Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120721\
Data File : BP008251.D
Acq On : 07 Dec 2021 14:50
Operator : CG/JU
Sample : M4919-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FDR-MW-3-20211202

Quant Time: Dec 08 01:08:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	26252	20.000	ng	-0.01
21) Naphthalene-d8	10.581	136	102625	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	70525	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	155390	20.000	ng	-0.01
76) Chrysene-d12	21.304	240	201797	20.000	ng	-0.01
86) Perylene-d12	23.698	264	257763	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	93110	57.106	ng	0.00
7) Phenol-d6	6.981	99	72609	32.989	ng	0.00
23) Nitrobenzene-d5	8.945	82	226771	100.482	ng	-0.02
42) 2,4,6-Tribromophenol	15.939	330	146249	162.241	ng	-0.01
45) 2-Fluorobiphenyl	13.051	172	478154	98.481	ng	-0.02
79) Terphenyl-d14	19.768	244	719416	74.507	ng	-0.01
Target Compounds						Qvalue

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

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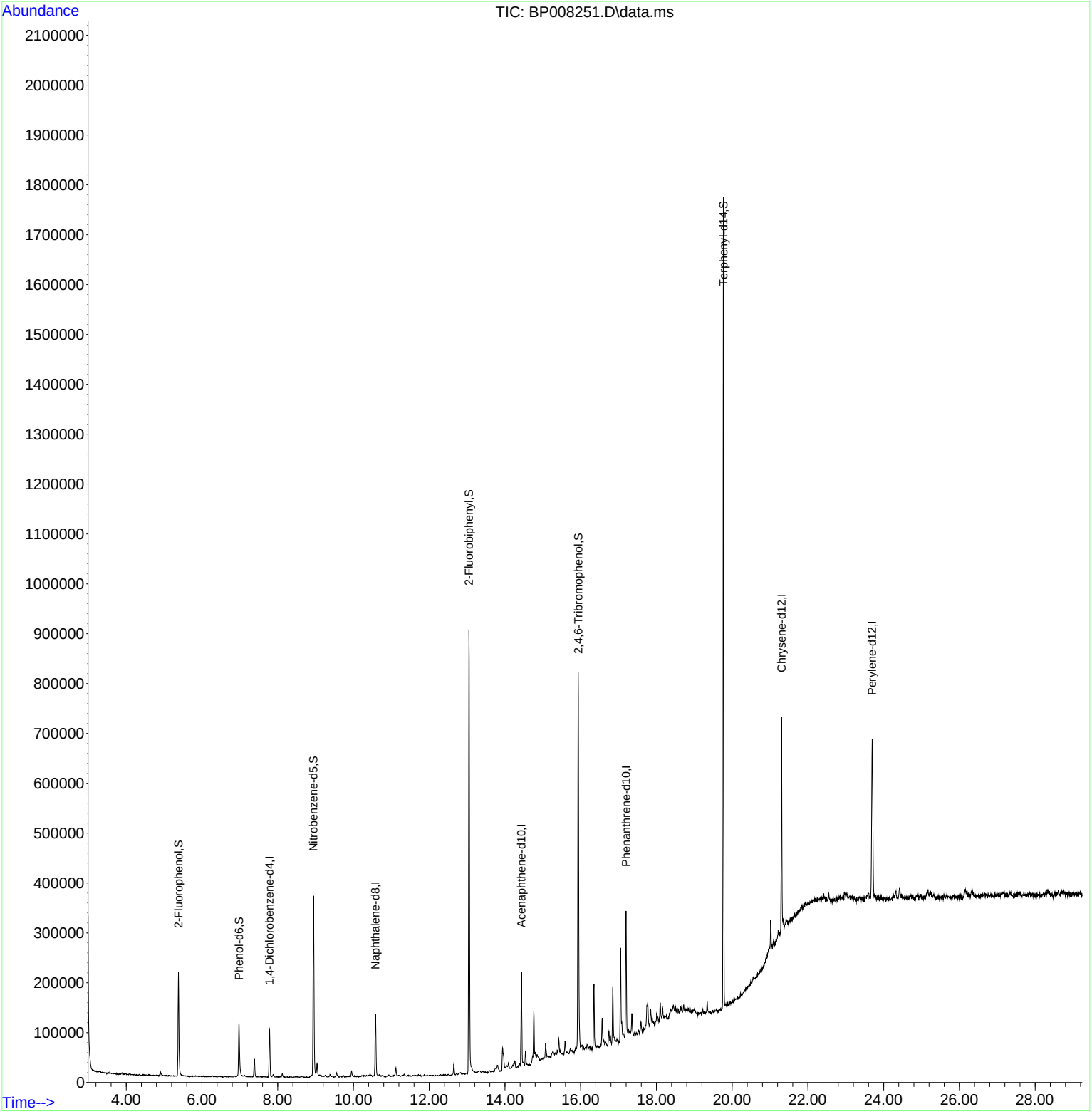
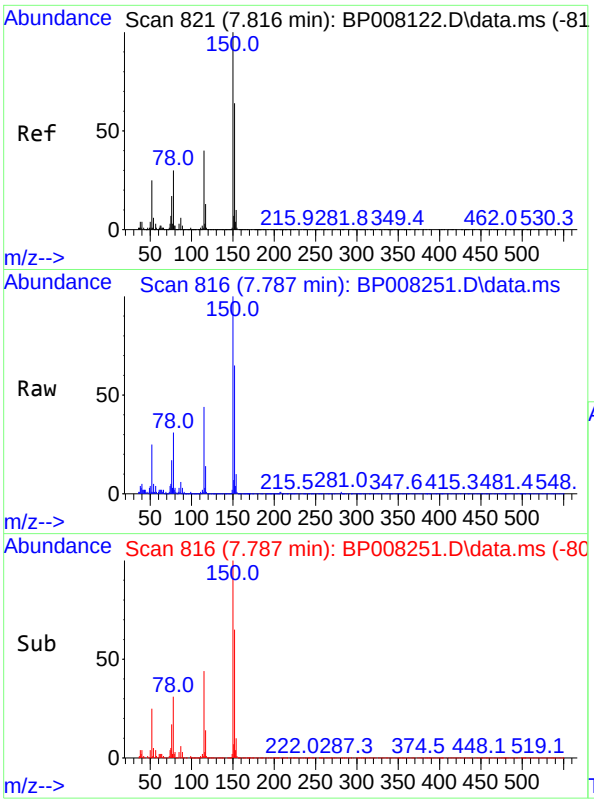


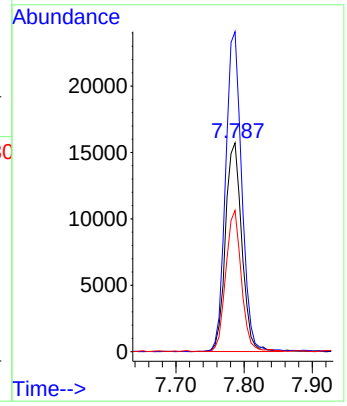


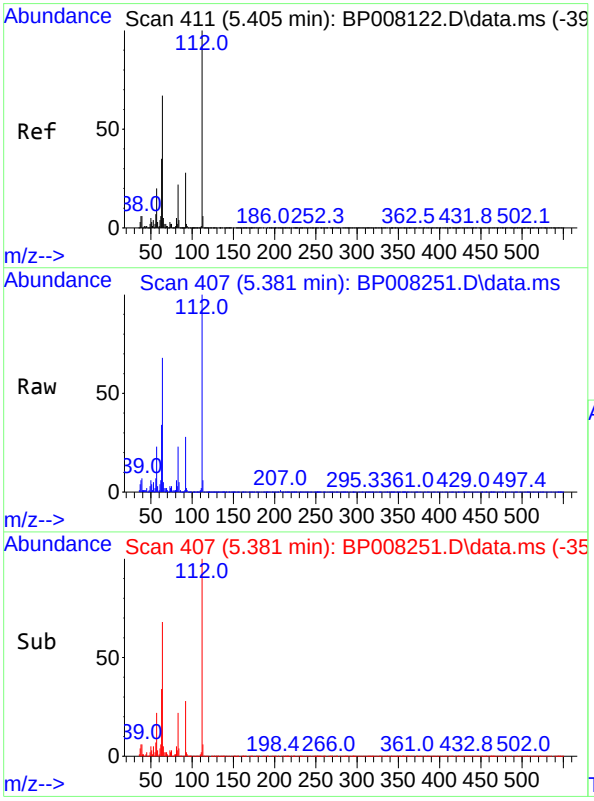
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008251.D
Acq: 07 Dec 2021 14:50

Instrument :
BNA_P
ClientSampleId :
FDR-MW-3-20211202

Tgt Ion:152 Resp: 26252

Ion	Ratio	Lower	Upper
152	100		
150	153.2	125.7	188.5
115	67.6	50.7	76.1

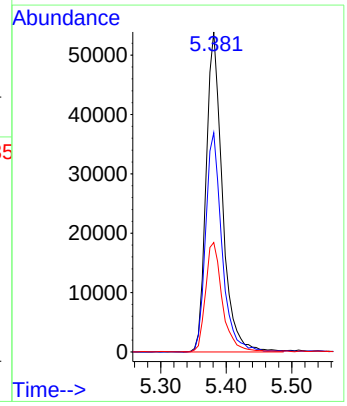


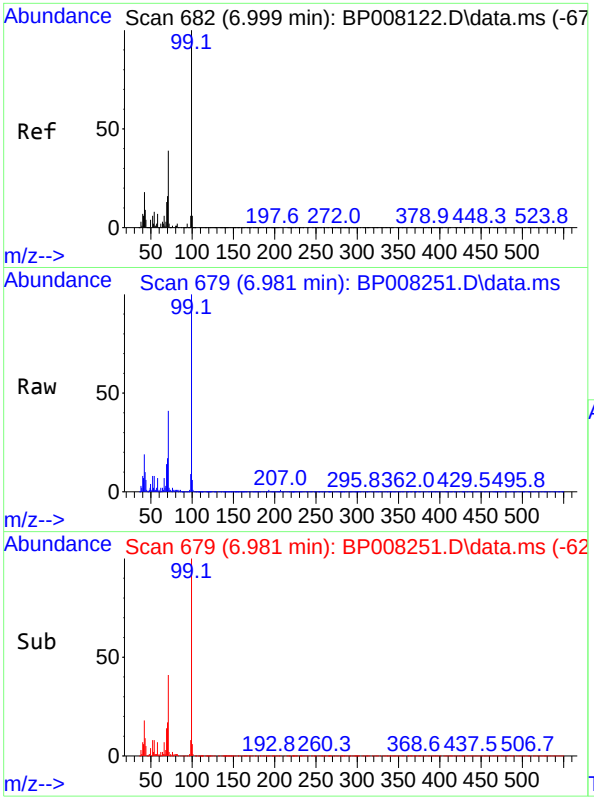


#5
2-Fluorophenol
Concen: 57.106 ng
RT: 5.381 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP008251.D
Acq: 07 Dec 2021 14:50

Tgt Ion:112 Resp: 93110

Ion	Ratio	Lower	Upper
112	100		
64	68.5	53.4	80.2
63	34.2	27.8	41.8



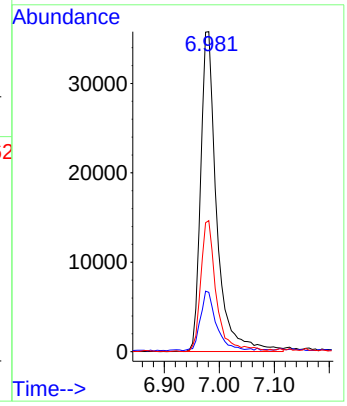


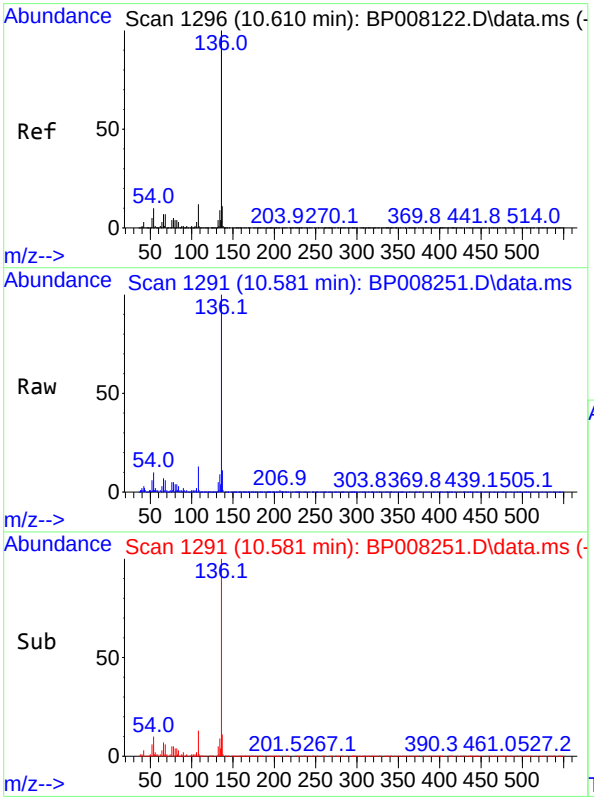
#7
Phenol-d6
Concen: 32.989 ng
RT: 6.981 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP008251.D
Acq: 07 Dec 2021 14:50

Instrument :
BNA_P
ClientSampleId :
FDR-MW-3-20211202

Tgt Ion: 99 Resp: 72609

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.6	22.0
71	41.0	31.1	46.7

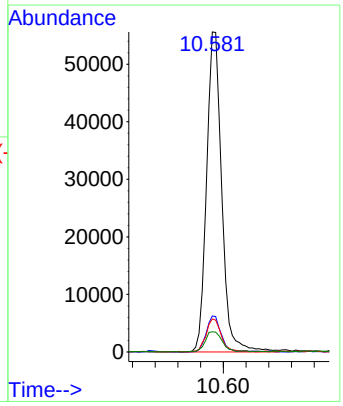


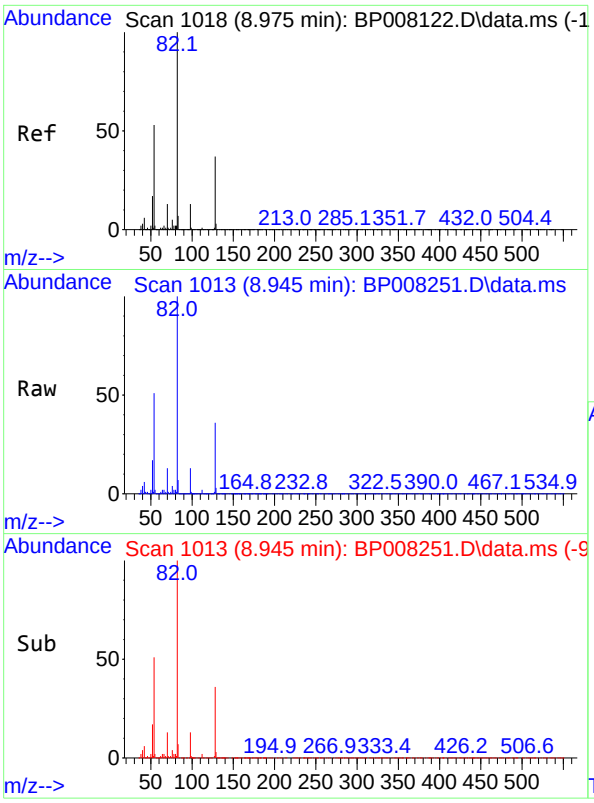


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.018 min
Lab File: BP008251.D
Acq: 07 Dec 2021 14:50

Tgt Ion:136 Resp: 102625

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	10.3	8.2	12.4
68	6.3	5.8	8.8



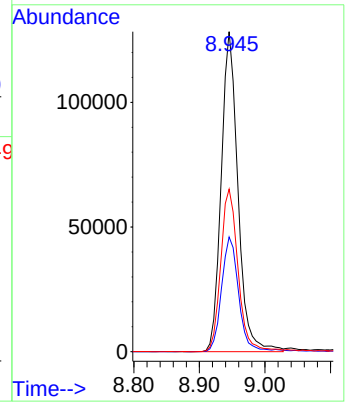


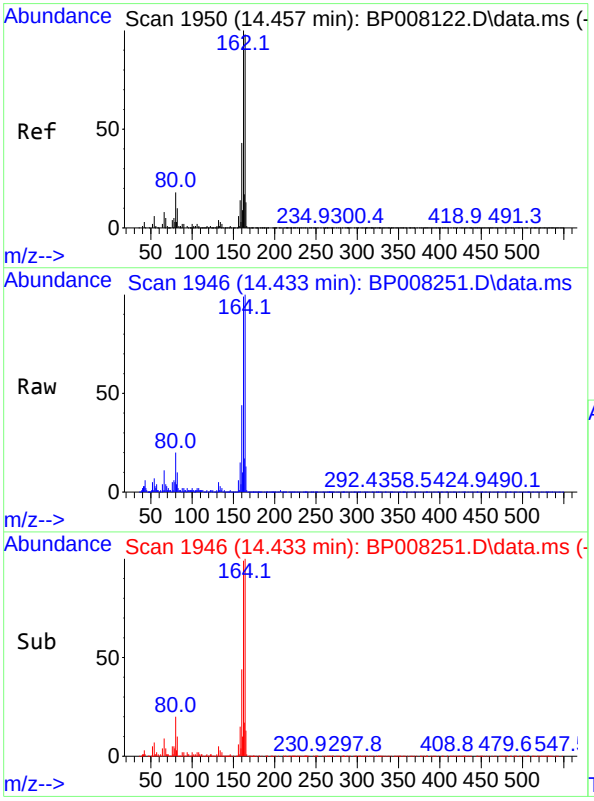
#23
Nitrobenzene-d5
Concen: 100.482 ng
RT: 8.945 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP008251.D
Acq: 07 Dec 2021 14:50

Instrument :
BNA_P
ClientSampleId :
FDR-MW-3-20211202

Tgt Ion: 82 Resp: 226771

Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.6	44.4
54	50.8	42.7	64.1

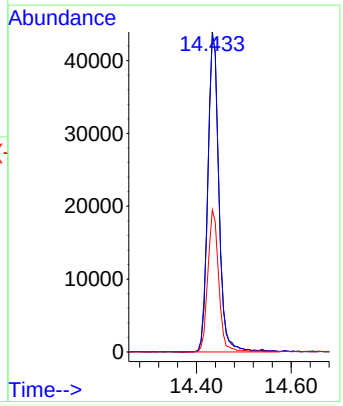


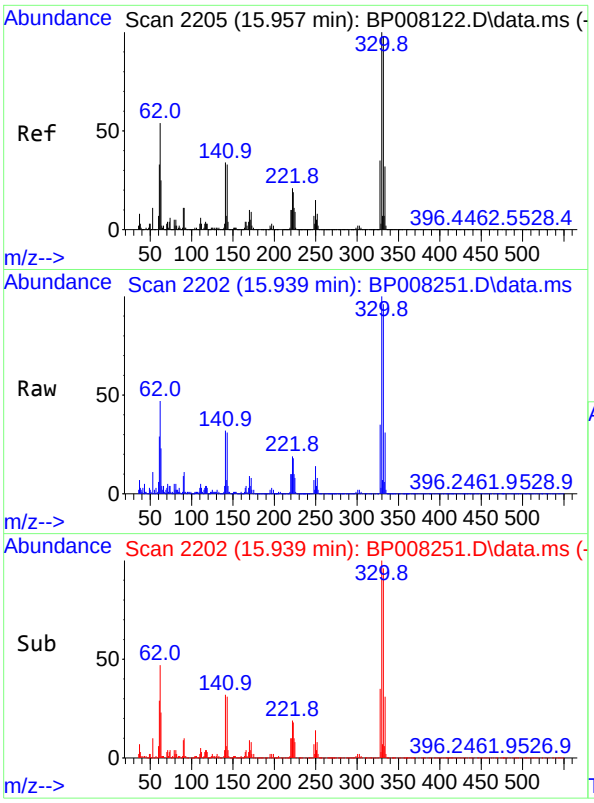


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP008251.D
Acq: 07 Dec 2021 14:50

Tgt Ion:164 Resp: 70525

Ion	Ratio	Lower	Upper
164	100		
162	98.8	81.9	122.9
160	44.4	35.4	53.0



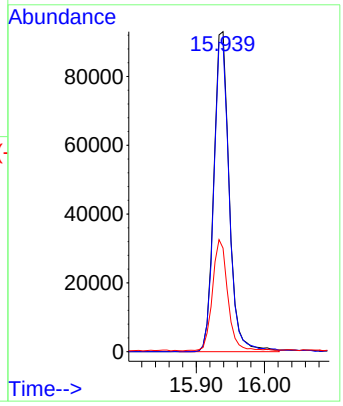


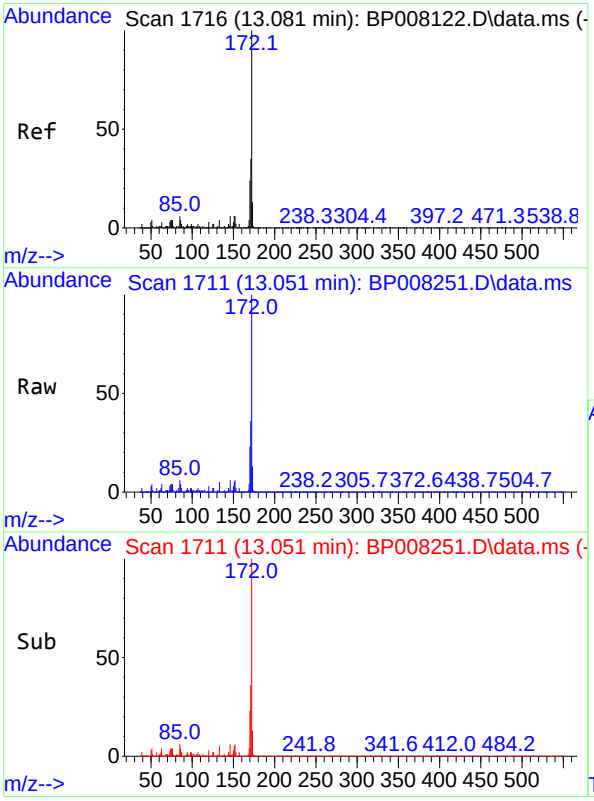
#42
2,4,6-Tribromophenol
Concen: 162.241 ng
RT: 15.939 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP008251.D
Acq: 07 Dec 2021 14:50

Instrument :
BNA_P
ClientSampleId :
FDR-MW-3-20211202

Tgt Ion:330 Resp: 146249

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.4
141	34.8	28.4	42.6

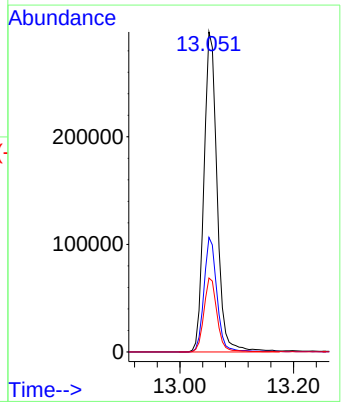


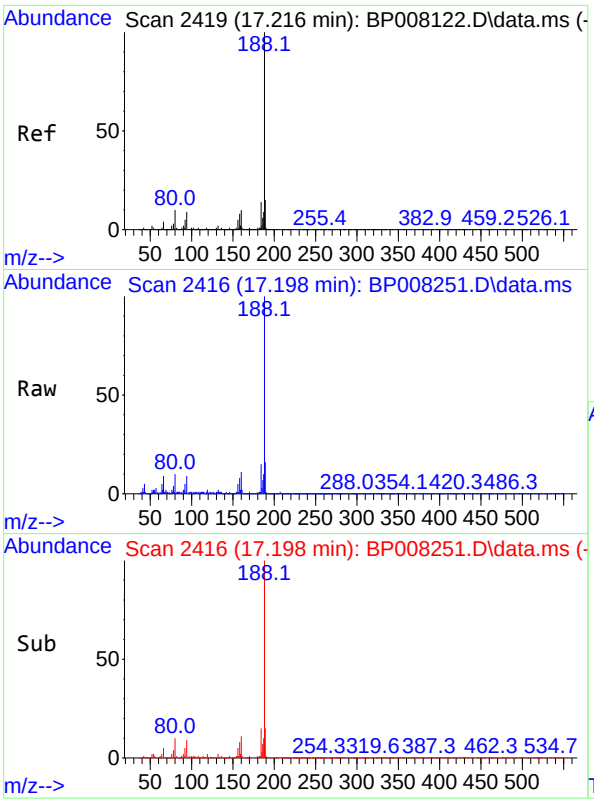


#45
2-Fluorobiphenyl
Concen: 98.481 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP008251.D
Acq: 07 Dec 2021 14:50

Tgt Ion:172 Resp: 478154

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.0	42.0
170	23.1	18.9	28.3



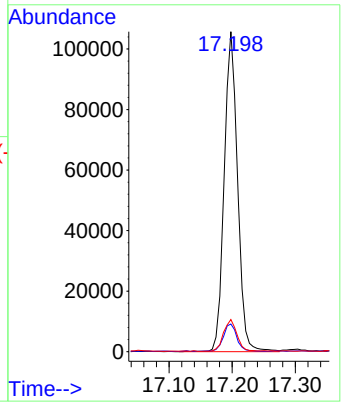


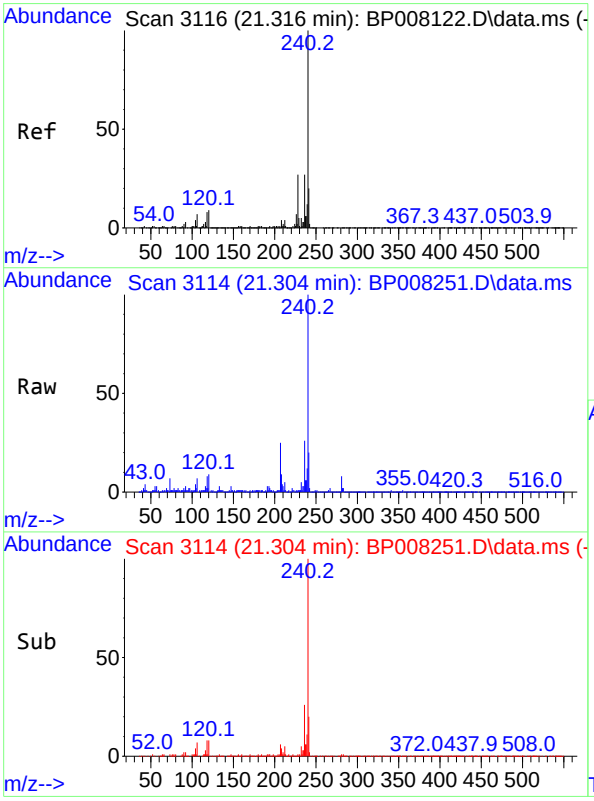
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP008251.D
Acq: 07 Dec 2021 14:50

Instrument :
BNA_P
ClientSampleId :
FDR-MW-3-20211202

Tgt Ion:188 Resp: 155390

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	10.0	8.2	12.4

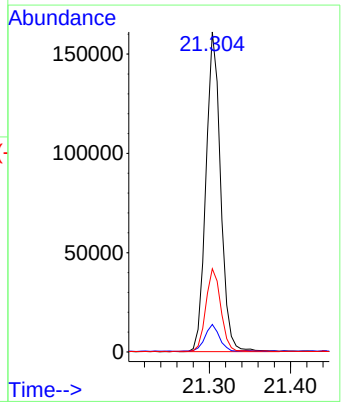


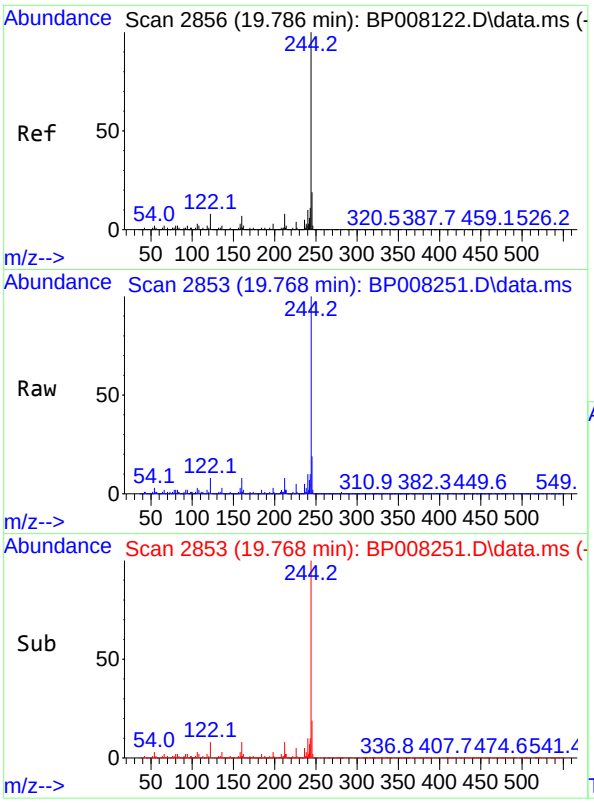


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP008251.D
Acq: 07 Dec 2021 14:50

Tgt Ion:240 Resp: 201797

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.3	10.9
236	26.0	21.4	32.2



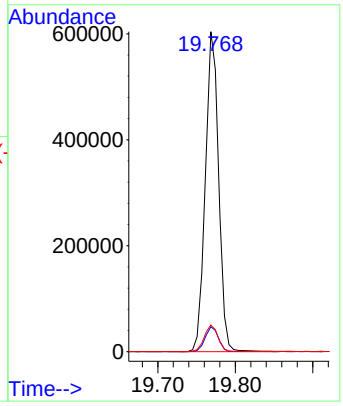


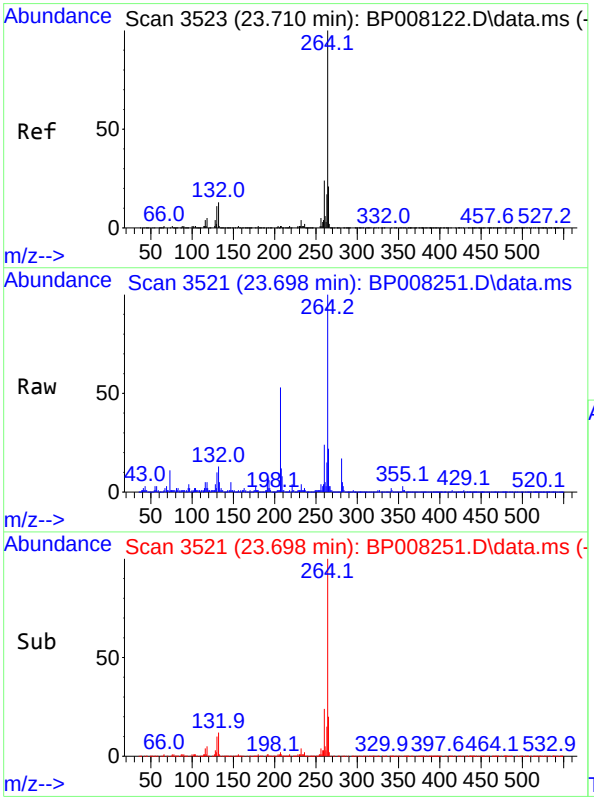
#79
Terphenyl-d14
Concen: 74.507 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP008251.D
Acq: 07 Dec 2021 14:50

Instrument :
BNA_P
ClientSampleId :
FDR-MW-3-20211202

Tgt Ion:244 Resp: 719416

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	8.3	6.6	9.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.698 min Scan# 3521
Delta R.T. -0.018 min
Lab File: BP008251.D
Acq: 07 Dec 2021 14:50

Tgt Ion:264 Resp: 257763

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.4	17.6	26.4