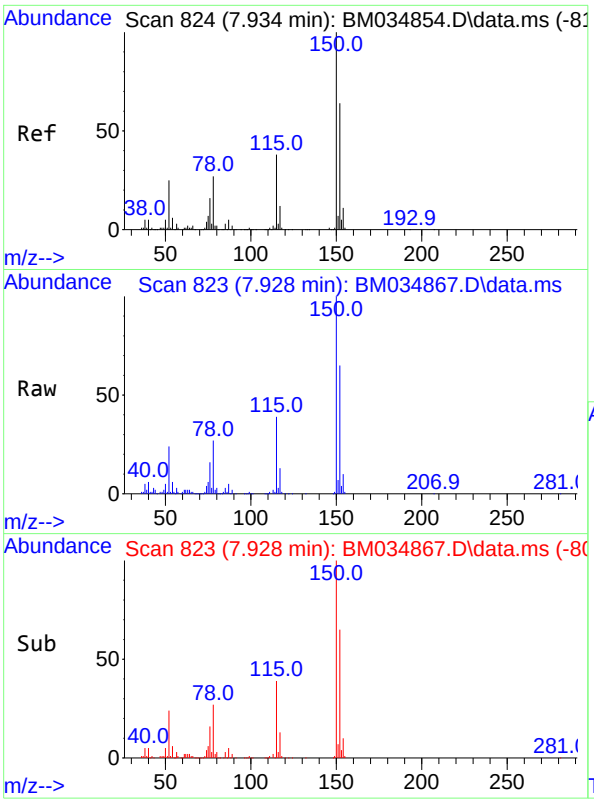


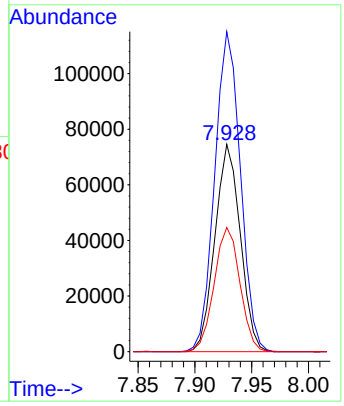


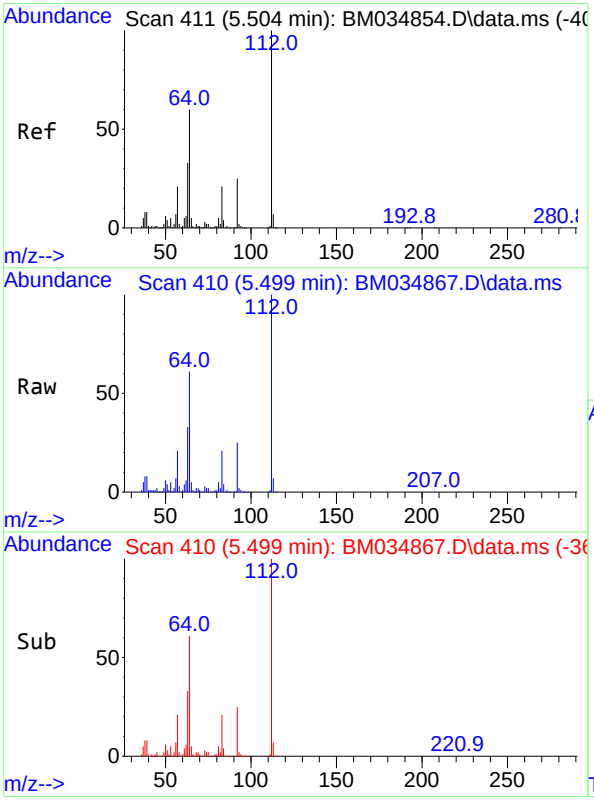
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM034867.D
Acq: 28 Apr 2022 16:43

Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE-4-45-22

Tgt Ion:152 Resp: 115723

Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.9	187.3
115	59.9	47.9	71.9

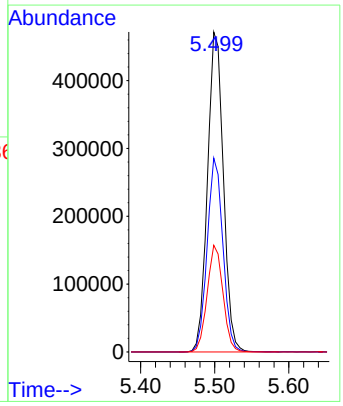


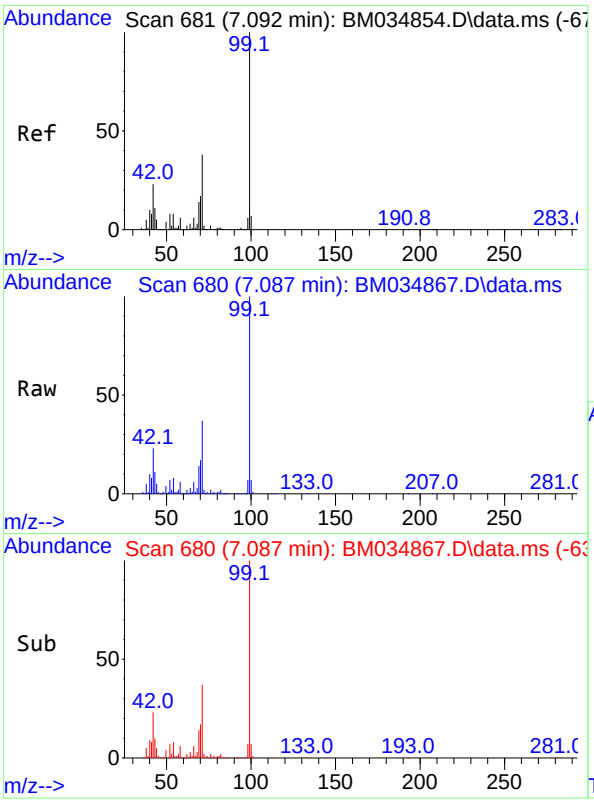


#5
2-Fluorophenol
Concen: 107.001 ng
RT: 5.499 min Scan# 410
Delta R.T. -0.005 min
Lab File: BM034867.D
Acq: 28 Apr 2022 16:43

Tgt Ion:112 Resp: 701869

Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.8	71.6
63	33.3	26.6	40.0



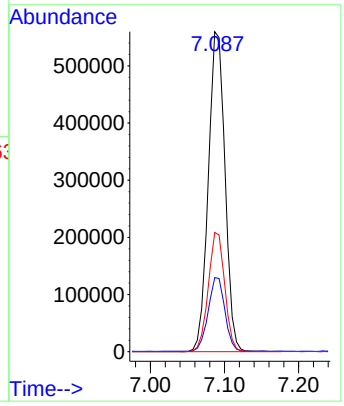


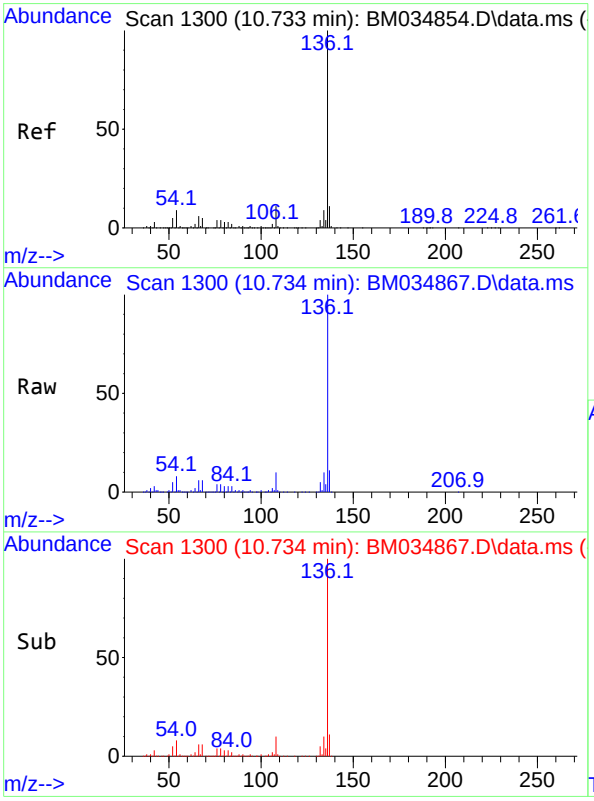
#7
Phenol-d6
Concen: 103.352 ng
RT: 7.087 min Scan# 6
Delta R.T. -0.005 min
Lab File: BM034867.D
Acq: 28 Apr 2022 16:43

Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE-4-45-22

Tgt Ion: 99 Resp: 875168

Ion	Ratio	Lower	Upper
99	100		
42	23.2	18.8	28.2
71	37.2	30.2	45.2

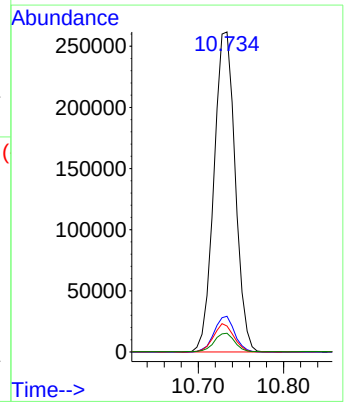


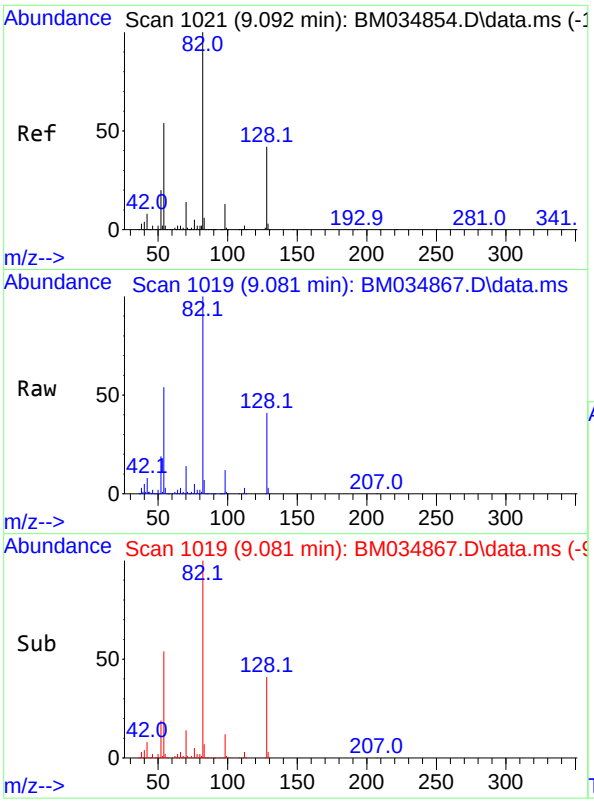


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1300
Delta R.T. 0.001 min
Lab File: BM034867.D
Acq: 28 Apr 2022 16:43

Tgt Ion:136 Resp: 452814

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.1	7.0	10.4
68	5.8	4.3	6.5



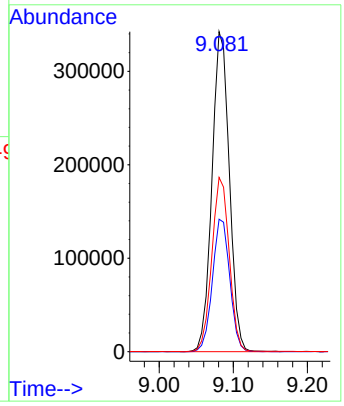


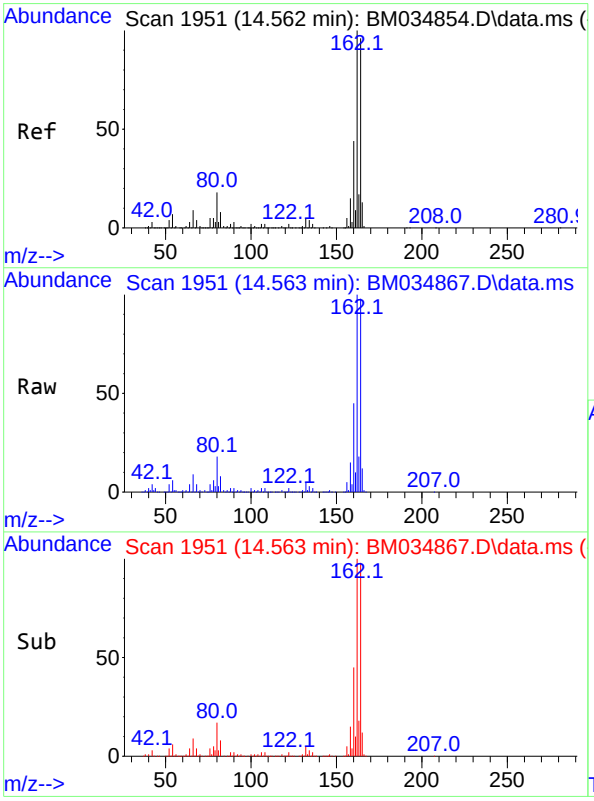
#23
Nitrobenzene-d5
Concen: 66.346 ng
RT: 9.081 min Scan# 1(
Delta R.T. -0.011 min
Lab File: BM034867.D
Acq: 28 Apr 2022 16:43

Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE-4-45-22

Tgt Ion: 82 Resp: 556327

Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.7	50.5
54	54.5	43.2	64.8

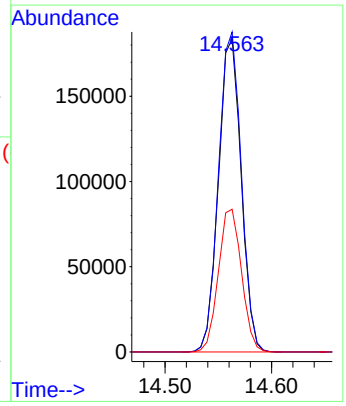


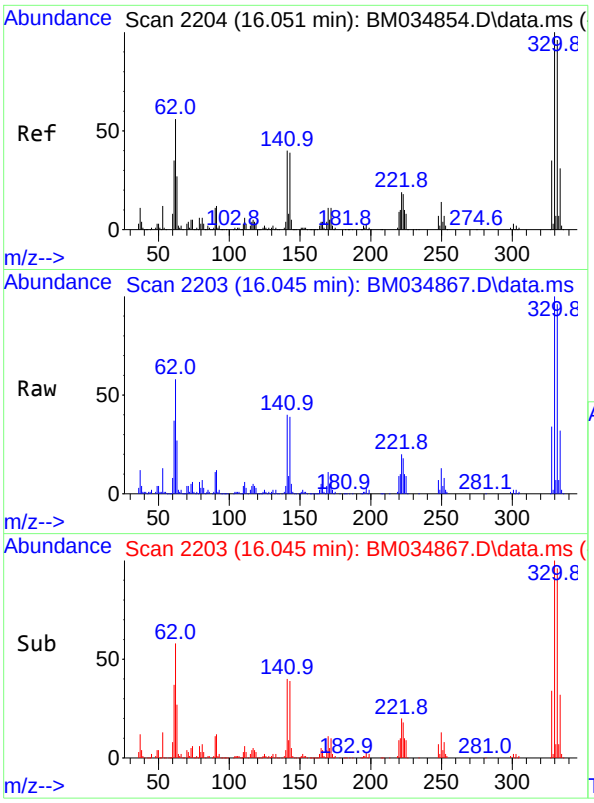


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1951
Delta R.T. 0.001 min
Lab File: BM034867.D
Acq: 28 Apr 2022 16:43

Tgt Ion:164 Resp: 271303

Ion	Ratio	Lower	Upper
164	100		
162	102.2	83.0	124.6
160	45.6	37.0	55.4



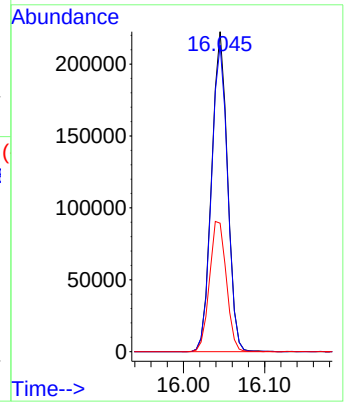


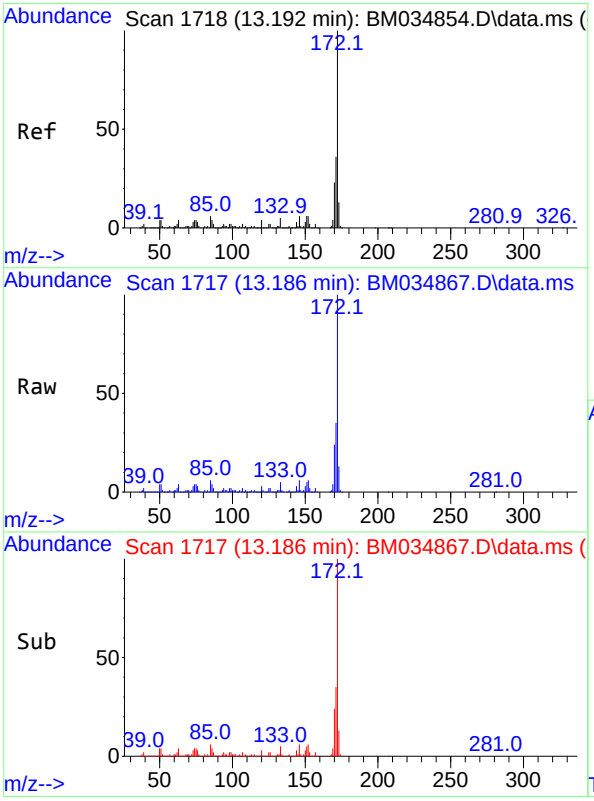
#42
2,4,6-Tribromophenol
Concen: 102.445 ng
RT: 16.045 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM034867.D
Acq: 28 Apr 2022 16:43

Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE-4-45-22

Tgt Ion:330 Resp: 302340

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.4
141	43.2	35.3	52.9

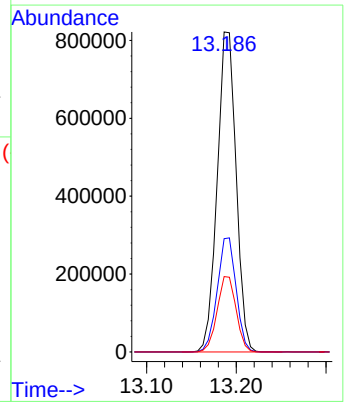


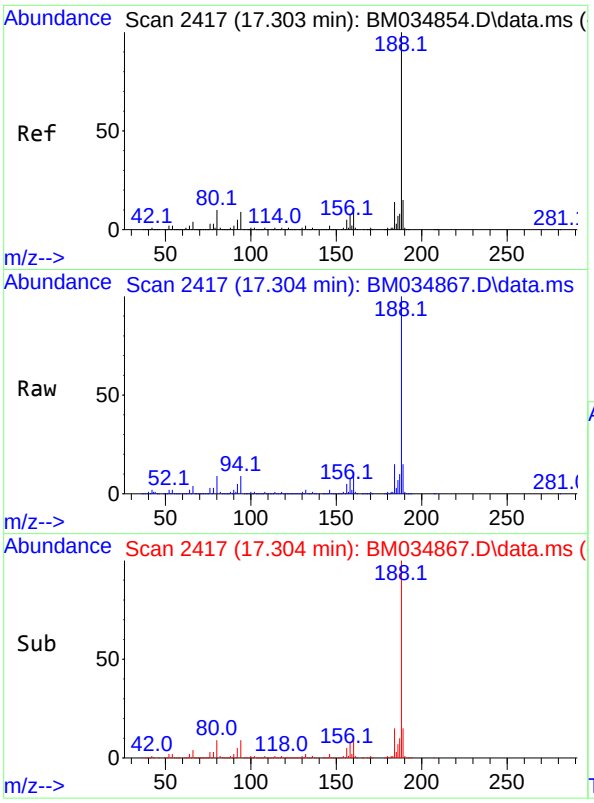


#45
2-Fluorobiphenyl
Concen: 64.387 ng
RT: 13.186 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BM034867.D
Acq: 28 Apr 2022 16:43

Tgt Ion:172 Resp: 1203327

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.6	18.7	28.1



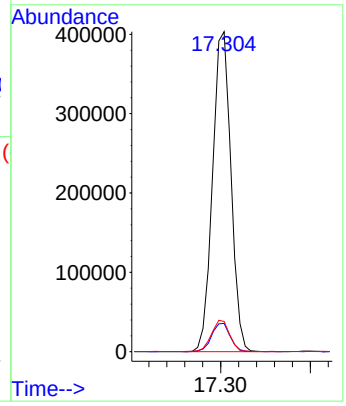


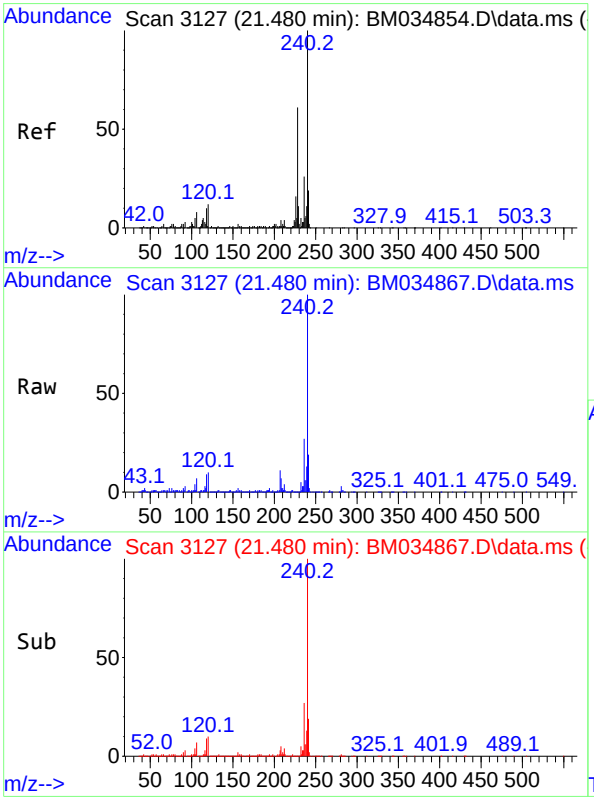
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM034867.D
Acq: 28 Apr 2022 16:43

Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE-4-45-22

Tgt Ion:188 Resp: 573615

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.4
80	9.5	7.6	11.4

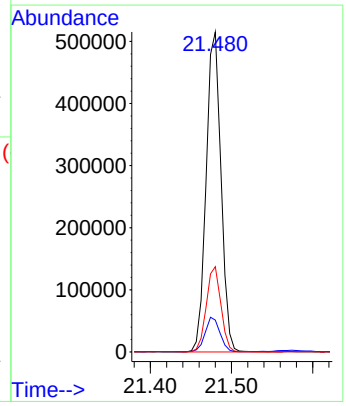


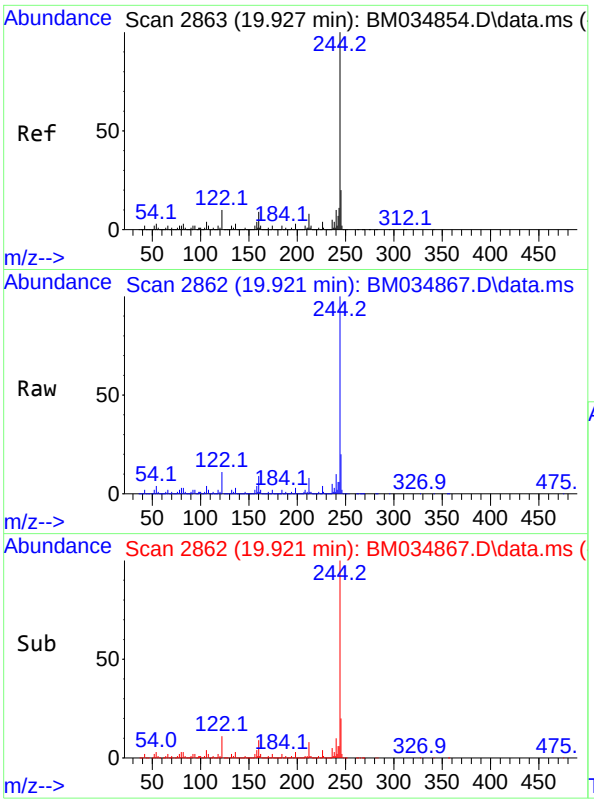


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.480 min Scan# 3127
Delta R.T. 0.000 min
Lab File: BM034867.D
Acq: 28 Apr 2022 16:43

Tgt Ion:240 Resp: 653043

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.4	14.0
236	26.6	20.6	30.8



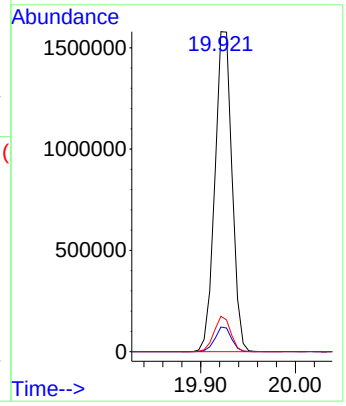


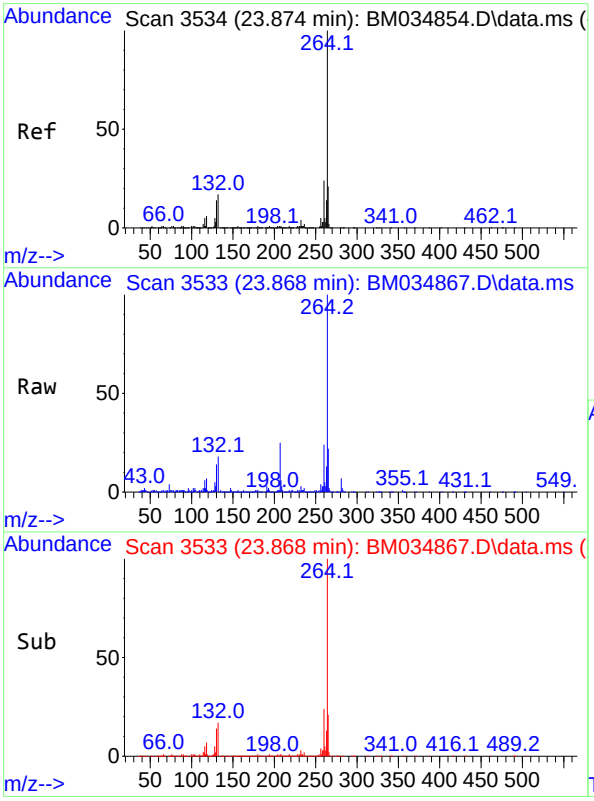
#79
Terphenyl-d14
Concen: 58.796 ng
RT: 19.921 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM034867.D
Acq: 28 Apr 2022 16:43

Instrument :
BNA_M
ClientSampleId :
BLIND-DUPLICATE-4-45-22

Tgt Ion:244 Resp: 1983052

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.4
122	11.0	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.868 min Scan# 3533
Delta R.T. -0.006 min
Lab File: BM034867.D
Acq: 28 Apr 2022 16:43

Tgt Ion:264 Resp: 777440

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.9	17.5	26.3