Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008357.D
Acq On : 11 Dec 2021 00:30
Operator : CG/JU
Sample : M4959-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-1S

Quant Time: Dec 11 04:02:59 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 03:53:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	74114	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	226709	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	127333	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	266828	20.000	ng	0.00
76) Chrysene-d12	21.280	240	342553	20.000	ng	0.00
86) Perylene-d12	23.662	264	390191	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	540221	117.361	ng	0.00
7) Phenol-d6	6.952	99	649224	104.480	ng	0.00
23) Nitrobenzene-d5	8.922	82	421597	84.564	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	210891	129.577	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	705837	80.518	ng	0.00
79) Terphenyl-d14	19.751	244	1168820	71.310	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.198	202	80541	4.244	ng	99
81) Benzo(a)anthracene	21.268	228	63323	2.789	ng	92
83) Chrysene	21.321	228	70519	3.264	ng	96
88) Benzo(b)fluoranthene	22.939	252	98683	4.195	ng	97
90) Benzo(a)pyrene	23.557	252	73559	3.659	ng	95
92) Benzo(g,h,i)perylene	26.898	276	52520	2.208	ng	99

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

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Quant Time: Dec 11 04:02:59 2021
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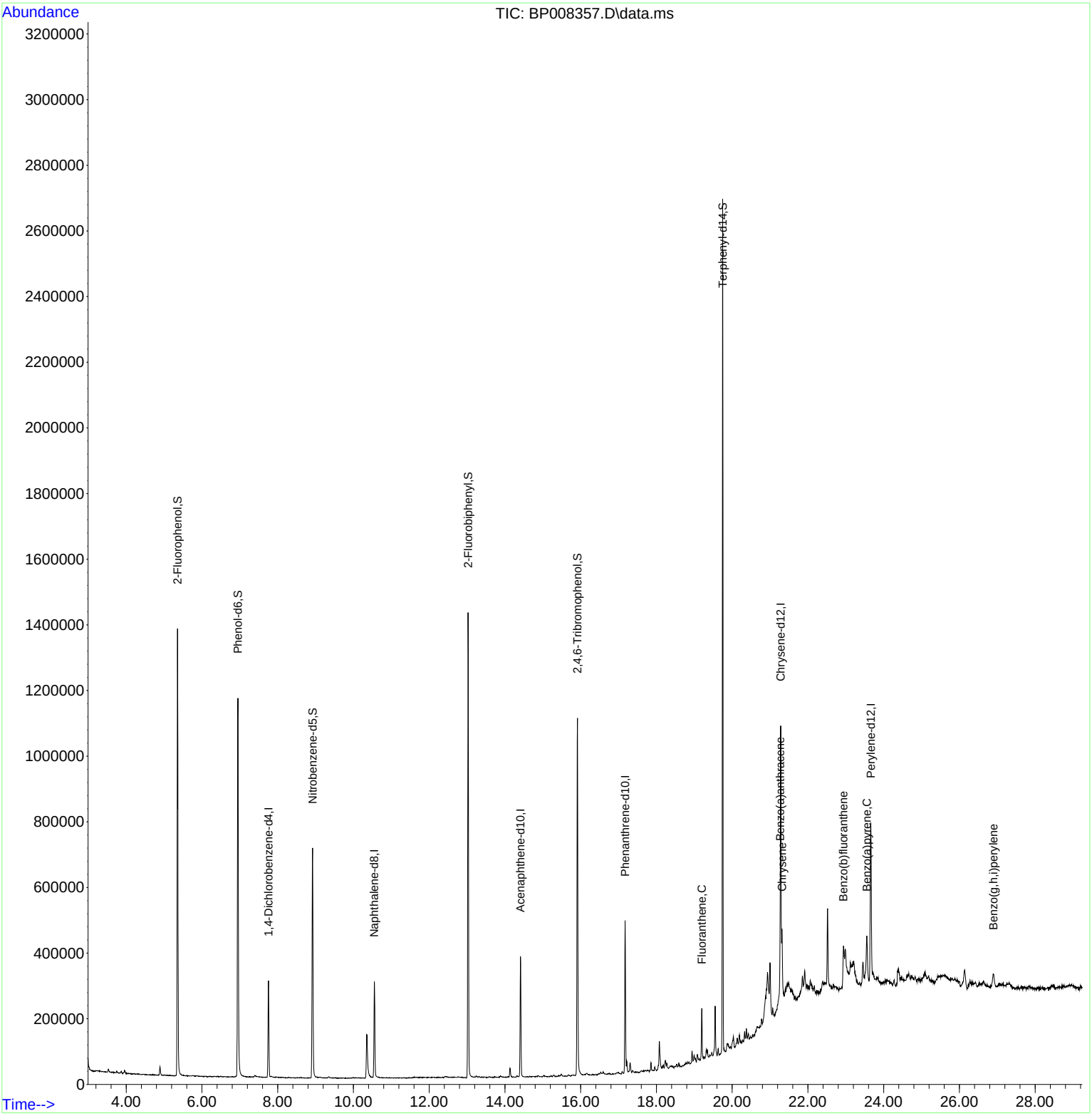
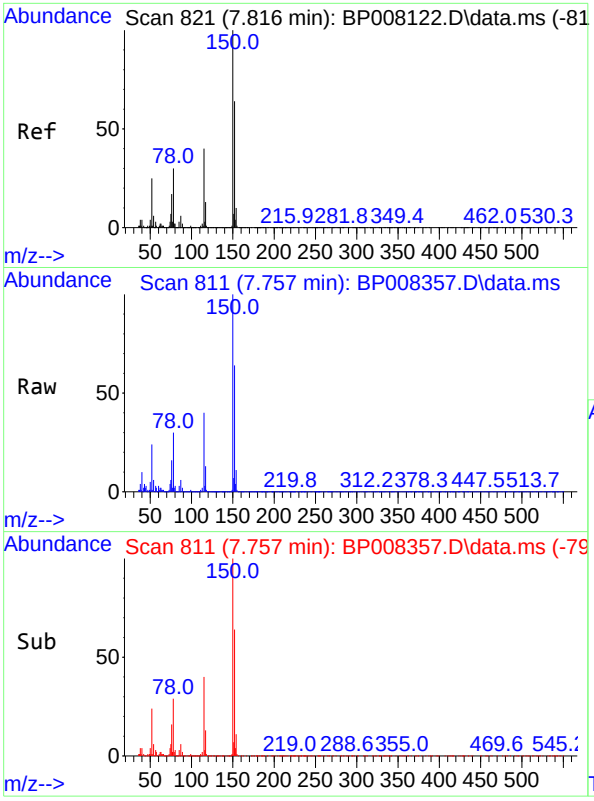
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 03:53:01 2021
Response via : Initial Calibration



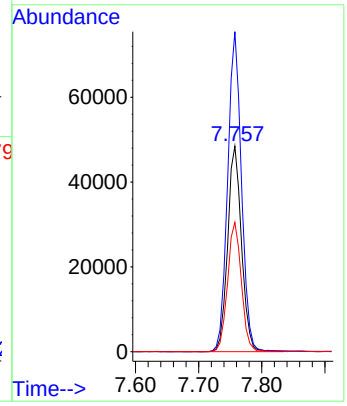


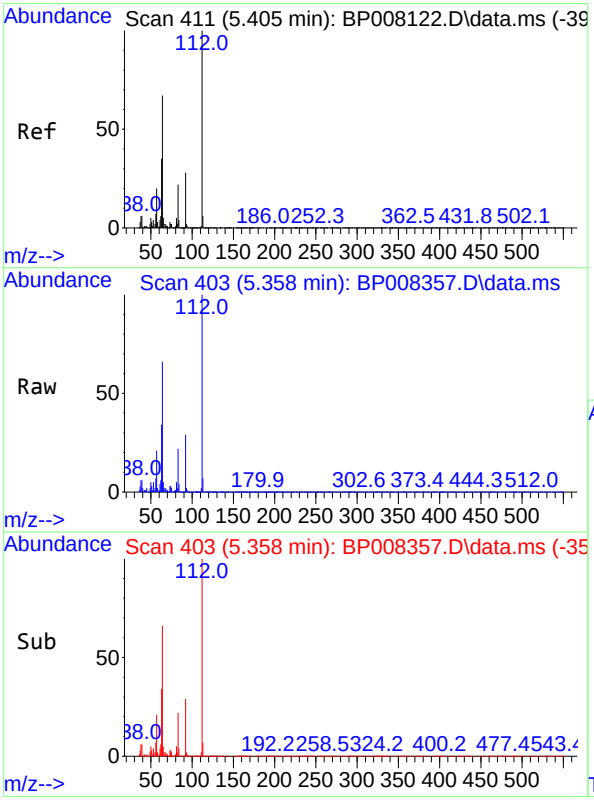
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.757 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Instrument :
BNA_P
ClientSampleId :
TP-1S

Tgt Ion:152 Resp: 74114

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.7	188.5
115	62.8	50.7	76.1

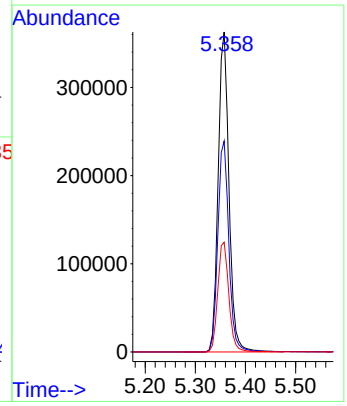


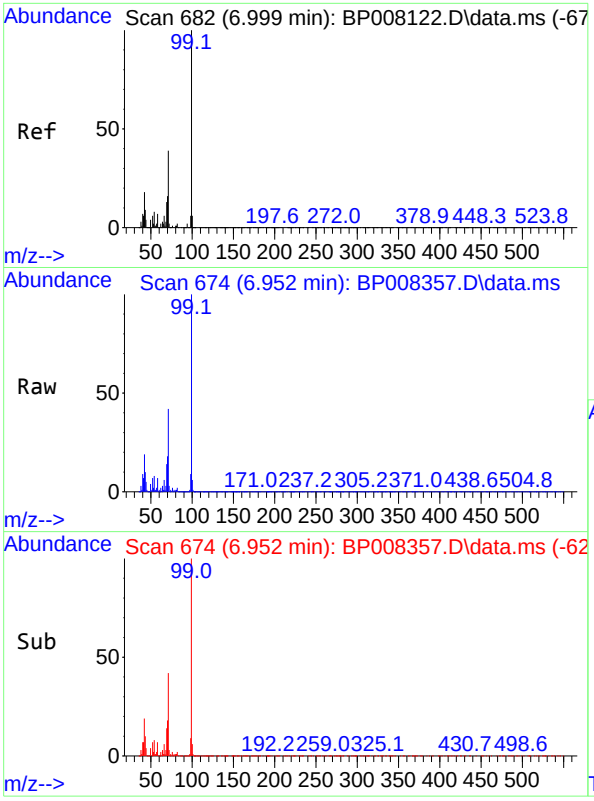


#5
2-Fluorophenol
Concen: 117.361 ng
RT: 5.358 min Scan# 403
Delta R.T. -0.000 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Tgt Ion:112 Resp: 540221

Ion	Ratio	Lower	Upper
112	100		
64	65.9	53.4	80.2
63	34.3	27.8	41.8



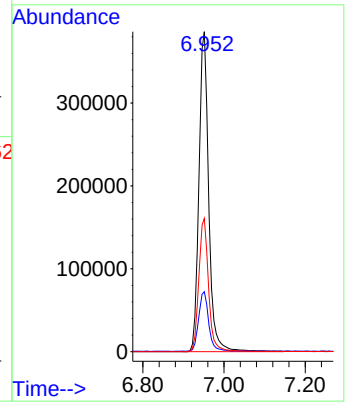


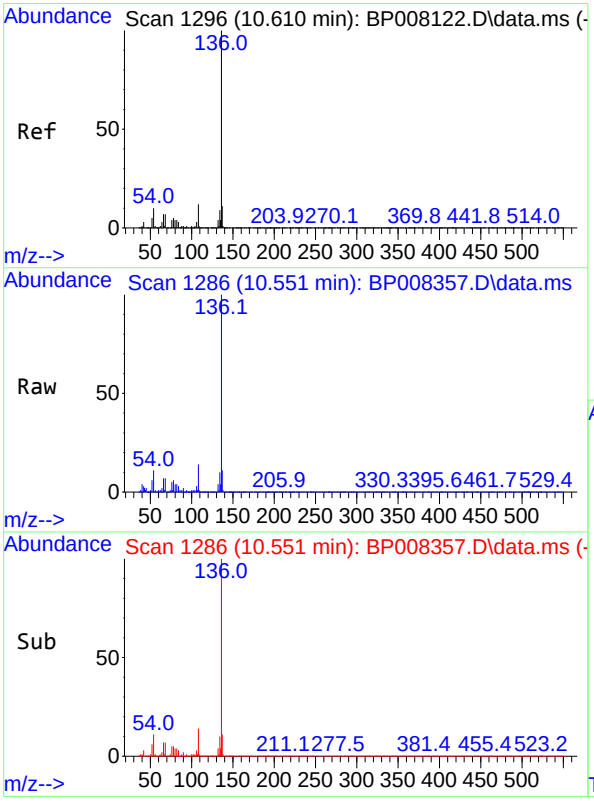
#7
Phenol-d6
Concen: 104.480 ng
RT: 6.952 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Instrument :
BNA_P
ClientSampleId :
TP-1S

Tgt Ion: 99 Resp: 649224

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.6	22.0
71	41.6	31.1	46.7

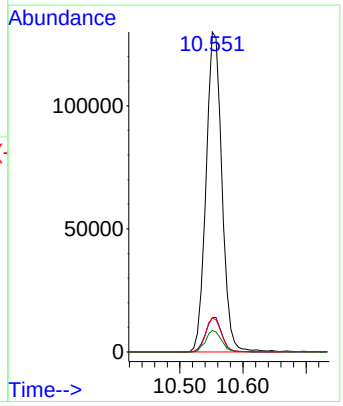


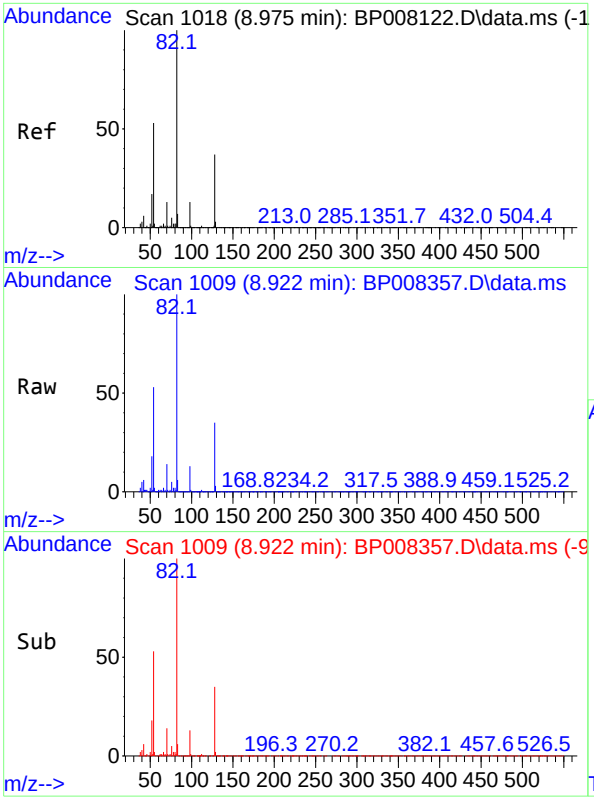


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Tgt Ion:136 Resp: 226709

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	10.5	8.2	12.4
68	6.7	5.8	8.8



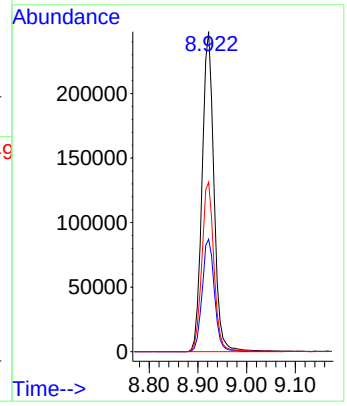


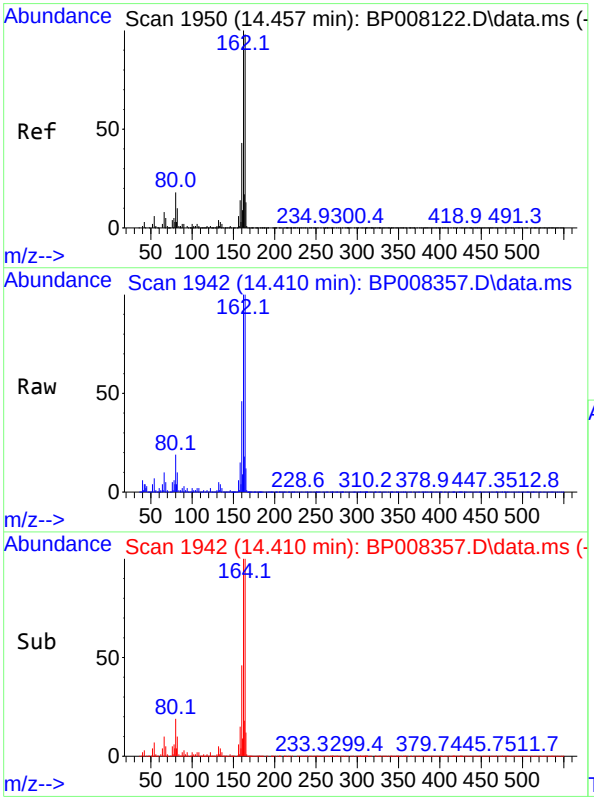
#23
Nitrobenzene-d5
Concen: 84.564 ng
RT: 8.922 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Instrument :
BNA_P
ClientSampleId :
TP-1S

Tgt Ion: 82 Resp: 421597

Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.6	44.4
54	52.9	42.7	64.1

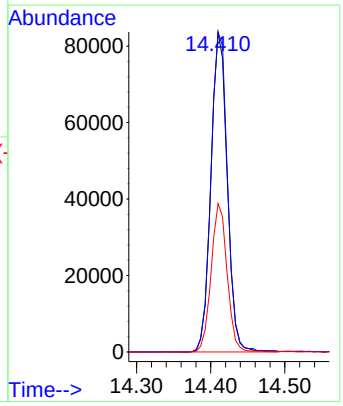


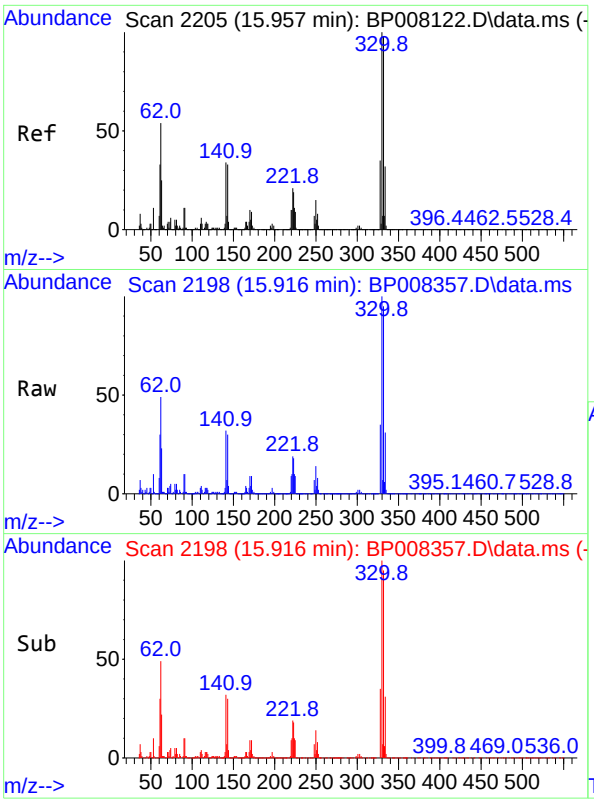


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Tgt Ion:164 Resp: 127333

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.9	122.9
160	46.4	35.4	53.0



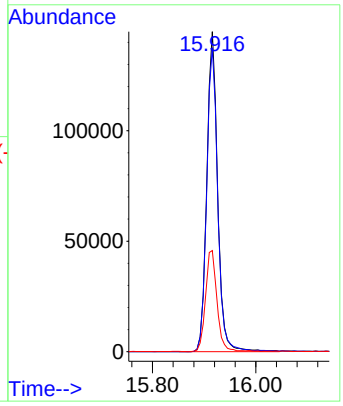


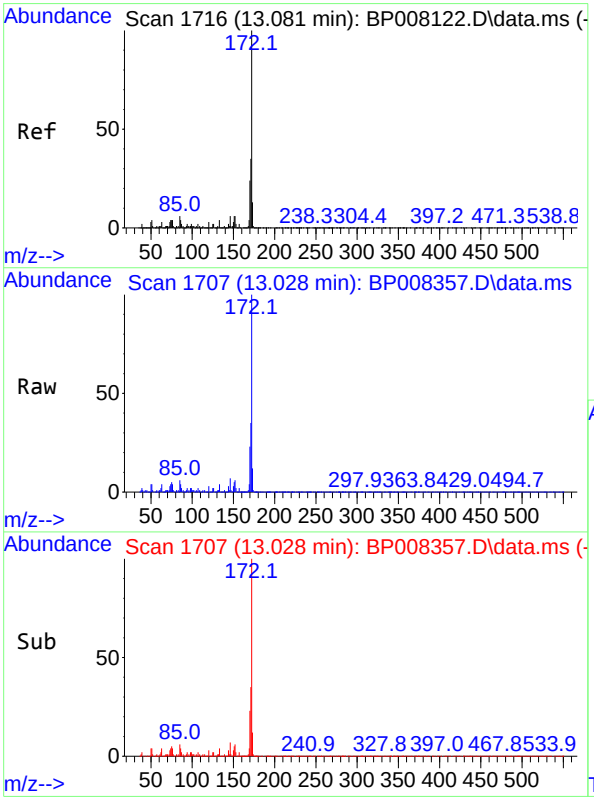
#42
2,4,6-Tribromophenol
Concen: 129.577 ng
RT: 15.916 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Instrument :
BNA_P
ClientSampleId :
TP-1S

Tgt Ion:330 Resp: 210891

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.4
141	33.5	28.4	42.6

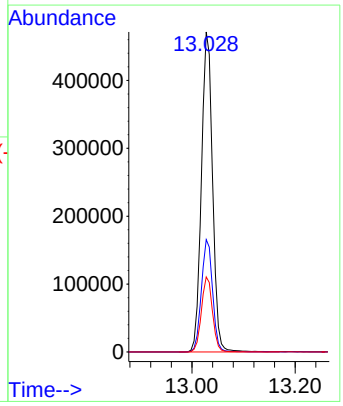


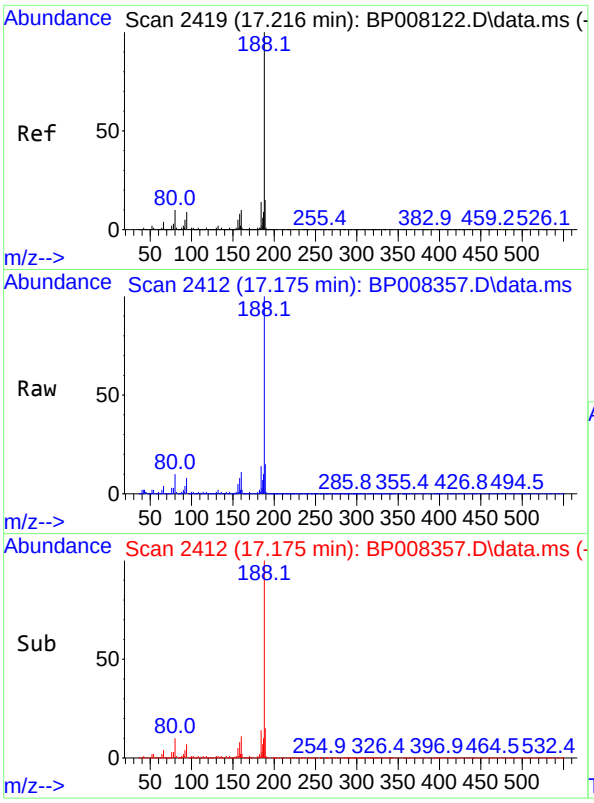


#45
2-Fluorobiphenyl
Concen: 80.518 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Tgt Ion:172 Resp: 705837

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.0	42.0
170	23.4	18.9	28.3



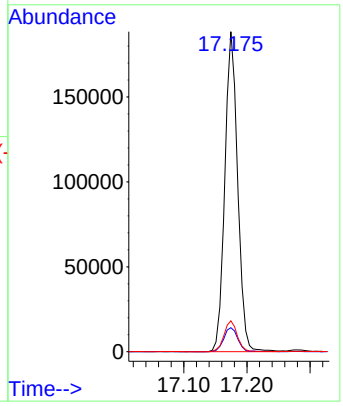


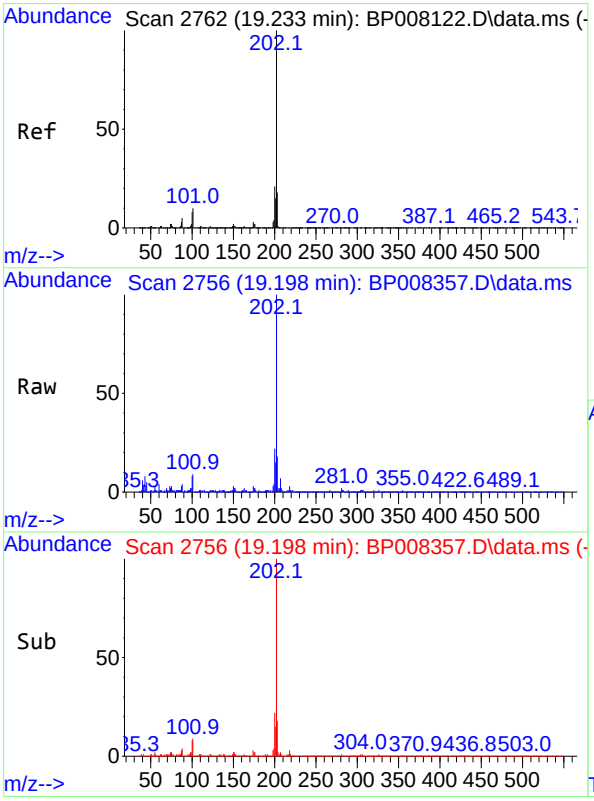
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Instrument :
BNA_P
ClientSampleId :
TP-1S

Tgt Ion:188 Resp: 266828

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.2	10.8
80	9.6	8.2	12.4

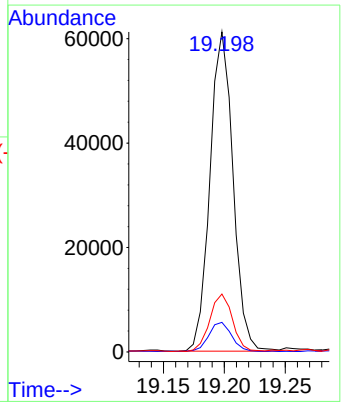


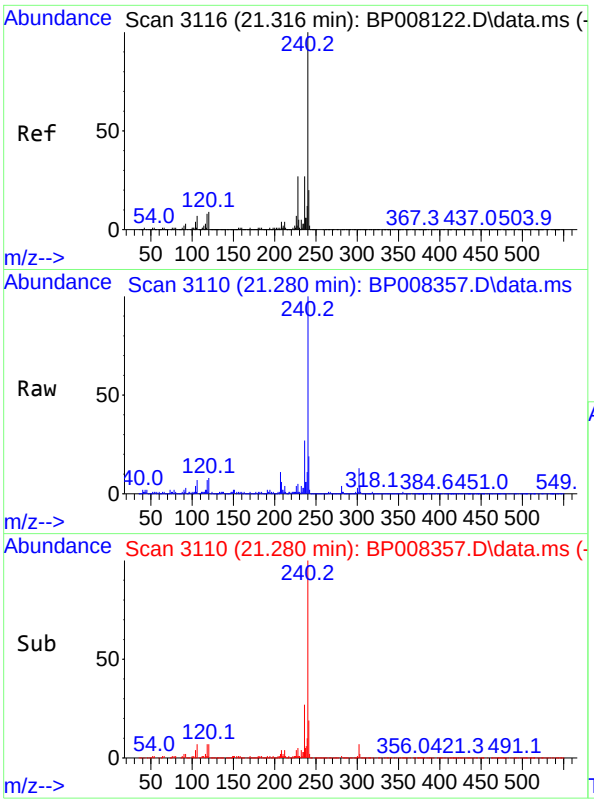


#75
Fluoranthene
Concen: 4.244 ng
RT: 19.198 min Scan# 2756
Delta R.T. -0.006 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Tgt Ion:202 Resp: 80541

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	29.8
203	18.1	0.0	37.7



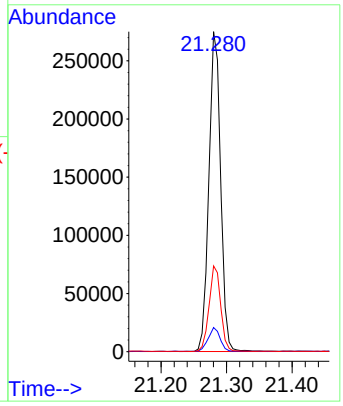


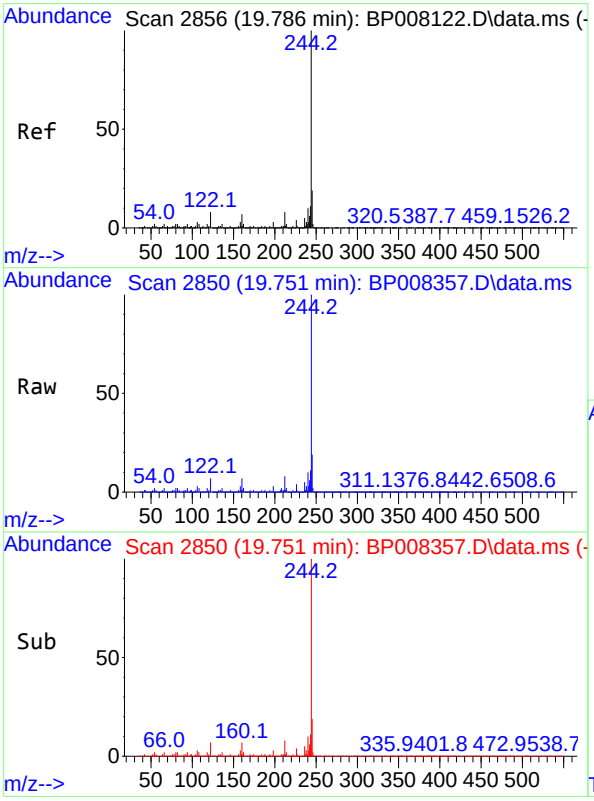
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Instrument :
BNA_P
ClientSampleId :
TP-1S

Tgt Ion:240 Resp: 342553

Ion	Ratio	Lower	Upper
240	100		
120	7.6	7.3	10.9
236	26.8	21.4	32.2

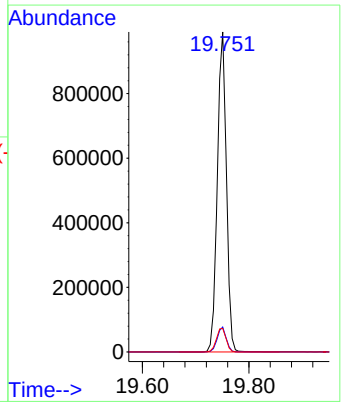


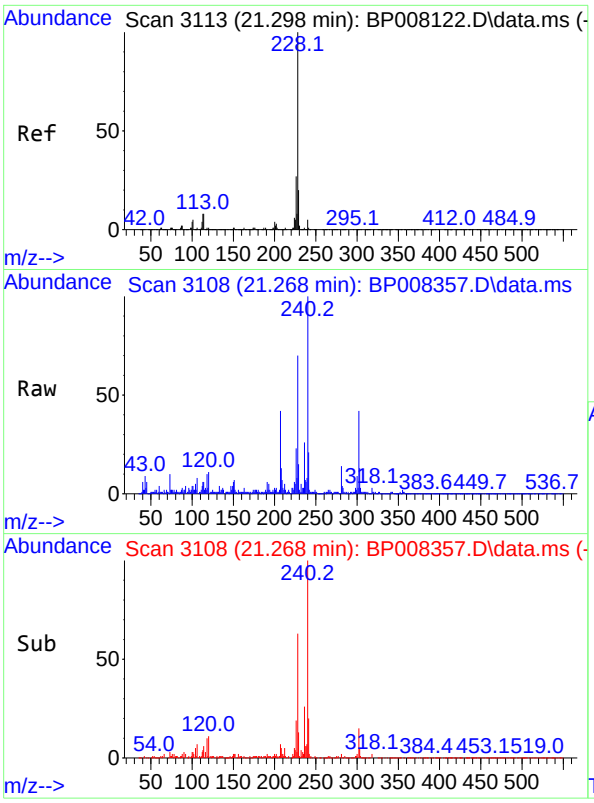


#79
Terphenyl-d14
Concen: 71.310 ng
RT: 19.751 min Scan# 2850
Delta R.T. -0.006 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Tgt Ion:244 Resp: 1168820

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	7.4	6.6	9.8



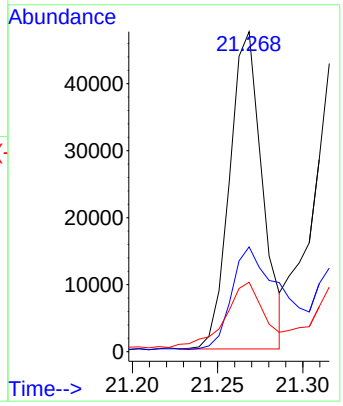


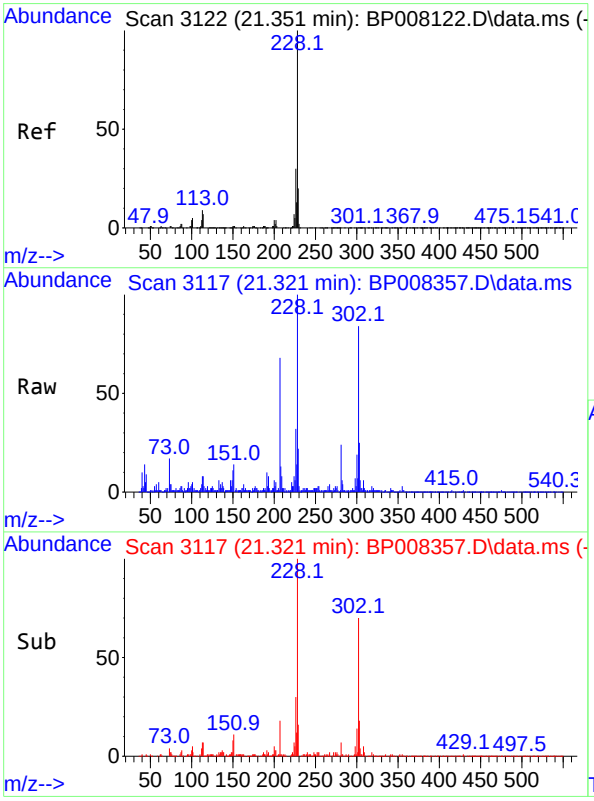
#81
Benzo(a)anthracene
Concen: 2.789 ng
RT: 21.268 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Instrument :
BNA_P
ClientSampleId :
TP-1S

Tgt Ion:228 Resp: 63323

Ion	Ratio	Lower	Upper
228	100		
226	32.7	21.9	32.9
229	21.7	15.9	23.9

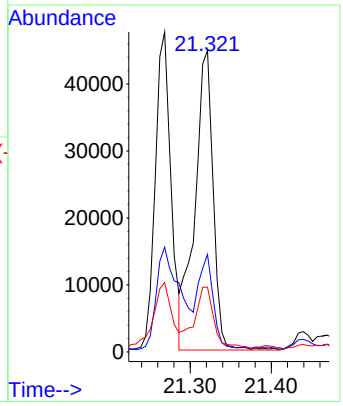


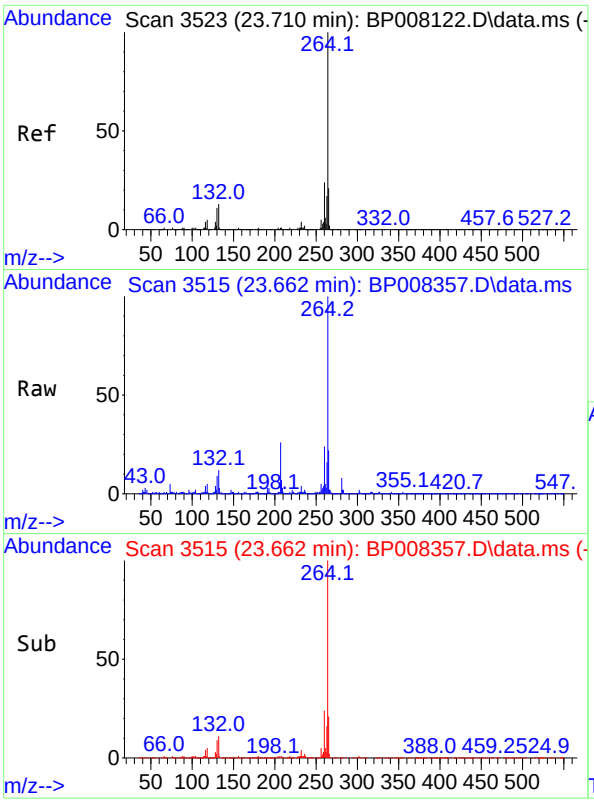


#83
Chrysene
Concen: 3.264 ng
RT: 21.321 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Tgt Ion:228 Resp: 70519

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.0	36.0
229	21.5	15.8	23.8



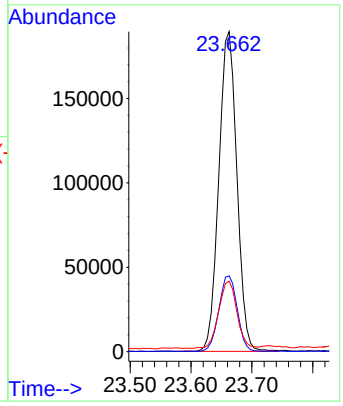


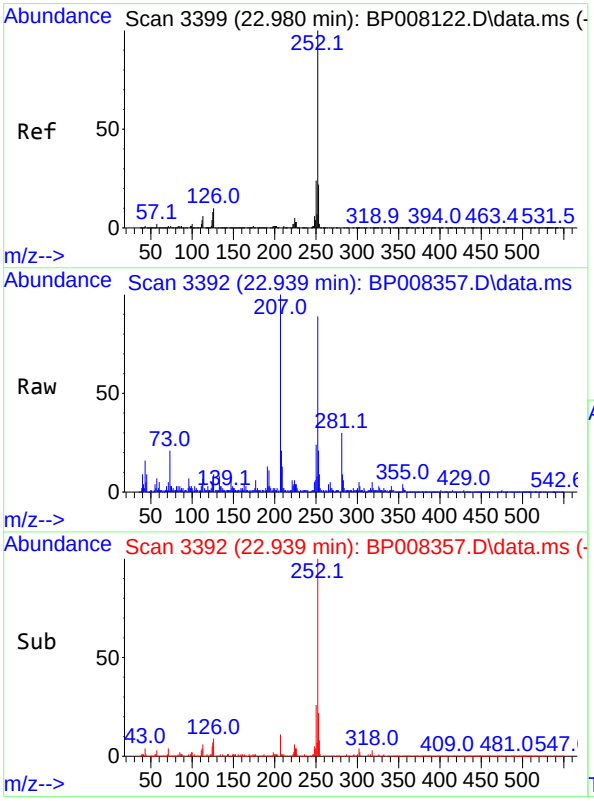
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.662 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Instrument :
BNA_P
ClientSampleId :
TP-1S

Tgt Ion:264 Resp: 390191

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.0	17.6	26.4

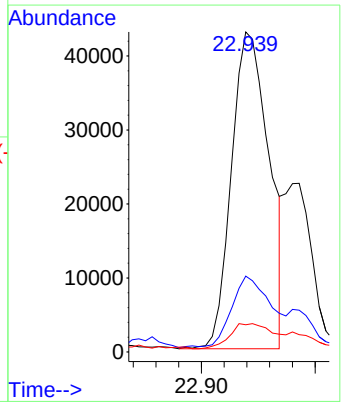


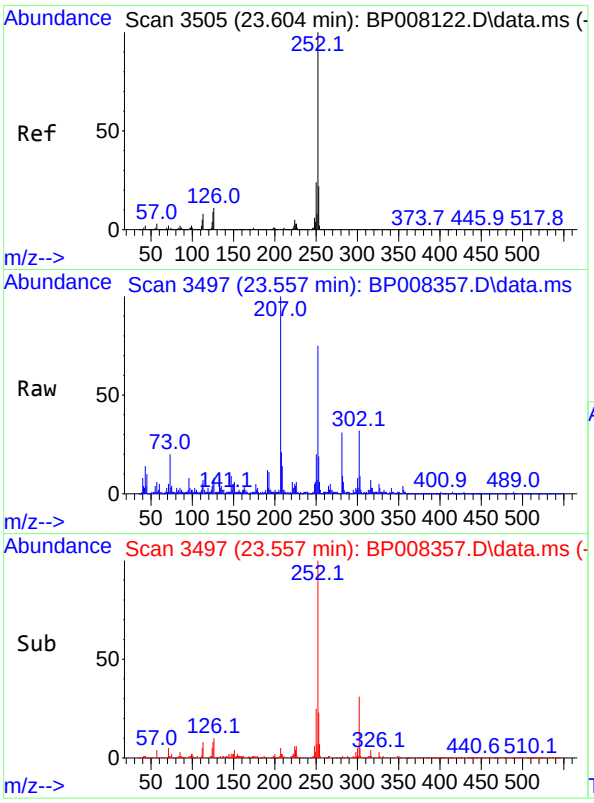


#88
Benzo(b)fluoranthene
Concen: 4.195 ng
RT: 22.939 min Scan# 3392
Delta R.T. -0.006 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Tgt Ion:252 Resp: 98683

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.7	26.5
125	8.5	6.2	9.4



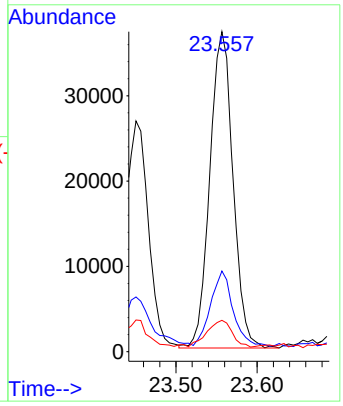


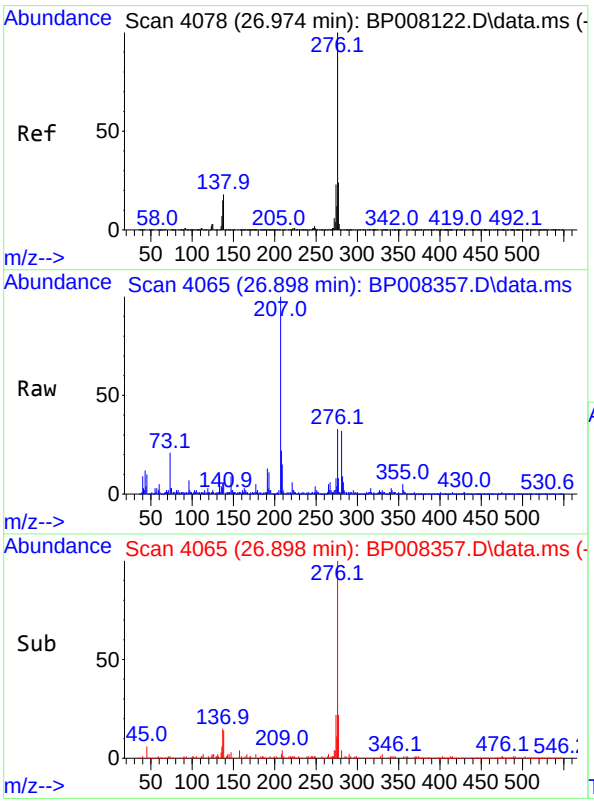
#90
Benzo(a)pyrene
Concen: 3.659 ng
RT: 23.557 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Instrument :
BNA_P
ClientSampleId :
TP-1S

Tgt Ion:252 Resp: 73559

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.6	26.4
125	9.8	7.4	11.0





#92
Benzo(g,h,i)perylene
Concen: 2.208 ng
RT: 26.898 min Scan# 4065
Delta R.T. -0.024 min
Lab File: BP008357.D
Acq: 11 Dec 2021 00:30

Tgt Ion:276 Resp: 52520

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.0	30.0
138	17.0	14.1	21.1