Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121621\
Data File : BP008460.D
Acq On : 16 Dec 2021 19:22
Operator : CG/JU
Sample : M4873-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A2-8-6.5

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/20/2021

Quant Time: Dec 17 03:23:35 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 17:59:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.740	152	52838	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	202549	20.000	ng	#	0.00
39) Acenaphthene-d10	14.398	164	149275	20.000	ng		0.00
64) Phenanthrene-d10	17.163	188	280655	20.000	ng		0.00
76) Chrysene-d12	21.263	240	322031	20.000	ng		0.00
86) Perylene-d12	23.633	264	352847	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	276531	82.650	ng		0.00
7) Phenol-d6	6.940	99	377059	83.910	ng		0.00
23) Nitrobenzene-d5	8.910	82	300726	62.899	ng		0.00
42) 2,4,6-Tribromophenol	15.904	330	134790	61.444	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	574616	48.933	ng		0.00
79) Terphenyl-d14	19.727	244	998760	53.977	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.599	128	4096010	385.626	ng		97
37) 2-Methylnaphthalene	12.222	142	4016932	548.704	ng		98
38) 1-Methylnaphthalene	12.434	142	1980165	277.830	ng		100
46) 1,1'-Biphenyl	13.222	154	313842	27.212	ng		97
52) Acenaphthene	14.463	154	76315	9.488	ng	#	85
55) Dibenzofuran	14.798	168	144311	10.546	ng	#	10
58) Fluorene	15.451	166	229746m	21.658	ng		
71) Phenanthrene	17.204	178	642992	42.294	ng		96
78) Pyrene	19.533	202	86993	3.776	ng	#	91

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

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Data File : BP008460.D
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Sample : M4873-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

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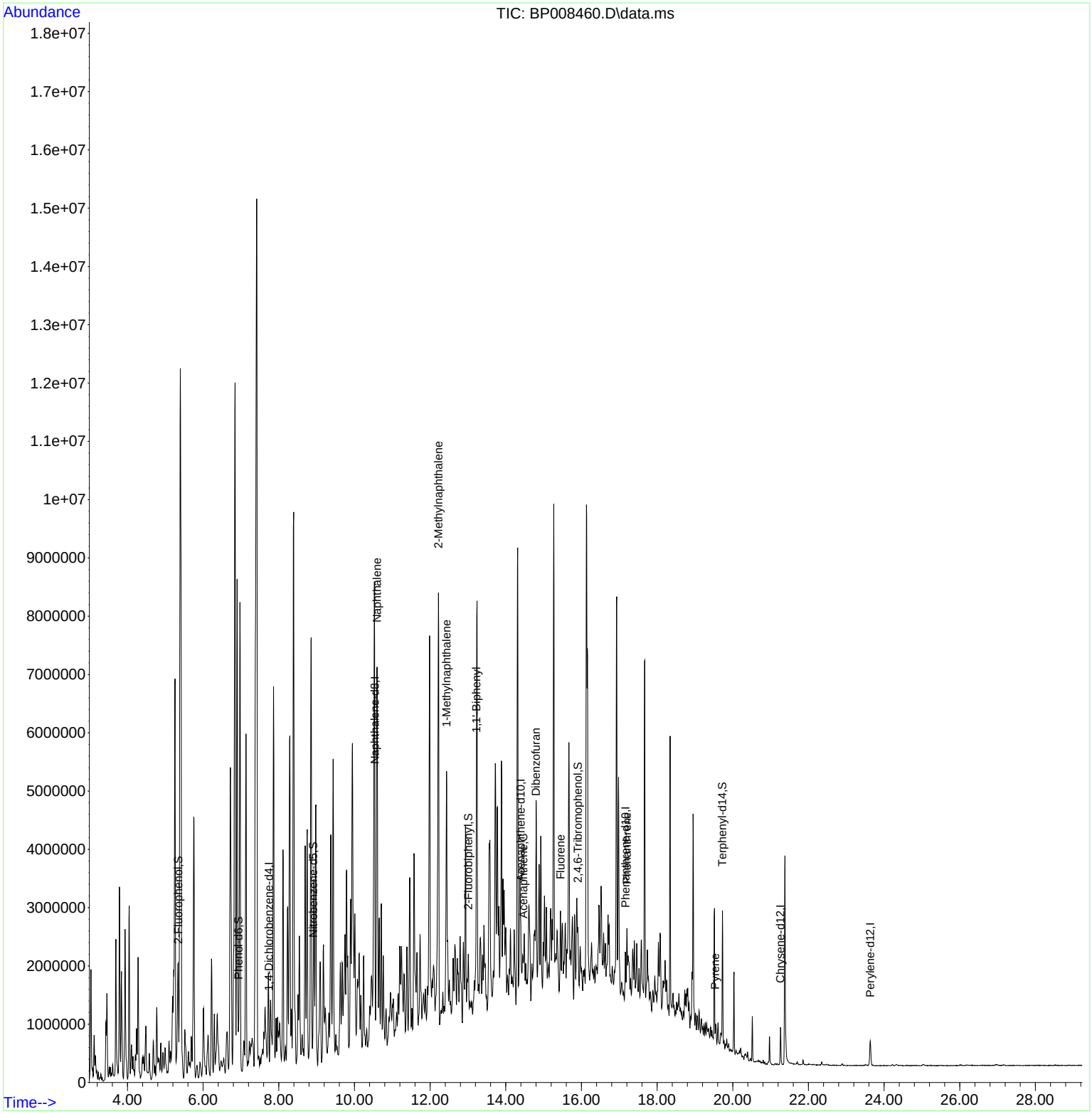
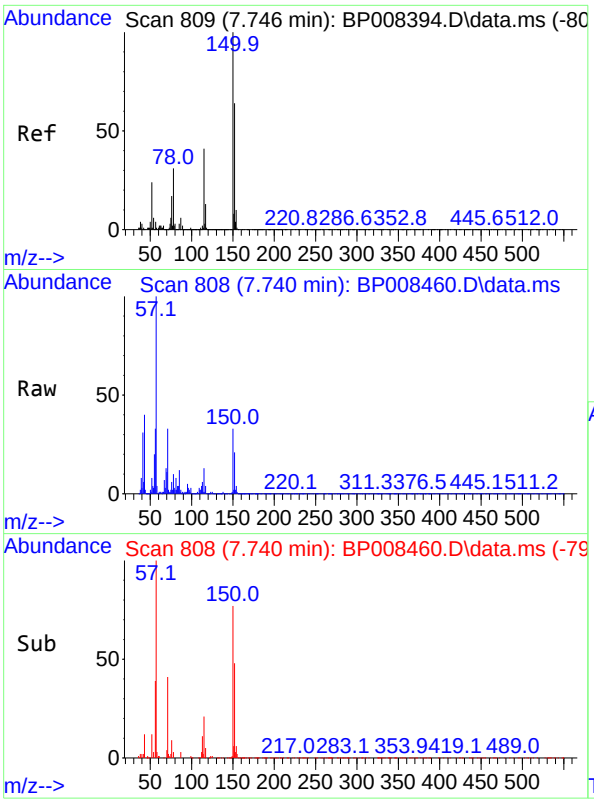
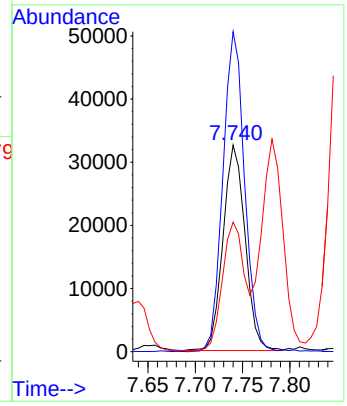




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP008460.D
Acq: 16 Dec 2021 19:22

Tgt Ion:152 Resp: 5283

Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.7	188.5
115	62.7	50.7	76.1



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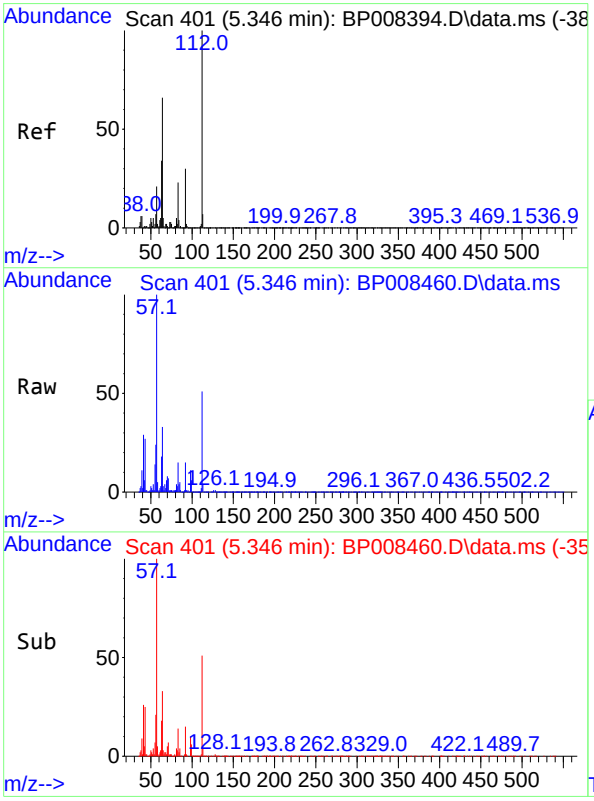
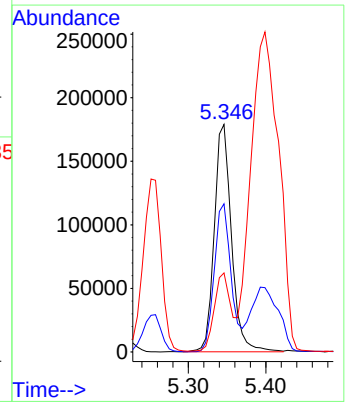
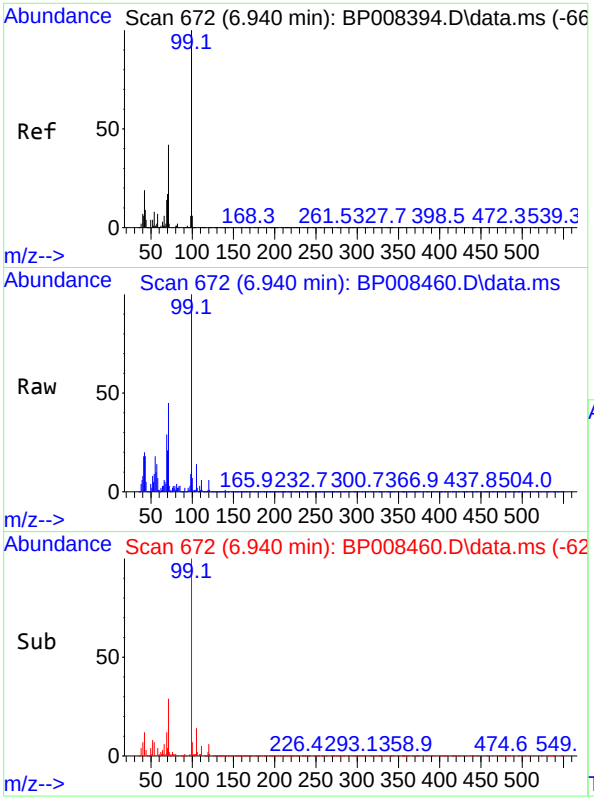


#5
2-Fluorophenol
Concen: 82.650 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP008460.D
Acq: 16 Dec 2021 19:22

Tgt Ion:112 Resp: 276531

Ion	Ratio	Lower	Upper
112	100		
64	65.1	53.4	80.2
63	34.7	27.8	41.8

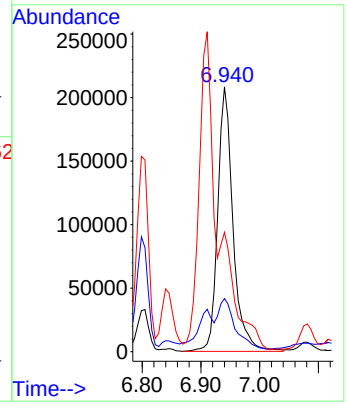




#7
Phenol-d6
Concen: 83.910 ng
RT: 6.940 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP008460.D
Acq: 16 Dec 2021 19:22

Tgt Ion: 99 Resp: 37705

Ion	Ratio	Lower	Upper
99	100		
42	20.1	14.6	22.0
71	45.0	31.1	46.7



Instrument :
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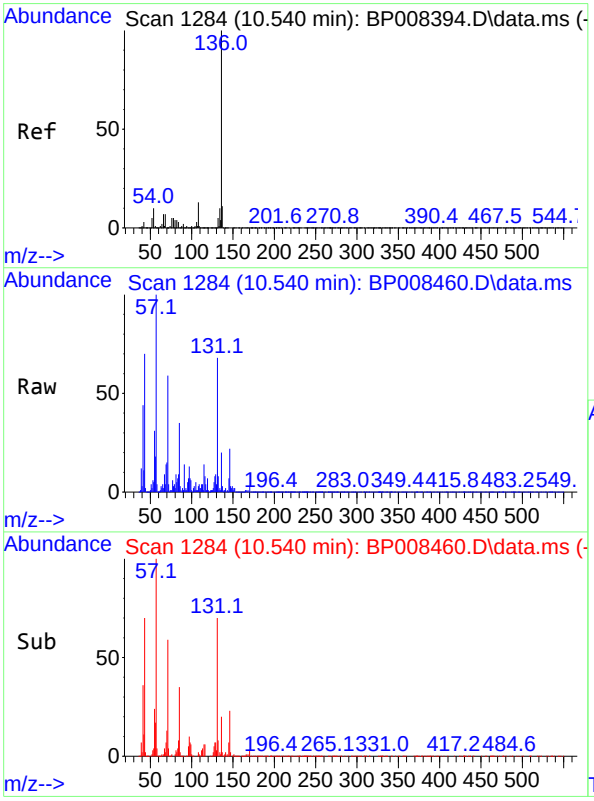
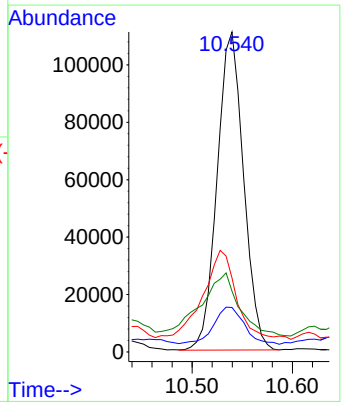
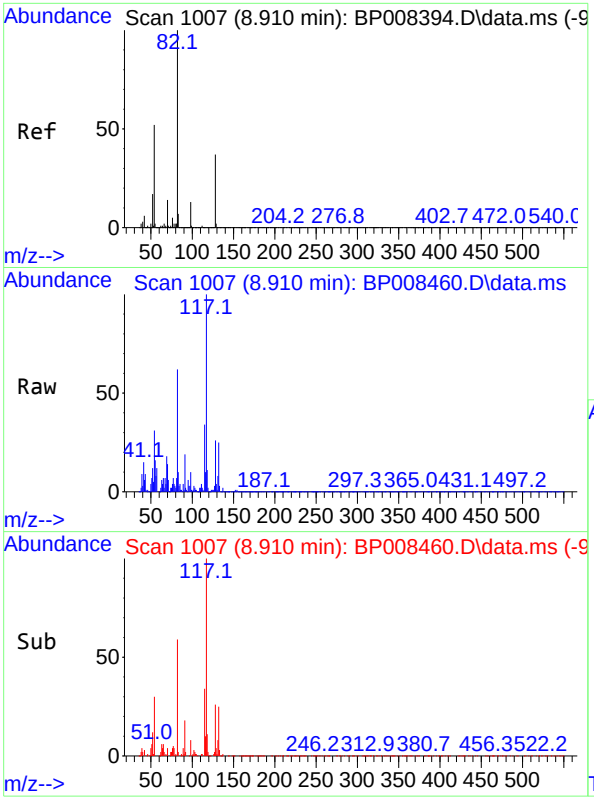


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008460.D
Acq: 16 Dec 2021 19:22

Tgt Ion:136 Resp: 202549

Ion	Ratio	Lower	Upper
136	100		
137	13.9	9.0	13.6#
54	23.2	8.2	12.4#
68	19.0	5.8	8.8#





#23
Nitrobenzene-d5
Concen: 62.899 ng
RT: 8.910 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP008460.D
Acq: 16 Dec 2021 19:22

Tgt Ion: 82 Resp: 30072

Ion	Ratio	Lower	Upper
82	100		
128	42.2	29.6	44.4
54	50.8	42.7	64.1

Instrument :
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ClientSampleId :
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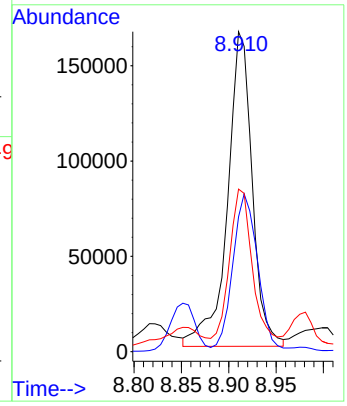
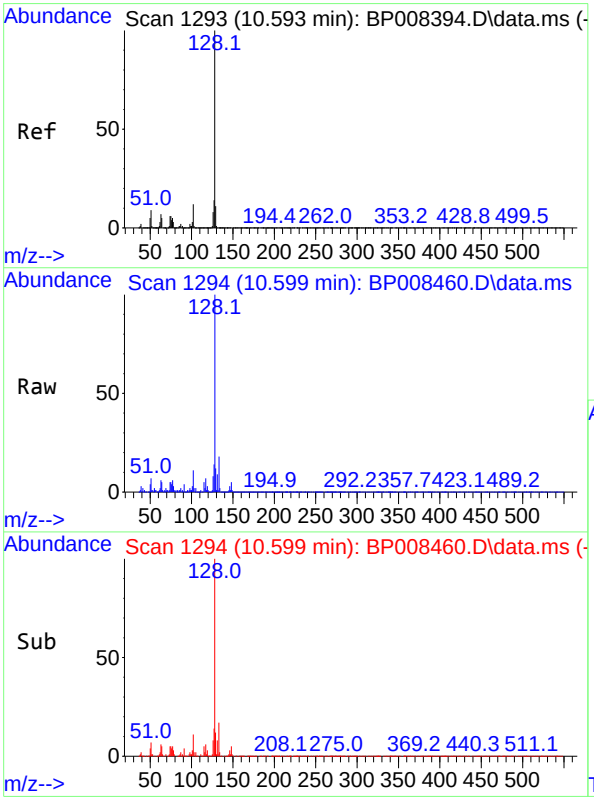
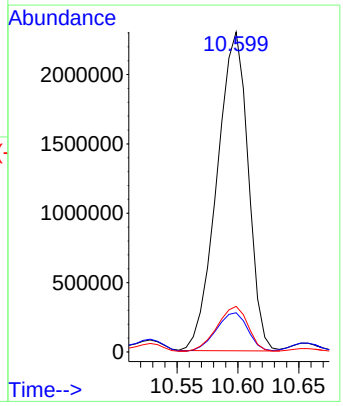


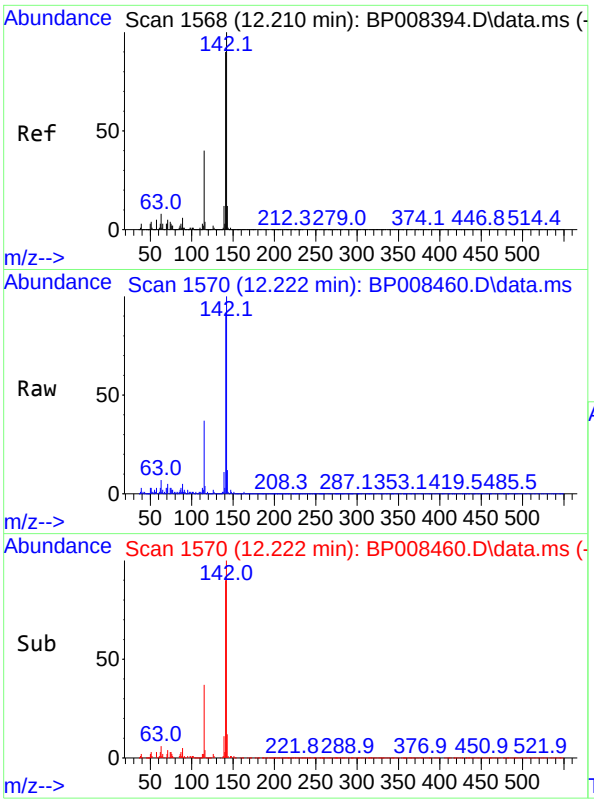


#31
Naphthalene
Concen: 385.626 ng
RT: 10.599 min Scan# 1294
Delta R.T. 0.006 min
Lab File: BP008460.D
Acq: 16 Dec 2021 19:22

Tgt Ion:128 Resp: 4096010

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.5	12.7
127	14.2	10.9	16.3

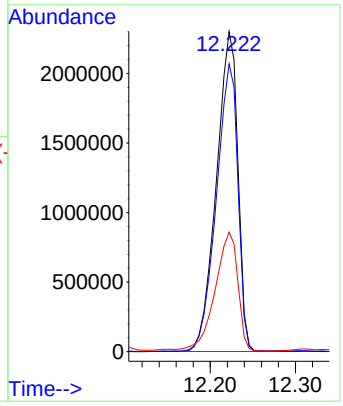




#37
2-Methylnaphthalene
Concen: 548.704 ng
RT: 12.222 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP008460.D
Acq: 16 Dec 2021 19:22

Tgt Ion:142 Resp: 401693

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.7	106.1
115	37.3	30.9	46.3



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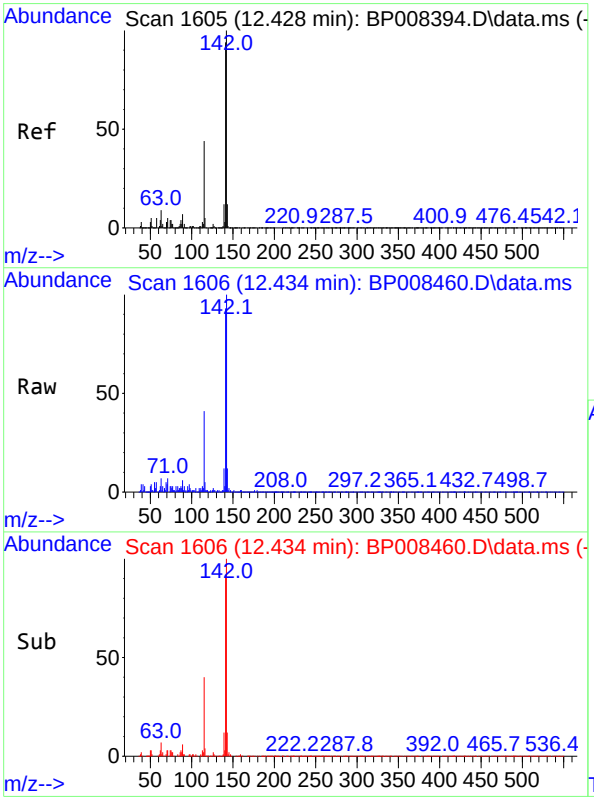
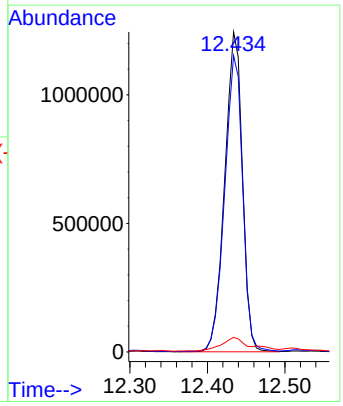
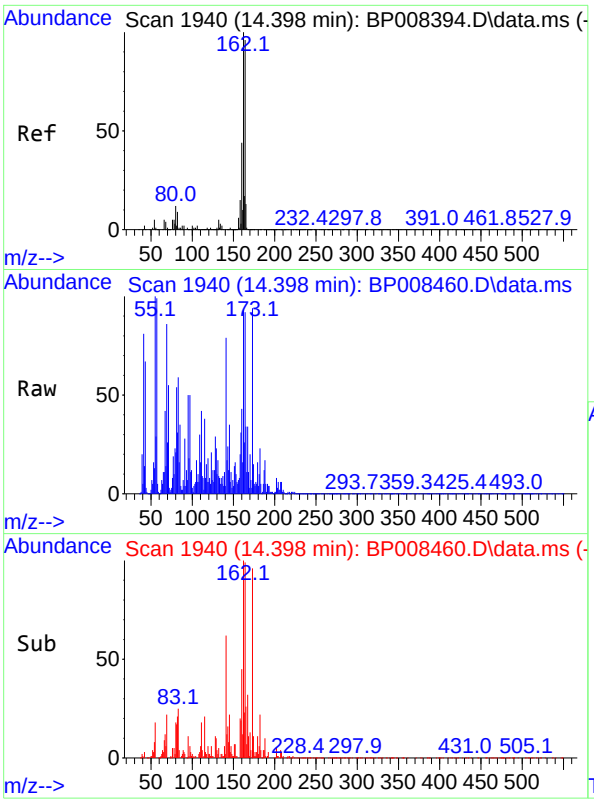


#38
1-Methylnaphthalene
Concen: 277.830 ng
RT: 12.434 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BP008460.D
Acq: 16 Dec 2021 19:22

Tgt Ion:142 Resp: 1980165

Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.2	111.4
116	4.5	3.4	5.2

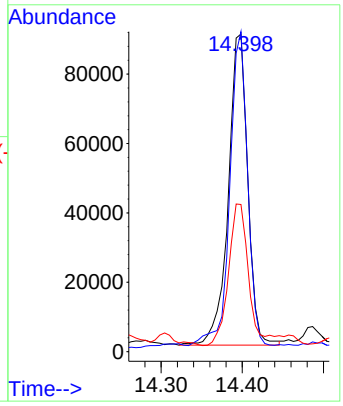




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP008460.D
Acq: 16 Dec 2021 19:22

Tgt Ion:164 Resp: 14927

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.9	122.9
160	46.4	35.4	53.0



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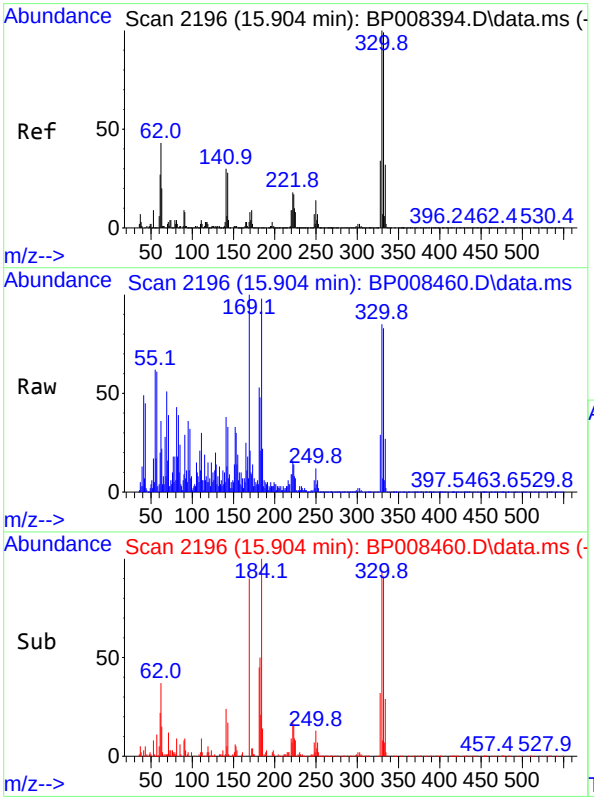
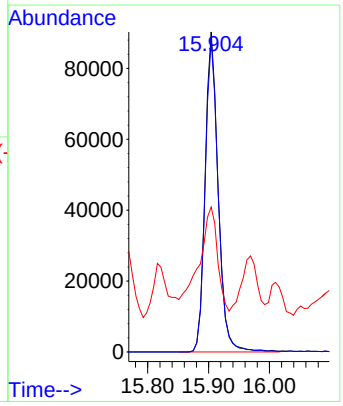
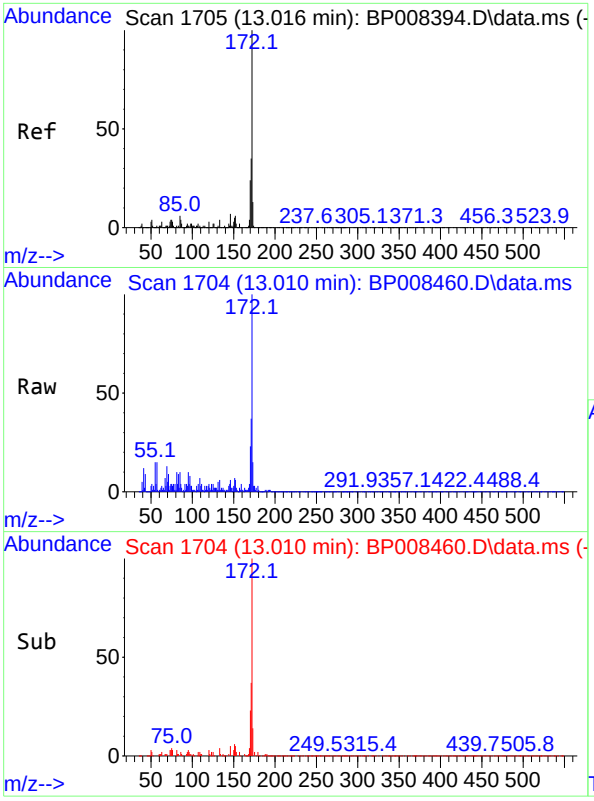


#42
2,4,6-Tribromophenol
Concen: 61.444 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP008460.D
Acq: 16 Dec 2021 19:22

Tgt Ion:330 Resp: 134790

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.4
141	45.8	28.4	42.6#

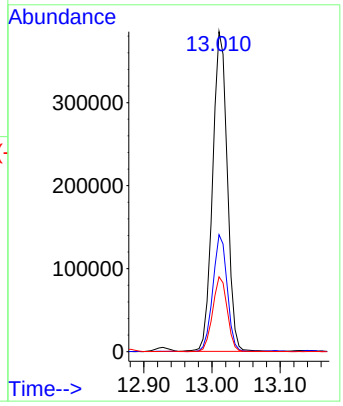




#45
2-Fluorobiphenyl
Concen: 48.933 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008460.D
Acq: 16 Dec 2021 19:22

Tgt Ion:172 Resp: 57461

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.0	42.0
170	23.4	18.9	28.3



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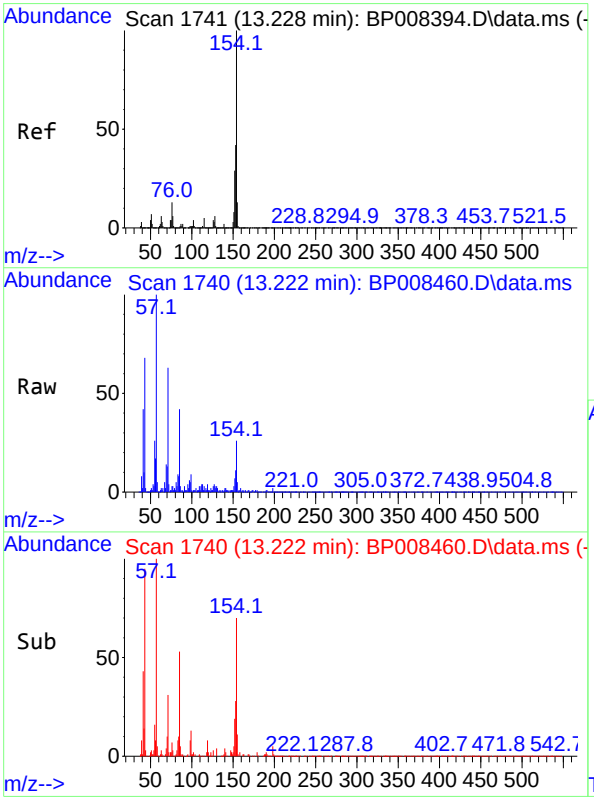
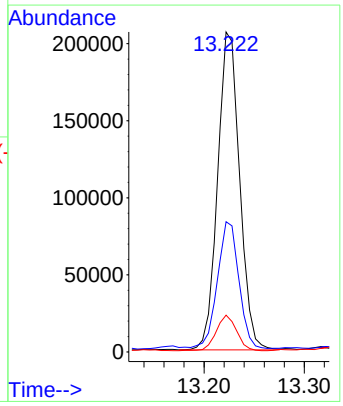
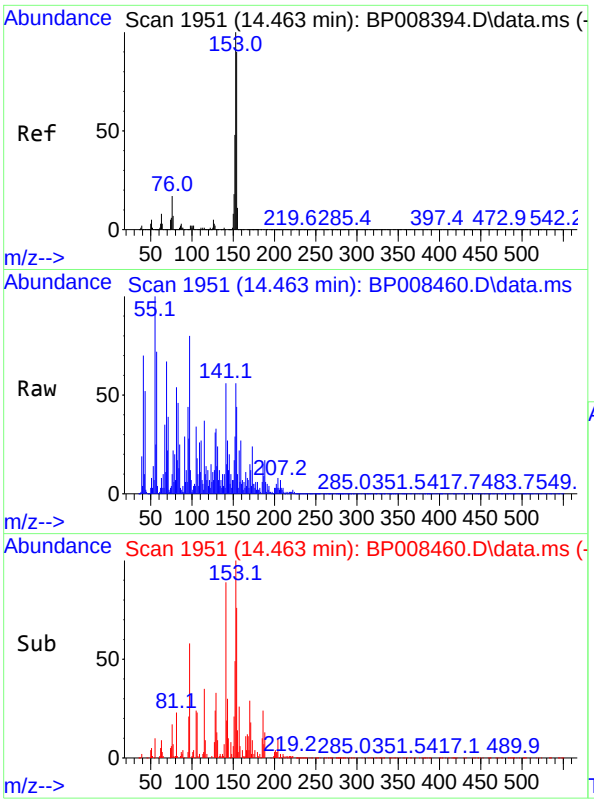


#46
1,1'-Biphenyl
Concen: 27.212 ng
RT: 13.222 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BP008460.D
Acq: 16 Dec 2021 19:22

Tgt Ion:154 Resp: 313842

Ion	Ratio	Lower	Upper
154	100		
153	40.7	19.7	59.7
76	11.5	0.0	33.7

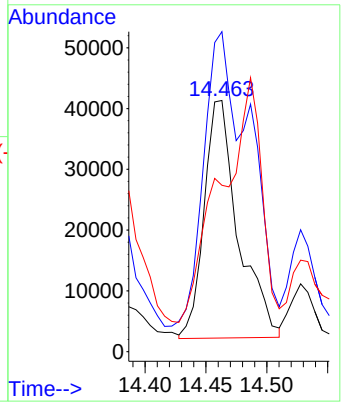




#52
Acenaphthene
Concen: 9.488 ng
RT: 14.463 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP008460.D
Acq: 16 Dec 2021 19:22

Tgt Ion:154 Resp: 7631

Ion	Ratio	Lower	Upper
154	100		
153	127.4	90.3	135.5
152	66.3	43.3	64.9#



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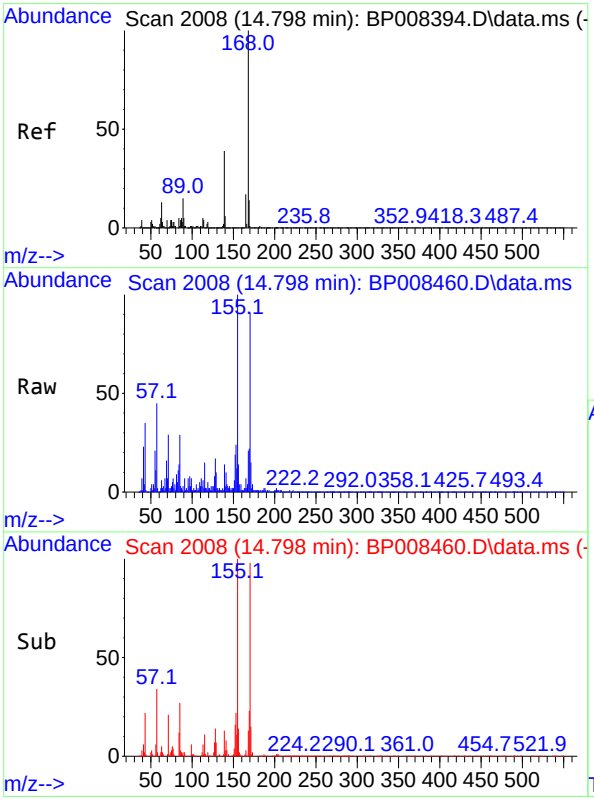
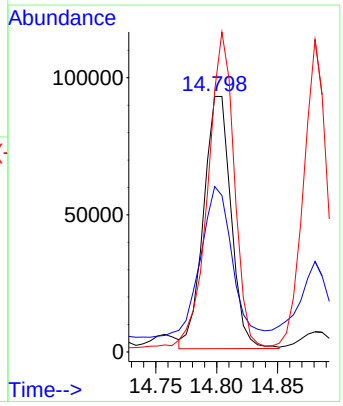
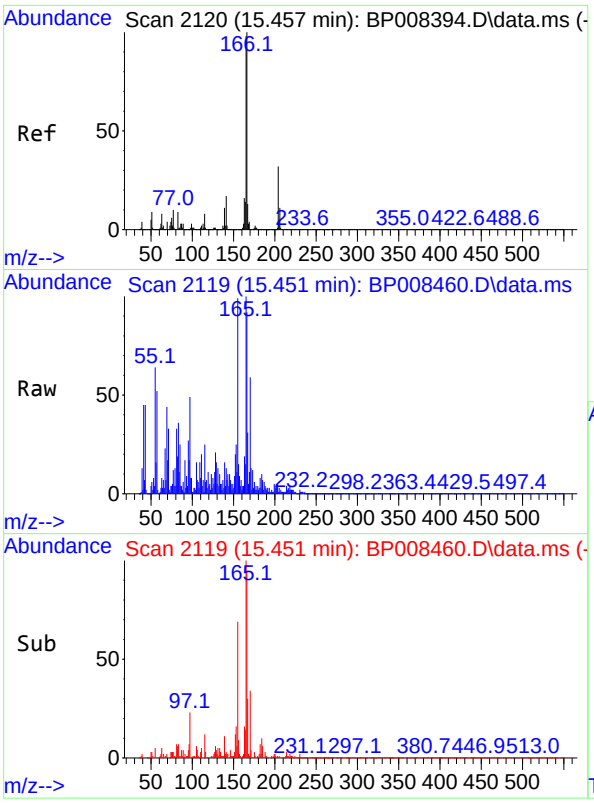


#55
Dibenzofuran
Concen: 10.546 ng
RT: 14.798 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BP008460.D
Acq: 16 Dec 2021 19:22

Tgt Ion:168 Resp: 144311

Ion	Ratio	Lower	Upper
168	100		
139	64.7	30.6	46.0#
169	102.4	11.0	16.4#

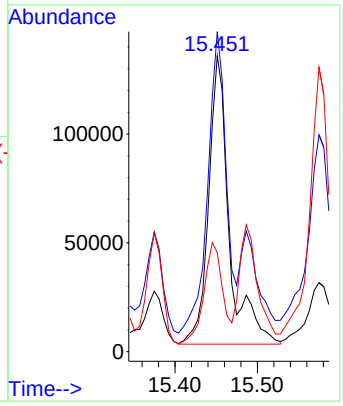




#58
Fluorene
Concen: 21.658 ng m
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008460.D
Acq: 16 Dec 2021 19:22

Tgt Ion:166 Resp: 22974

Ion	Ratio	Lower	Upper
166	100		
165	108.2	79.4	119.2
167	33.4	10.9	16.3



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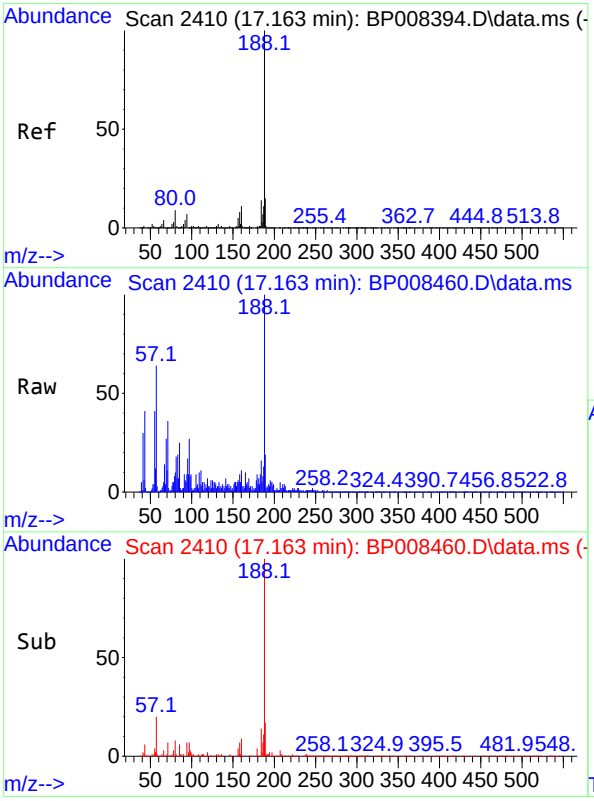
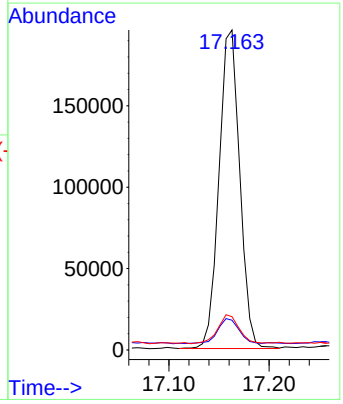
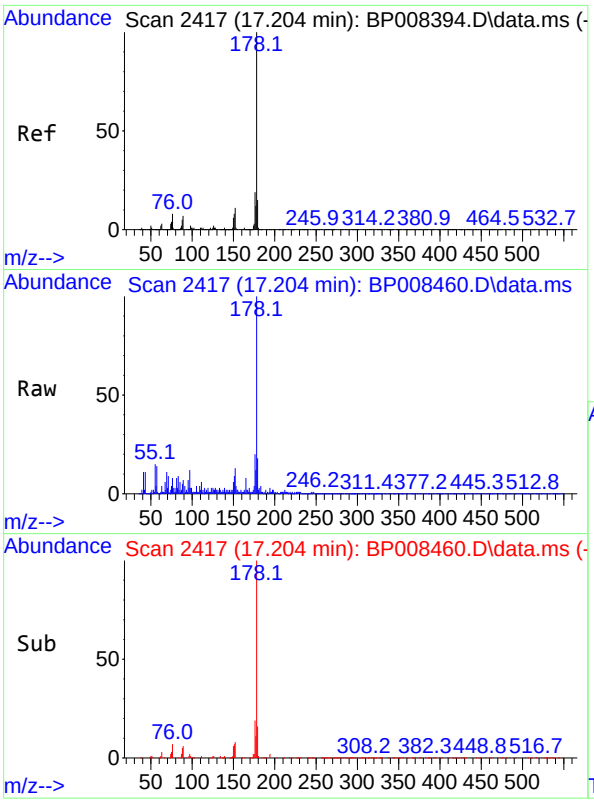


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BP008460.D
Acq: 16 Dec 2021 19:22

Tgt Ion:188 Resp: 280655

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.4	8.2	12.4





#71
Phenanthrene
Concen: 42.294 ng
RT: 17.204 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP008460.D
Acq: 16 Dec 2021 19:22

Tgt Ion:178 Resp: 64299

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.3	22.9
179	18.2	12.5	18.7

Instrument :
BNA_P
ClientSampleId :
A2-8-6.5

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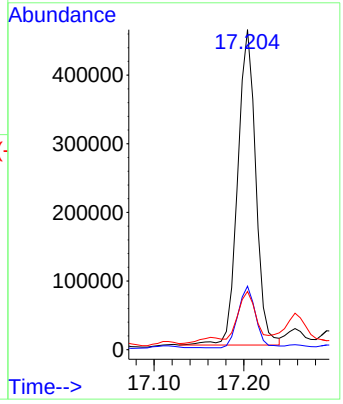
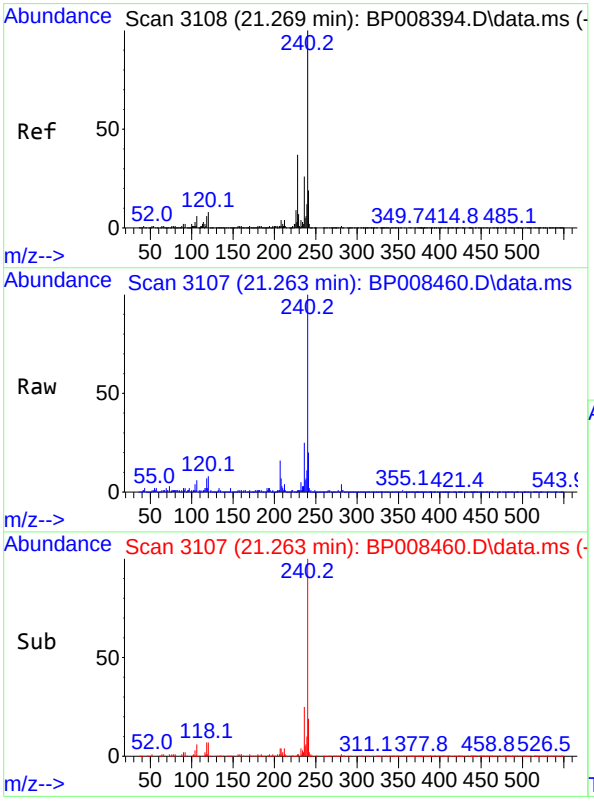
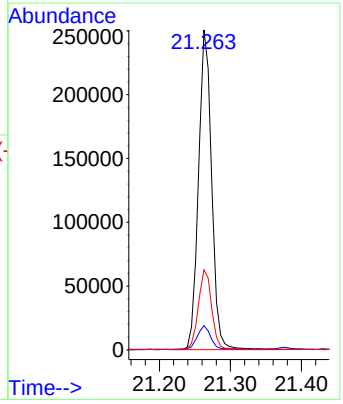


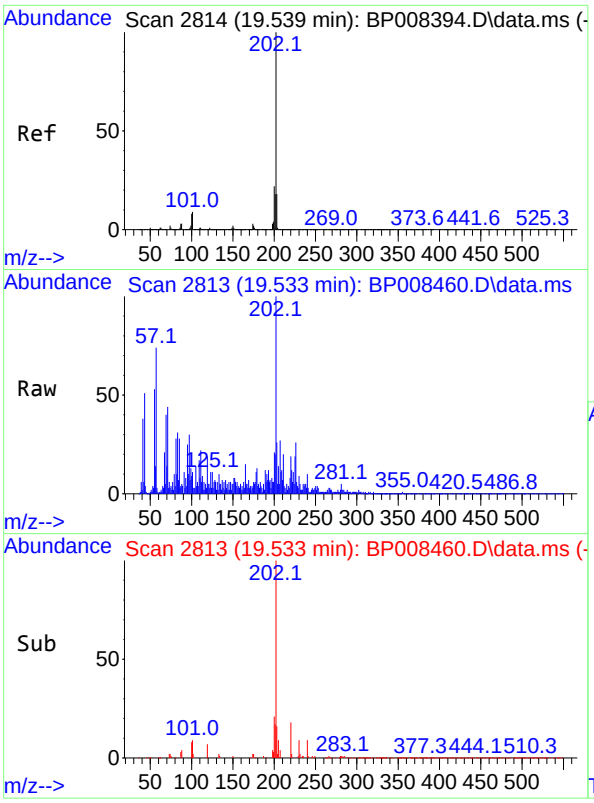


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP008460.D
Acq: 16 Dec 2021 19:22

Tgt Ion:240 Resp: 322031

Ion	Ratio	Lower	Upper
240	100		
120	7.6	7.3	10.9
236	25.1	21.4	32.2

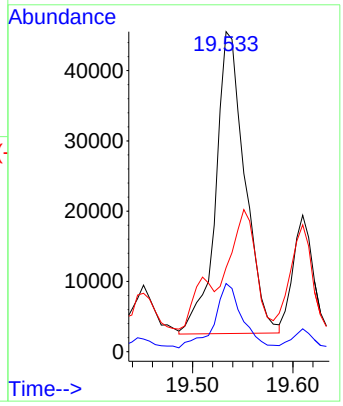




#78
Pyrene
Concen: 3.776 ng
RT: 19.533 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP008460.D
Acq: 16 Dec 2021 19:22

Tgt Ion:202 Resp: 8699

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	26.2	14.2	21.2



Instrument :
BNA_P
ClientSampleId :
A2-8-6.5

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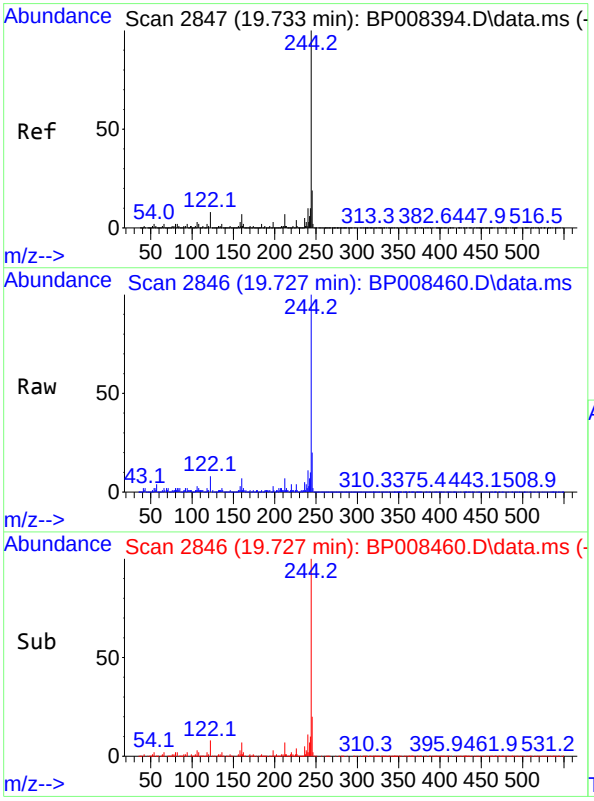
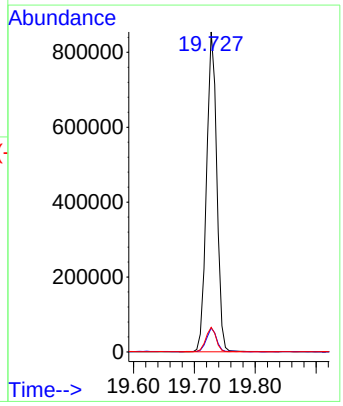
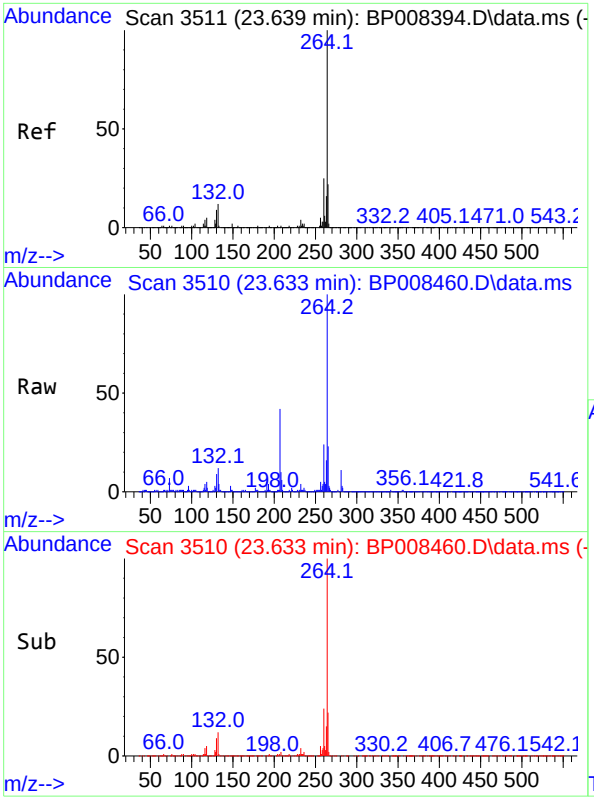


#79
Terphenyl-d14
Concen: 53.977 ng
RT: 19.727 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP008460.D
Acq: 16 Dec 2021 19:22

Tgt Ion:244 Resp: 998760

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	7.7	6.6	9.8

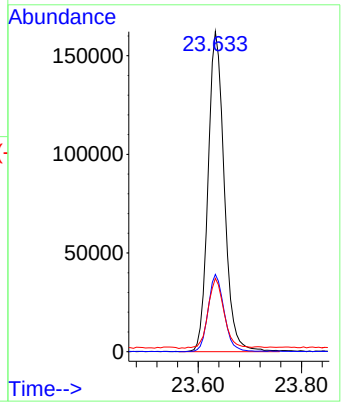




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.633 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP008460.D
Acq: 16 Dec 2021 19:22

Tgt Ion:264 Resp: 35284

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.9	17.6	26.4



Instrument :
BNA_P
ClientSampleId :
A2-8-6.5

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