Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015301.D
Acq On : 26 May 2023 09:57
Operator : CG/JU
Sample : PB152410BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB152410BL

Quant Time: May 26 11:48:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 25 01:41:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	235717	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	891606	20.000	ng	0.00
39) Acenaphthene-d10	14.751	164	507325	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	1003036	20.000	ng	0.00
76) Chrysene-d12	21.580	240	705589	20.000	ng	0.00
86) Perylene-d12	24.133	264	731311	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	2050942	144.178	ng	0.00
7) Phenol-d6	7.263	99	2550473	136.812	ng	0.00
23) Nitrobenzene-d5	9.287	82	1647159	90.202	ng	0.00
42) 2,4,6-Tribromophenol	16.239	330	888876	128.931	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	3356186	88.816	ng	0.00
79) Terphenyl-d14	20.039	244	3985659	106.250	ng	0.00
Target Compounds						Qvalue

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

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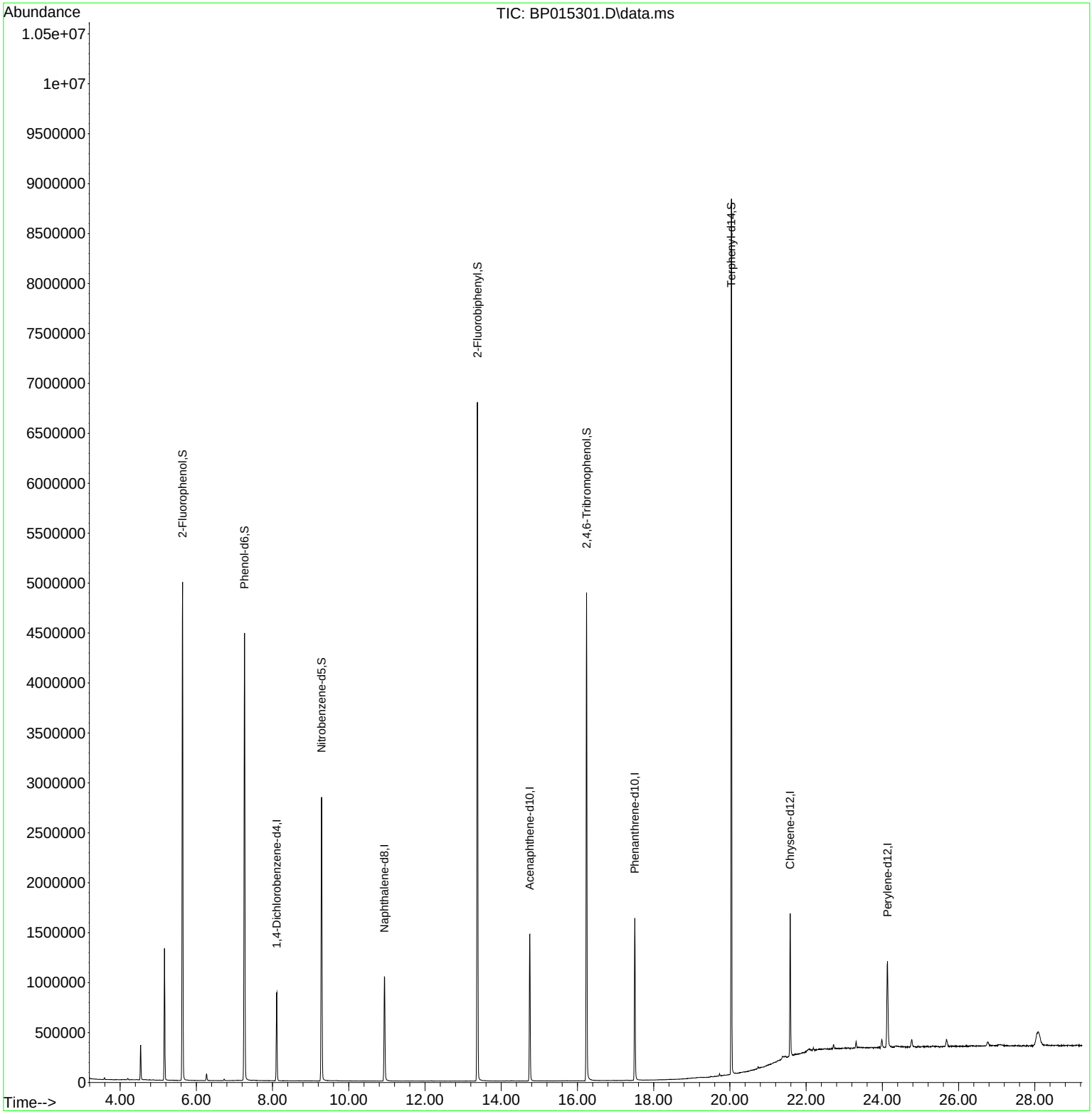
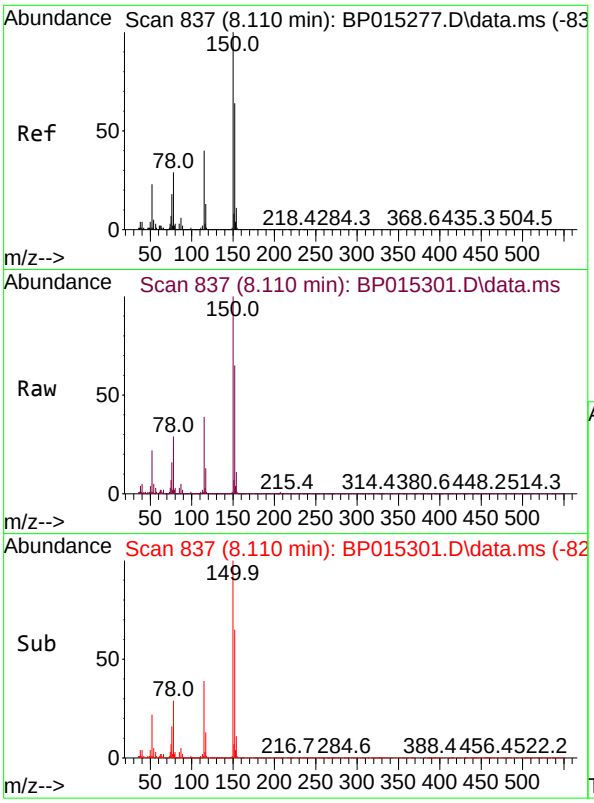


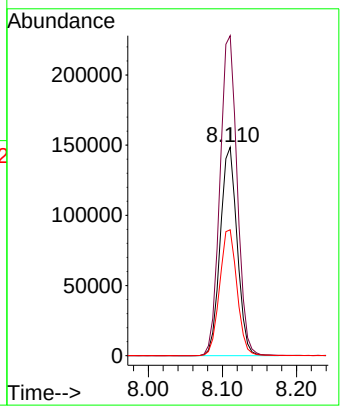


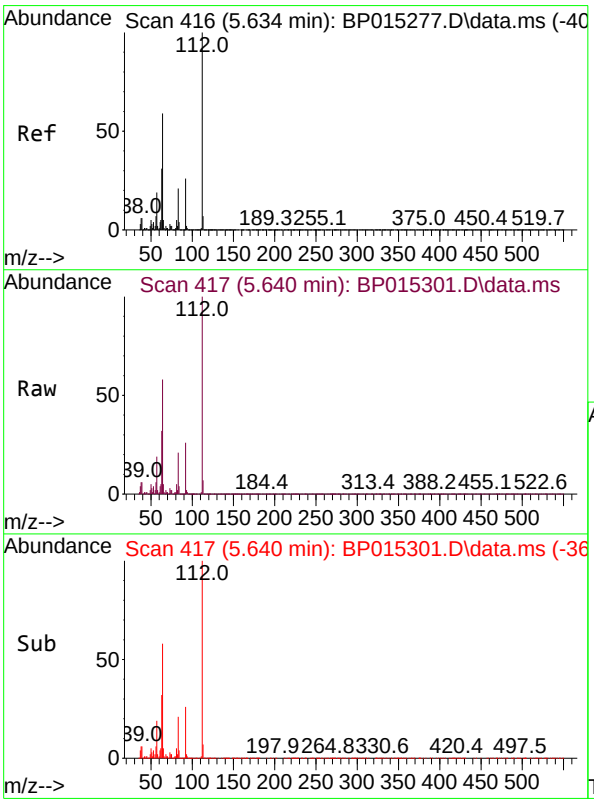
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 8
Delta R.T. 0.000 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

Instrument :
BNA_P
ClientSampleId :
PB152410BL

Tgt Ion:152 Resp: 235717

Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.2	186.2
115	60.4	49.1	73.7

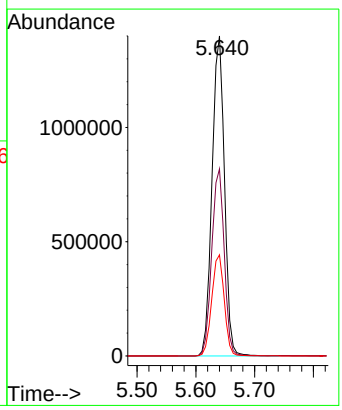


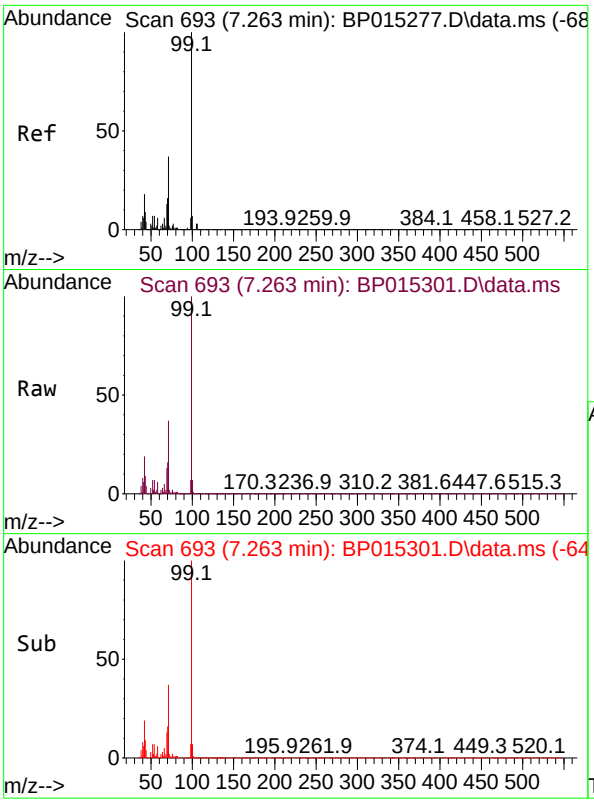


#5
2-Fluorophenol
Concen: 144.178 ng
RT: 5.640 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

Tgt Ion:112 Resp: 2050942

Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.2	70.8
63	31.6	24.6	37.0



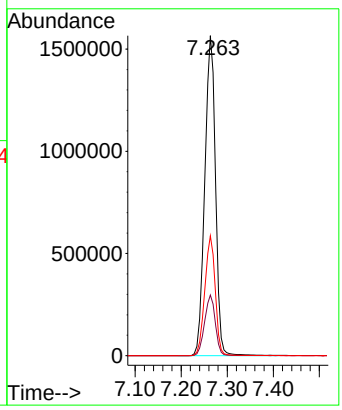


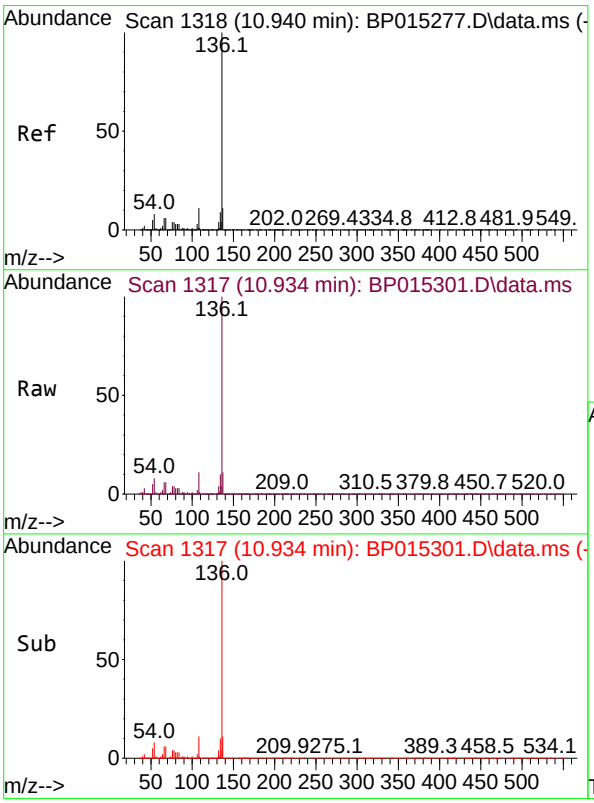
#7
Phenol-d6
Concen: 136.812 ng
RT: 7.263 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

Instrument :
BNA_P
ClientSampleId :
PB152410BL

Tgt Ion: 99 Resp: 2550473

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.6	22.0
71	37.4	29.4	44.2

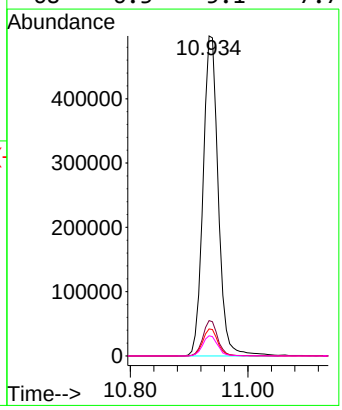


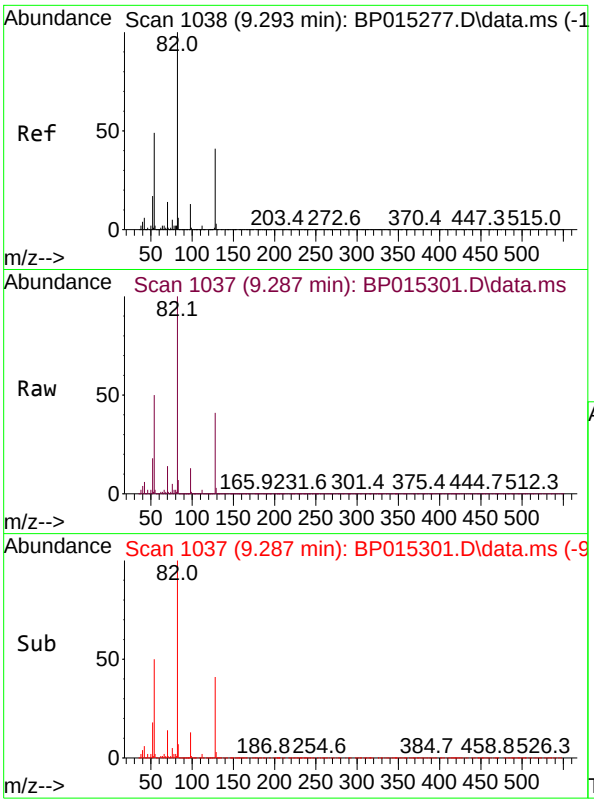


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

Tgt Ion:136 Resp: 891606

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.5	6.3	9.5
68	6.3	5.1	7.7



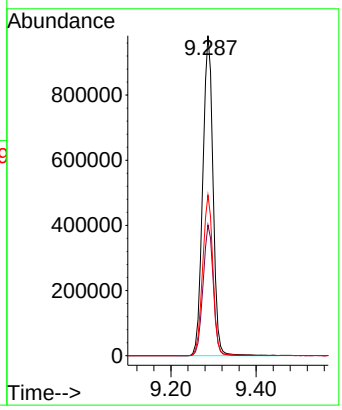


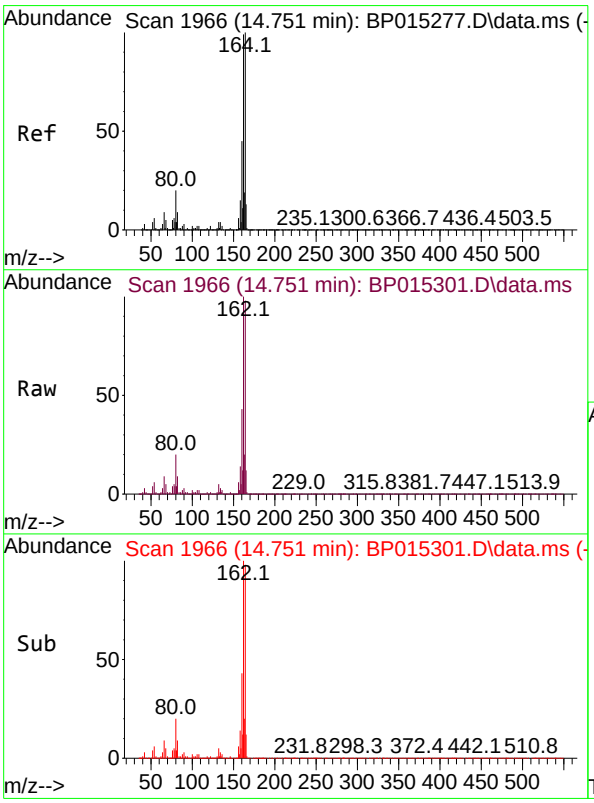
#23
Nitrobenzene-d5
Concen: 90.202 ng
RT: 9.287 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

Instrument :
BNA_P
ClientSampleId :
PB152410BL

Tgt Ion: 82 Resp: 1647159

Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.0	49.4
54	50.2	39.2	58.8

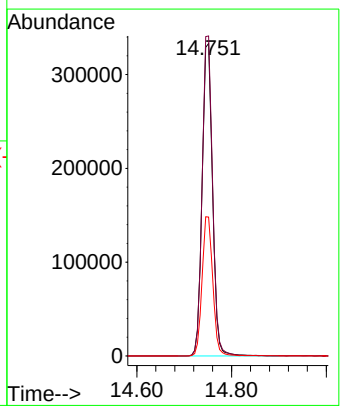


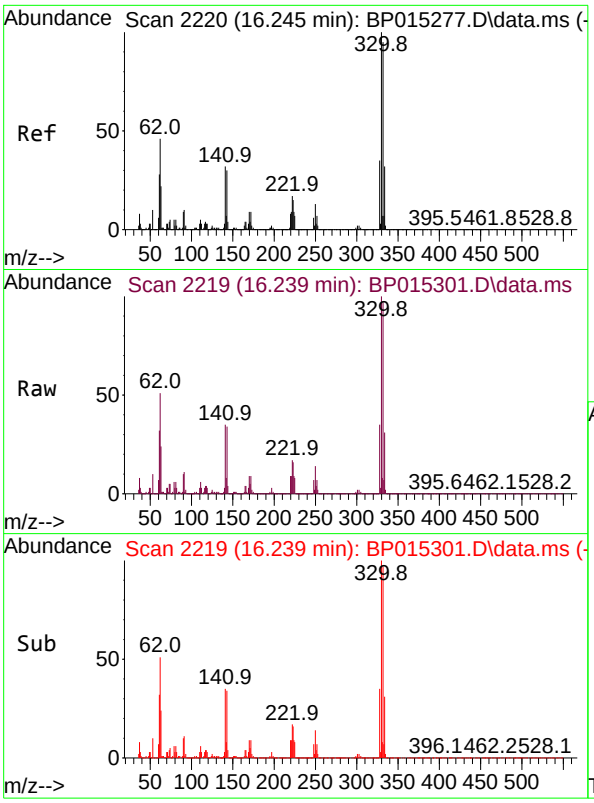


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.751 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

Tgt Ion:164 Resp: 507325

Ion	Ratio	Lower	Upper
164	100		
162	102.4	79.4	119.2
160	44.4	35.6	53.4



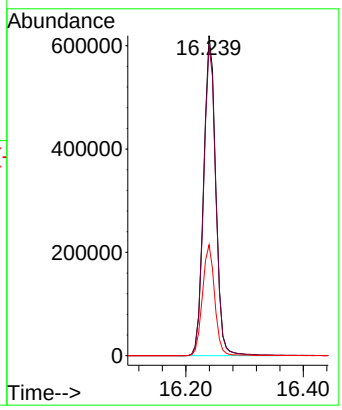


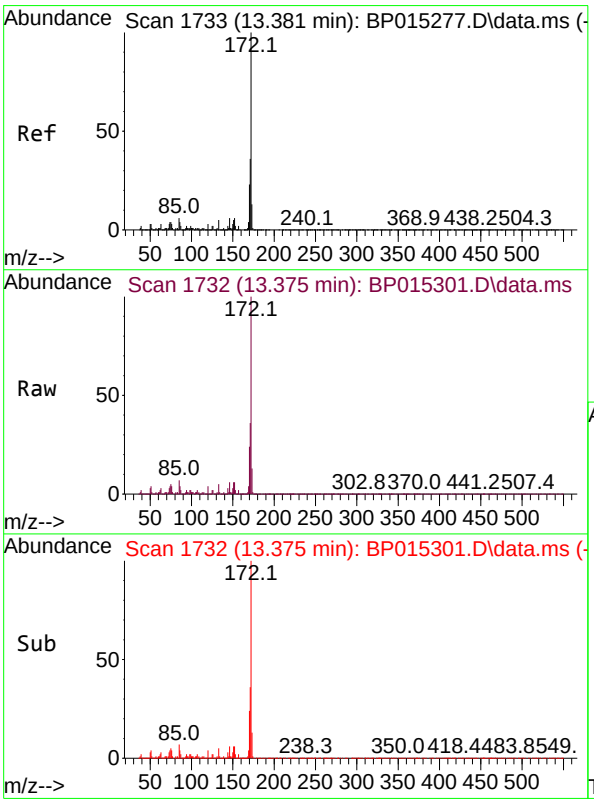
#42
2,4,6-Tribromophenol
Concen: 128.931 ng
RT: 16.239 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

Instrument :
BNA_P
ClientSampleId :
PB152410BL

Tgt Ion:330 Resp: 888876

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.3	114.5
141	35.0	27.8	41.8

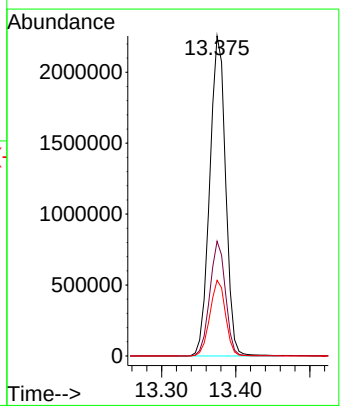


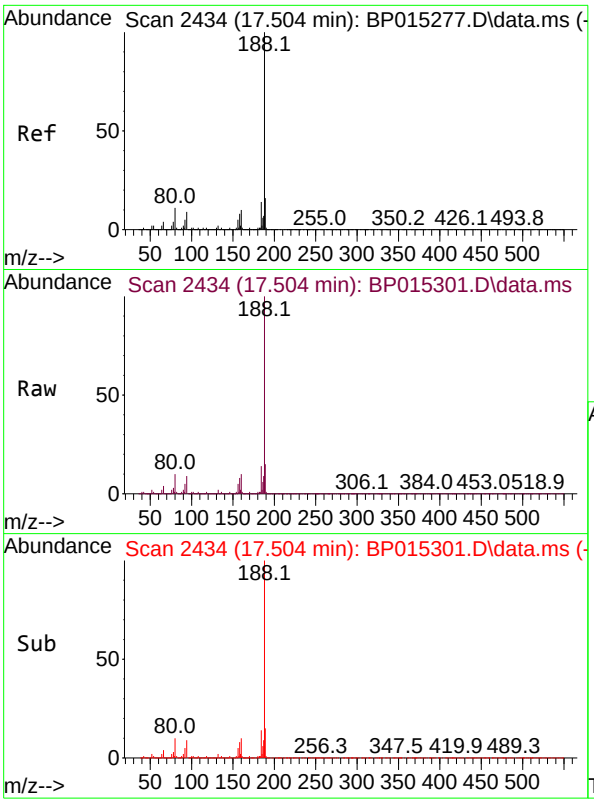


#45
2-Fluorobiphenyl
Concen: 88.816 ng
RT: 13.375 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

Tgt Ion:172 Resp: 3356186

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.4	42.6
170	23.7	18.7	28.1



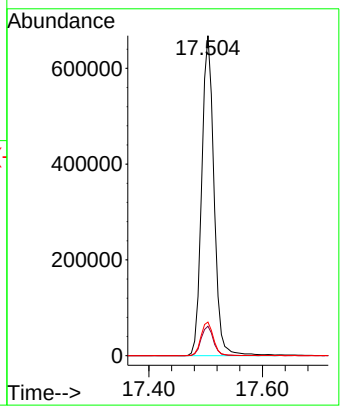


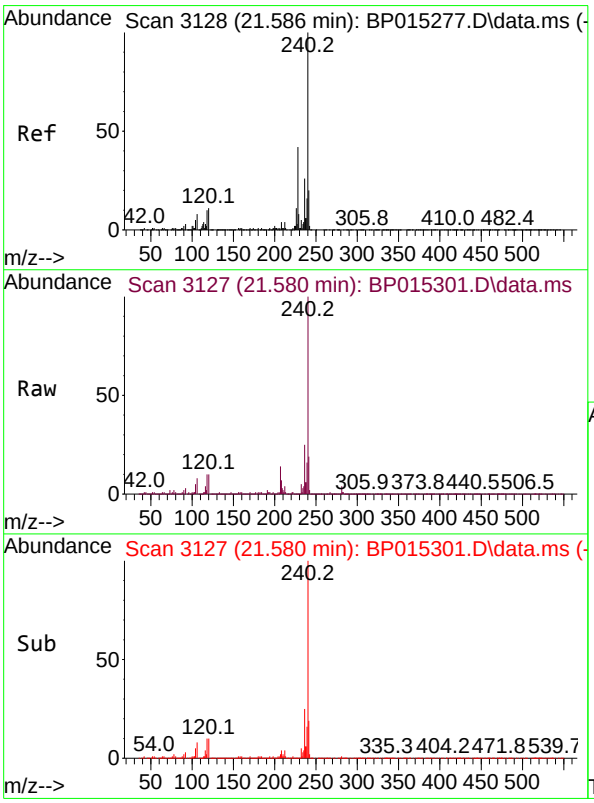
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.504 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

Instrument :
BNA_P
ClientSampleId :
PB152410BL

Tgt Ion:188 Resp: 1003036

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.0
80	10.5	8.6	13.0

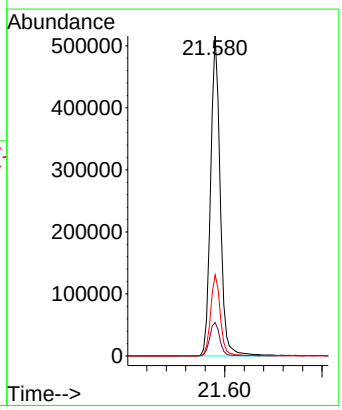


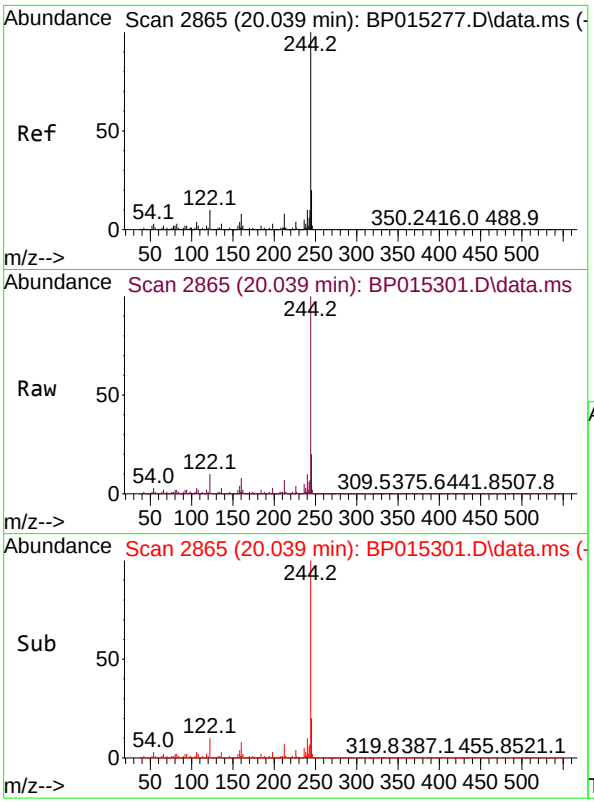


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

Tgt Ion:240 Resp: 705589

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.8	13.2
236	25.4	20.5	30.7



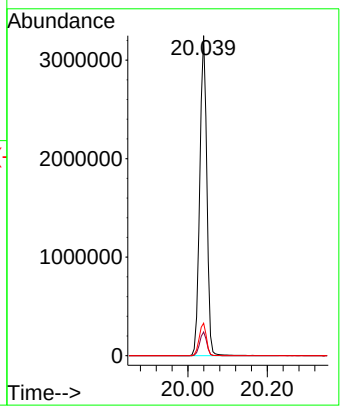


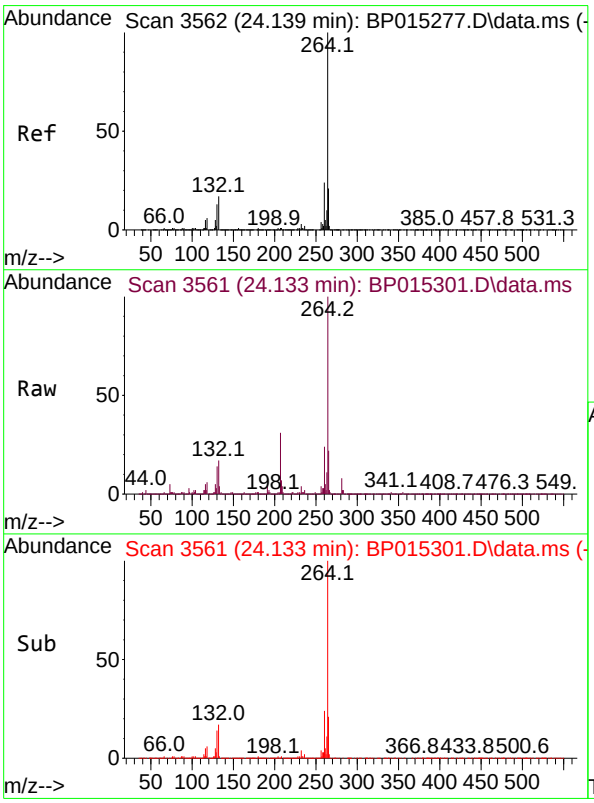
#79
Terphenyl-d14
Concen: 106.250 ng
RT: 20.039 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

Instrument :
BNA_P
ClientSampleId :
PB152410BL

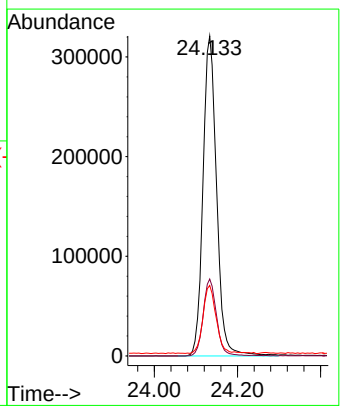
Tgt Ion:244 Resp: 3985659

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.2	8.2	12.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.133 min Scan# 3561
Delta R.T. -0.006 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

Tgt Ion:264 Resp: 731311

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	22.0	17.5	26.3