Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093021\
Data File : BP007267.D
Acq On : 30 Sep 2021 12:57
Operator : CG/JU
Sample : M3964-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CC-11

Quant Time: Sep 30 13:29:05 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 29 14:45:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	204433	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	884137	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	504685	20.000	ng	0.00
64) Phenanthrene-d10	17.263	188	1036714	20.000	ng	0.00
76) Chrysene-d12	21.345	240	926054	20.000	ng	0.00
86) Perylene-d12	23.757	264	860821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	1509085	123.567	ng	0.00
7) Phenol-d6	7.063	99	1439840	86.261	ng	0.01
23) Nitrobenzene-d5	9.040	82	883920	58.222	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	759515	116.081	ng	0.00
45) 2-Fluorobiphenyl	13.134	172	2258266	64.104	ng	0.00
79) Terphenyl-d14	19.816	244	3405446	70.468	ng	0.00
Target Compounds						Qvalue
35) Caprolactam	11.634	113	24288	5.695	ng	# 67
56) 4-Nitrophenol	14.763	139	24022	3.691	ng	86
60) Diethylphthalate	15.328	149	198966	5.657	ng	98
74) Di-n-butylphthalate	18.216	149	4708259	79.729	ng	98
80) Butylbenzylphthalate	20.492	149	122546	5.036	ng	94
84) Bis(2-ethylhexyl)phtha...	21.251	149	287136	8.208	ng	98

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

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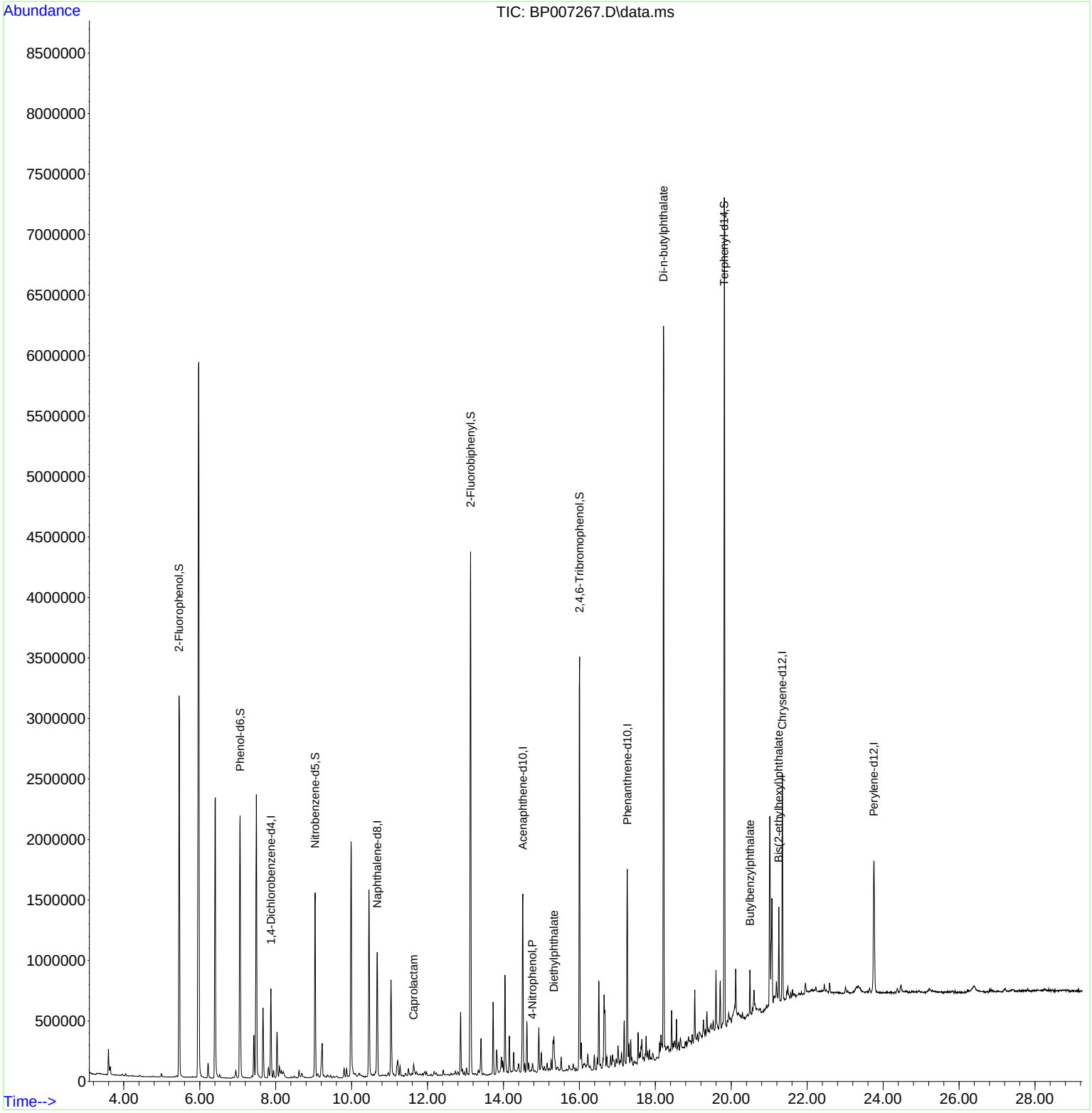

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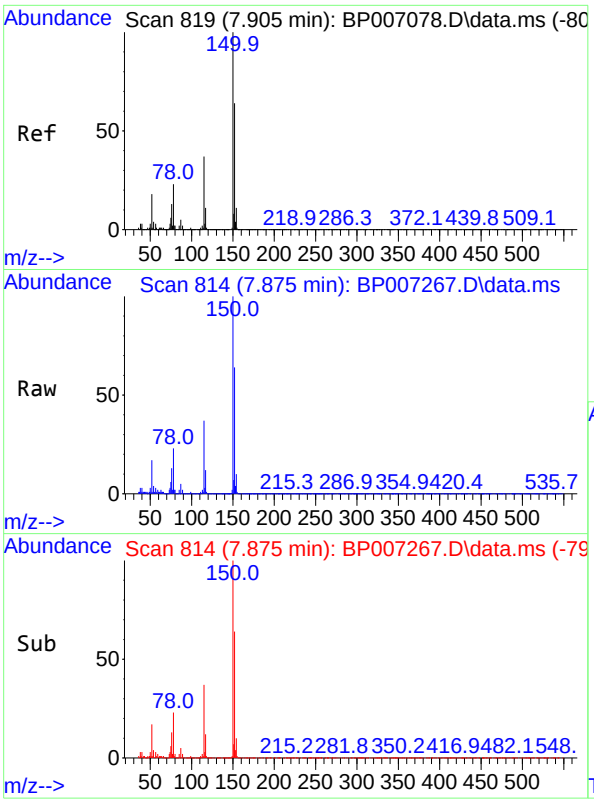
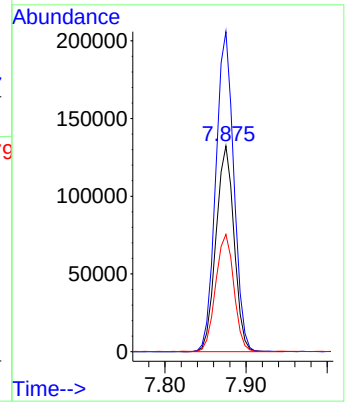
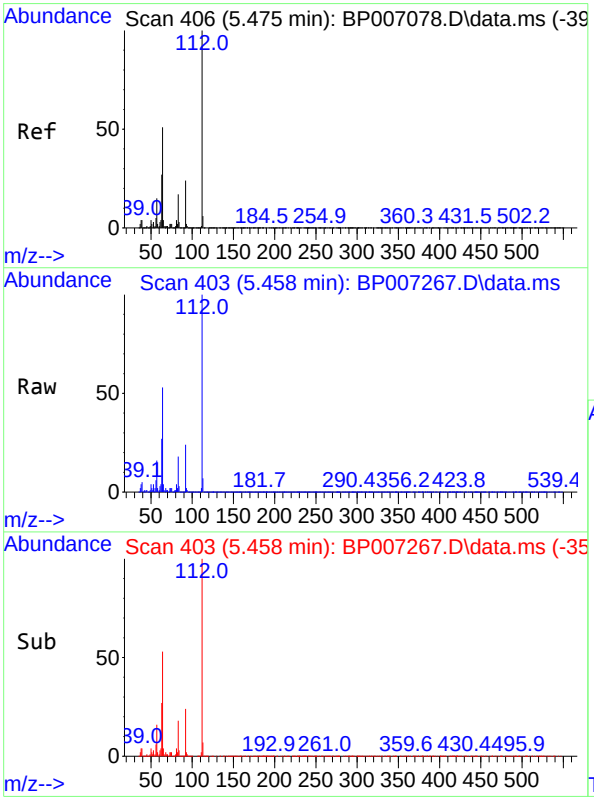


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BP007267.D
Acq: 30 Sep 2021 12:57

Tgt Ion:152 Resp: 204433

Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.6	188.4
115	57.0	48.5	72.7

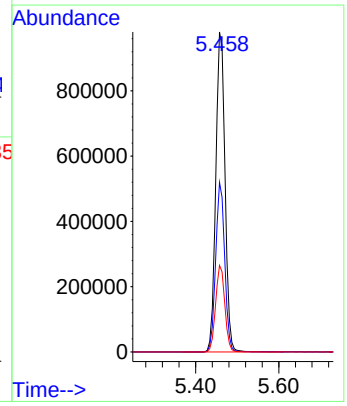




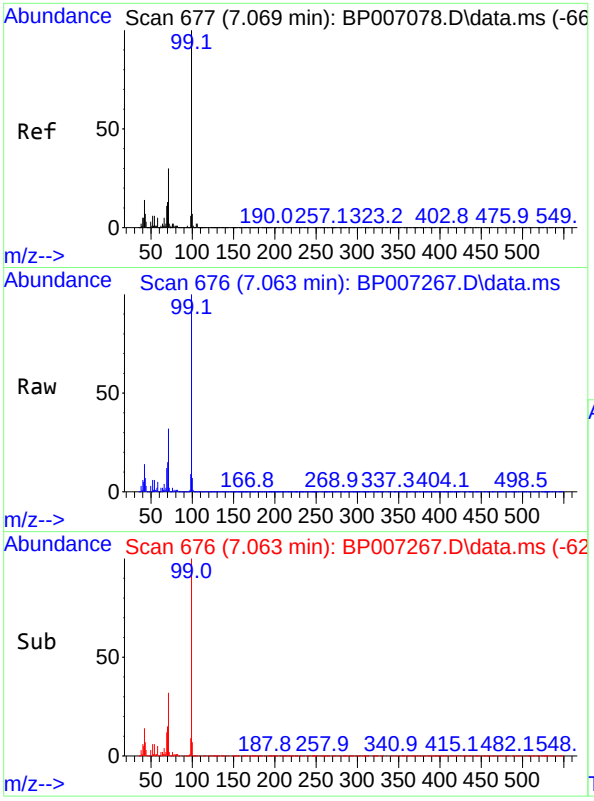
#5
2-Fluorophenol
Concen: 123.567 ng
RT: 5.458 min Scan# 403
Delta R.T. 0.006 min
Lab File: BP007267.D
Acq: 30 Sep 2021 12:57

Tgt Ion:112 Resp: 1509085

Ion	Ratio	Lower	Upper
112	100		
64	53.0	41.4	62.2
63	27.1	23.8	35.8



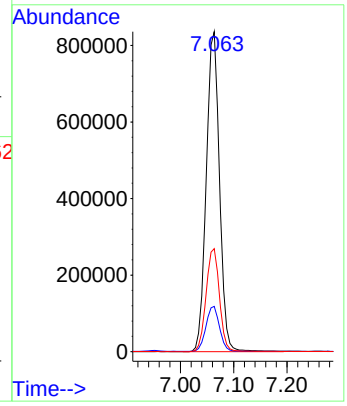
Instrument :
BNA_P
ClientSampleId :
CC-11

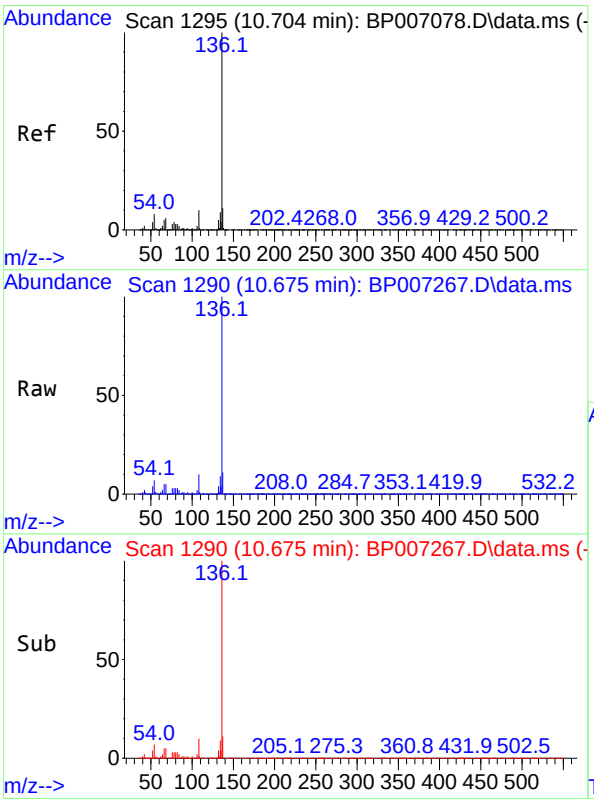


#7
Phenol-d6
Concen: 86.261 ng
RT: 7.063 min Scan# 676
Delta R.T. 0.012 min
Lab File: BP007267.D
Acq: 30 Sep 2021 12:57

Tgt Ion: 99 Resp: 1439840

Ion	Ratio	Lower	Upper
99	100		
42	14.2	13.4	20.0
71	32.2	30.6	46.0

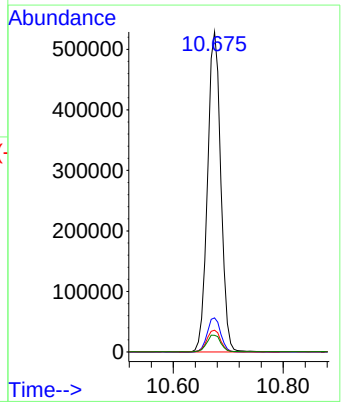




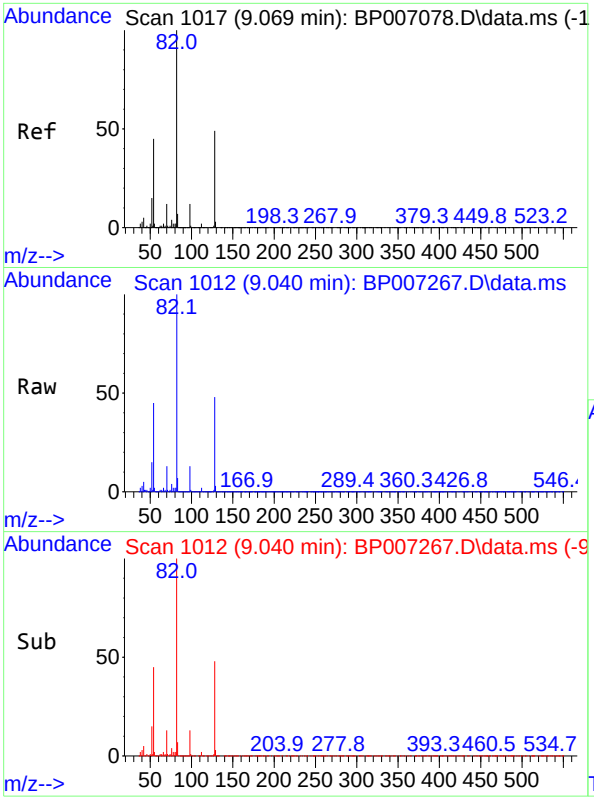
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.675 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BP007267.D
Acq: 30 Sep 2021 12:57

Tgt Ion:136 Resp: 884137

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	6.8	4.6	6.8
68	5.2	3.6	5.4



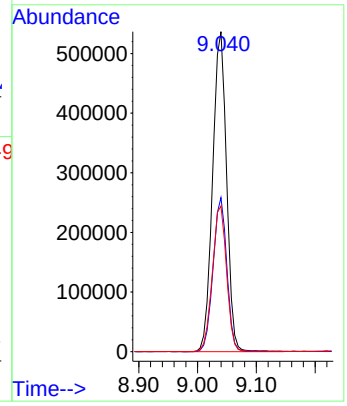
Instrument :
BNA_P
ClientSampleId :
CC-11

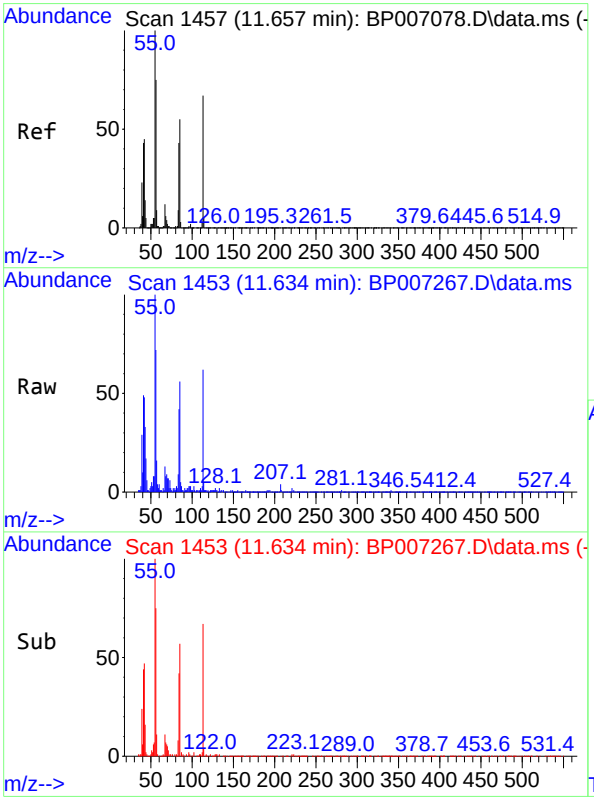


#23
Nitrobenzene-d5
Concen: 58.222 ng
RT: 9.040 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BP007267.D
Acq: 30 Sep 2021 12:57

Tgt Ion: 82 Resp: 883920

Ion	Ratio	Lower	Upper
82	100		
128	48.1	35.7	53.5
54	45.5	35.0	52.4

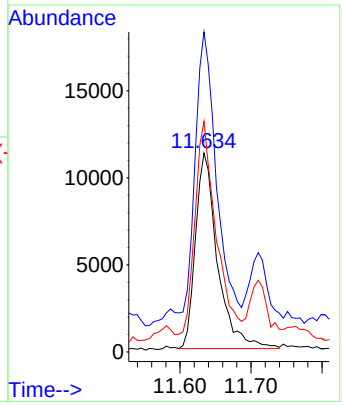




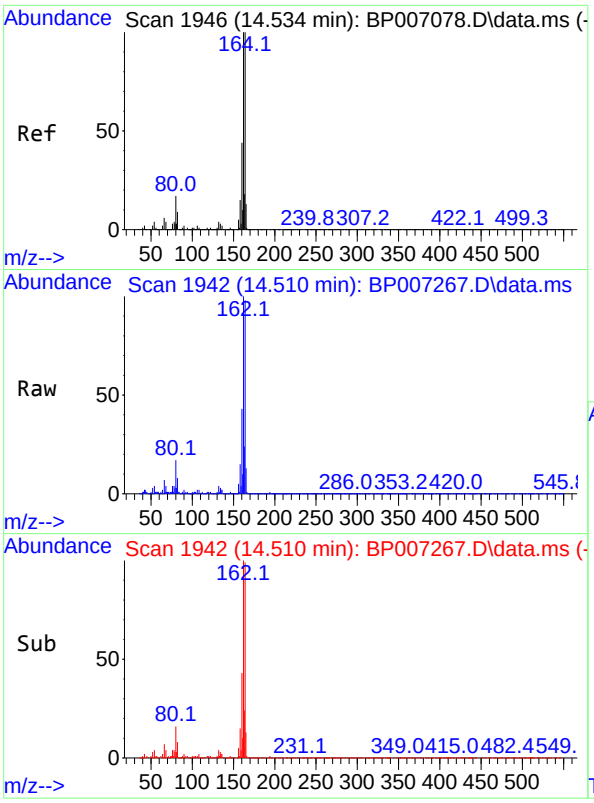
#35
Caprolactam
Concen: 5.695 ng
RT: 11.634 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BP007267.D
Acq: 30 Sep 2021 12:57

Tgt Ion:113 Resp: 24288

Ion	Ratio	Lower	Upper
113	100		
55	160.9	98.9	138.9#
56	115.9	71.7	111.7#



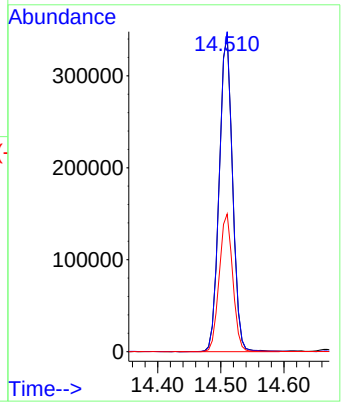
Instrument :
BNA_P
ClientSampleId :
CC-11

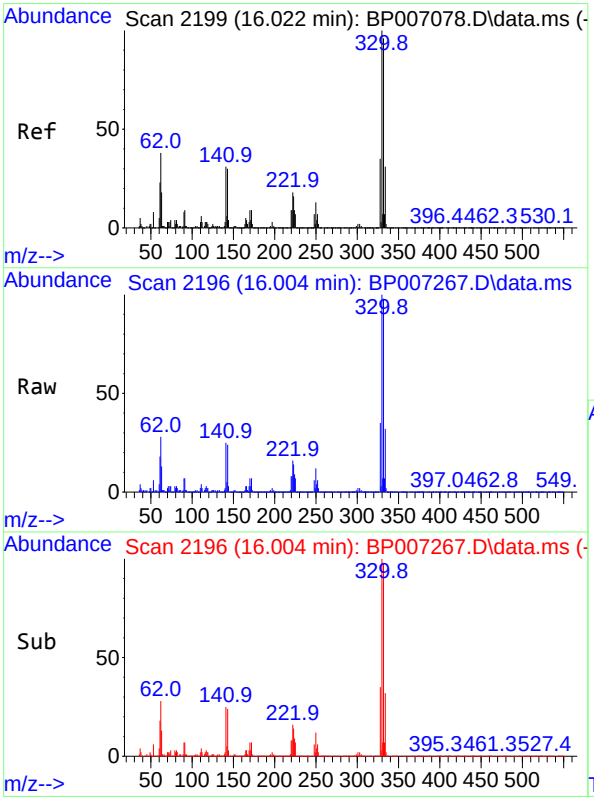


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BP007267.D
Acq: 30 Sep 2021 12:57

Tgt Ion:164 Resp: 504685

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.2	120.2
160	43.7	34.5	51.7

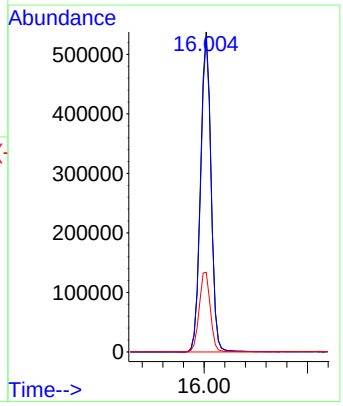




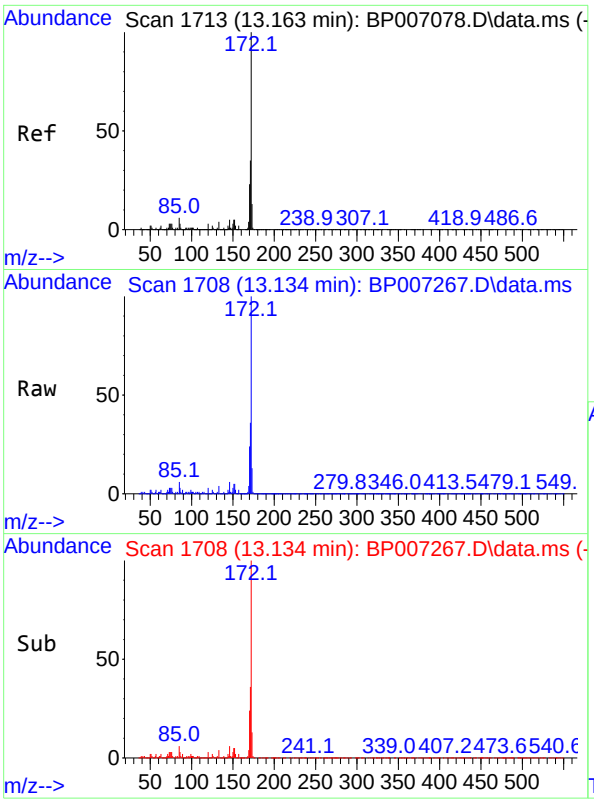
#42
2,4,6-Tribromophenol
Concen: 116.081 ng
RT: 16.004 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BP007267.D
Acq: 30 Sep 2021 12:57

Tgt Ion:330 Resp: 759515

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.8	116.8
141	26.1	25.4	38.2



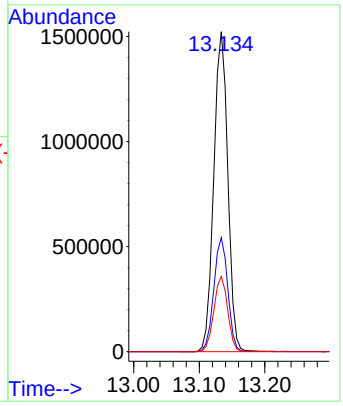
Instrument :
BNA_P
ClientSampleId :
CC-11

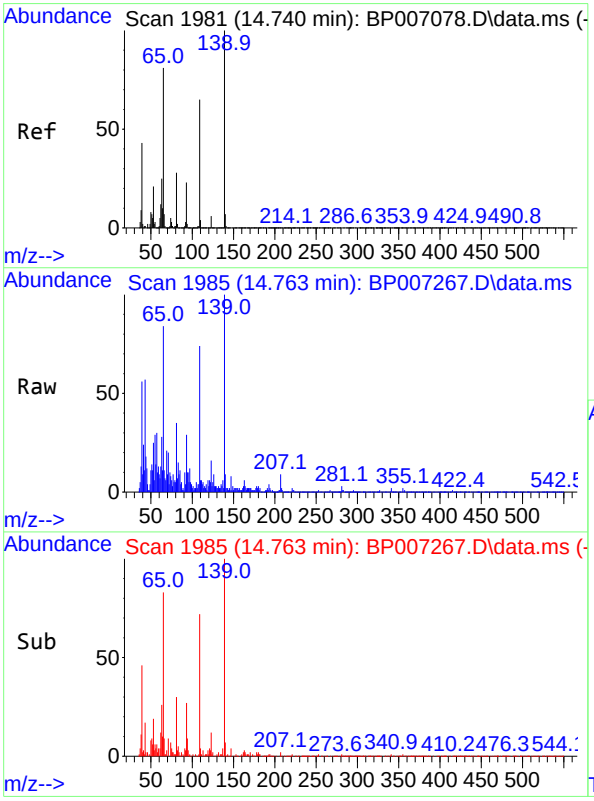


#45
2-Fluorobiphenyl
Concen: 64.104 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.000 min
Lab File: BP007267.D
Acq: 30 Sep 2021 12:57

Tgt Ion:172 Resp: 2258266

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	23.5	18.6	27.8

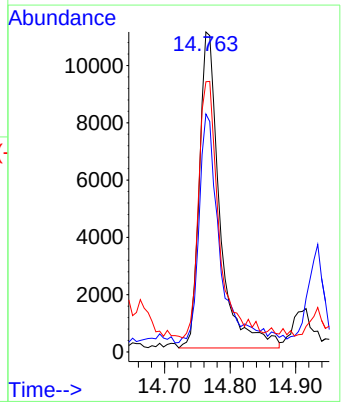




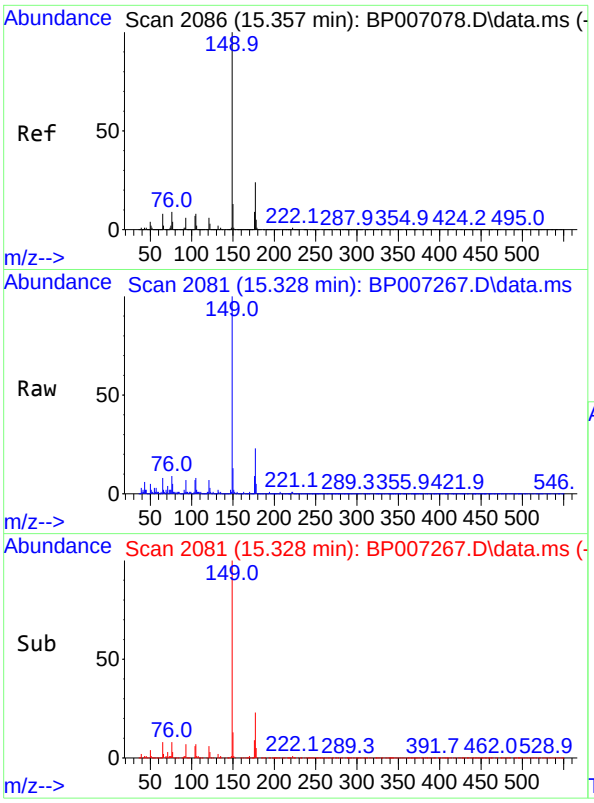
#56
4-Nitrophenol
Concen: 3.691 ng
RT: 14.763 min Scan# 1985
Delta R.T. 0.023 min
Lab File: BP007267.D
Acq: 30 Sep 2021 12:57

Tgt Ion:139 Resp: 24022

Ion	Ratio	Lower	Upper
139	100		
109	74.3	72.3	112.3
65	84.4	72.5	112.5



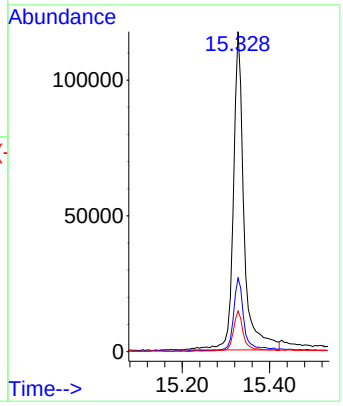
Instrument :
BNA_P
ClientSampleId :
CC-11

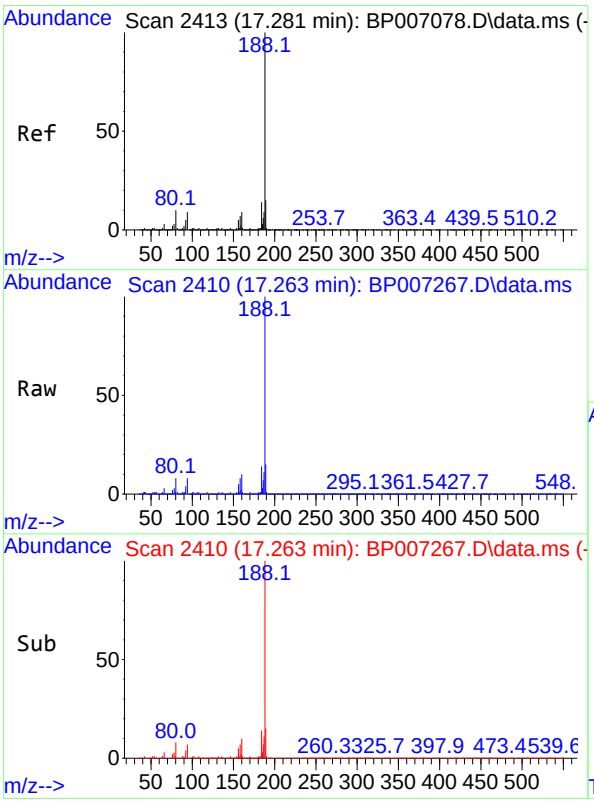


#60
Diethylphthalate
Concen: 5.657 ng
RT: 15.328 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BP007267.D
Acq: 30 Sep 2021 12:57

Tgt Ion:149 Resp: 198966

Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.5	26.3
150	12.7	9.9	14.9

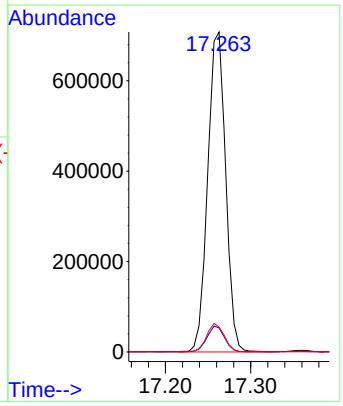




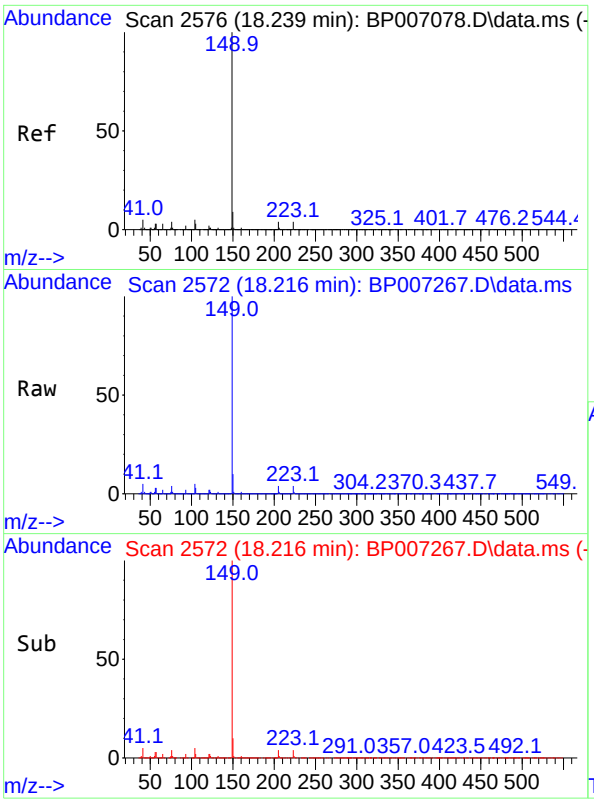
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP007267.D
Acq: 30 Sep 2021 12:57

Tgt Ion:188 Resp: 1036714

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.6	8.4
80	7.8	6.3	9.5



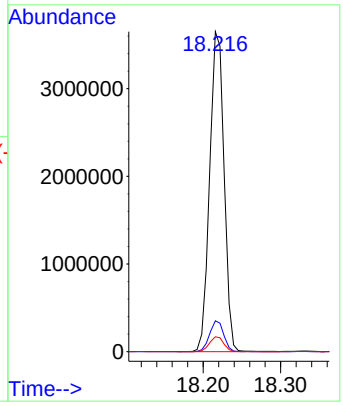
Instrument :
BNA_P
ClientSampleId :
CC-11

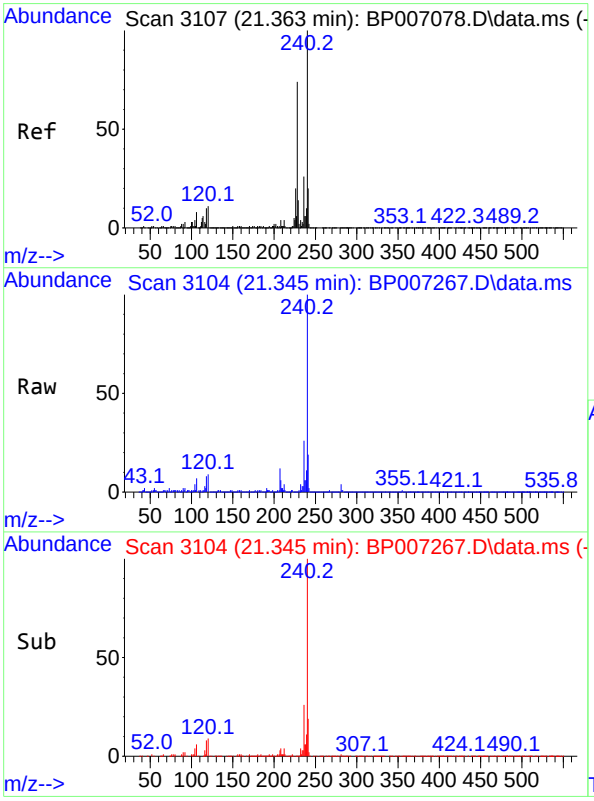


#74
Di-n-butylphthalate
Concen: 79.729 ng
RT: 18.216 min Scan# 2572
Delta R.T. -0.006 min
Lab File: BP007267.D
Acq: 30 Sep 2021 12:57

Tgt Ion:149 Resp: 4708259

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.3	10.9
104	4.7	4.5	6.7

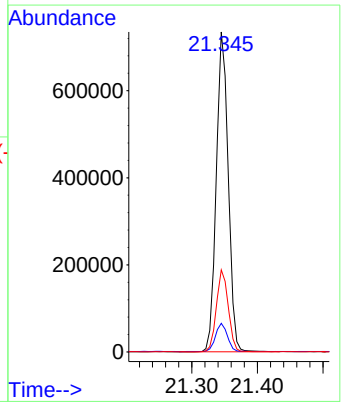




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BP007267.D
Acq: 30 Sep 2021 12:57

Tgt Ion:240 Resp: 926054

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.5	9.7
236	25.7	20.6	31.0



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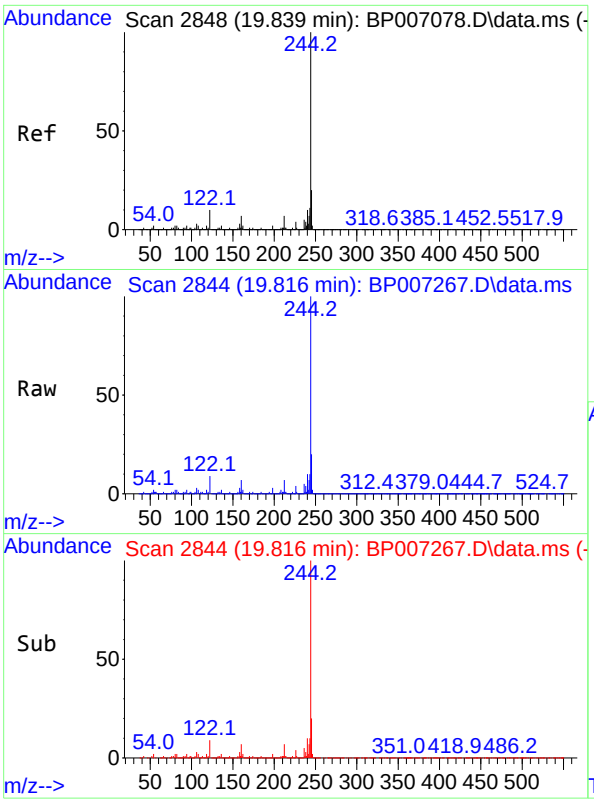
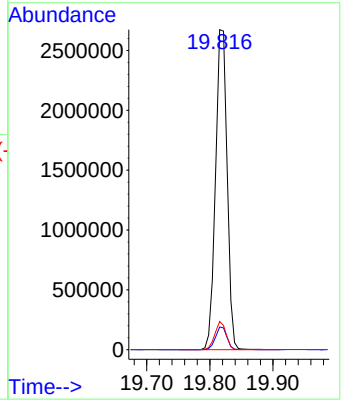
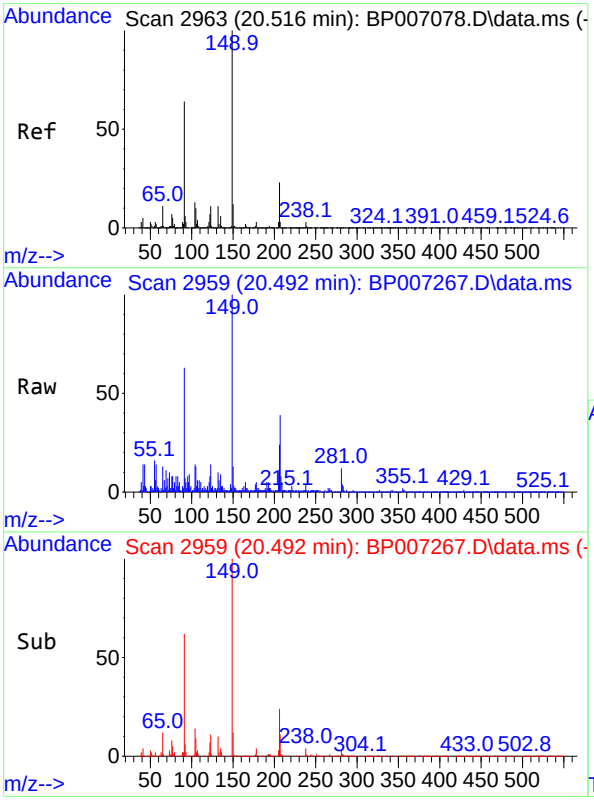


#79
Terphenyl-d14
Concen: 70.468 ng
RT: 19.816 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BP007267.D
Acq: 30 Sep 2021 12:57

Tgt Ion:244 Resp: 3405446

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	8.8	7.1	10.7

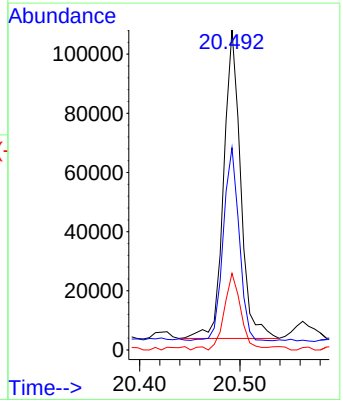




#80
Butylbenzylphthalate
Concen: 5.036 ng
RT: 20.492 min Scan# 2959
Delta R.T. -0.006 min
Lab File: BP007267.D
Acq: 30 Sep 2021 12:57

Tgt Ion:149 Resp: 122546

Ion	Ratio	Lower	Upper
149	100		
91	63.2	54.6	81.8
206	23.9	16.7	25.1



Instrument :
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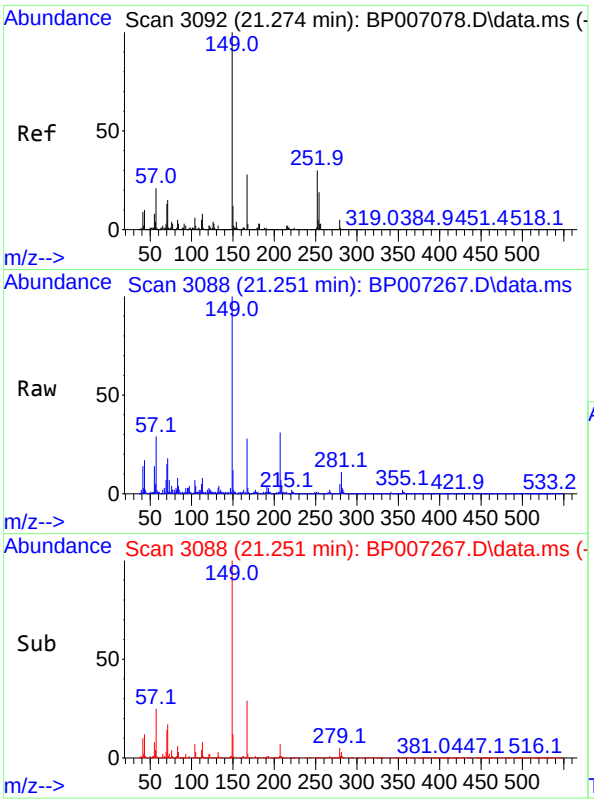
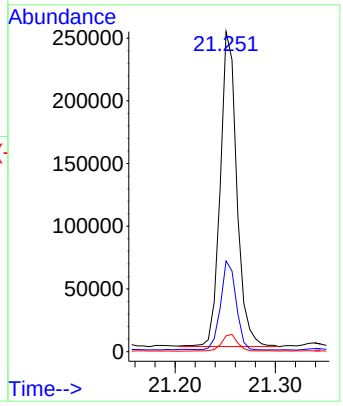
ClientSampleId :
CC-11

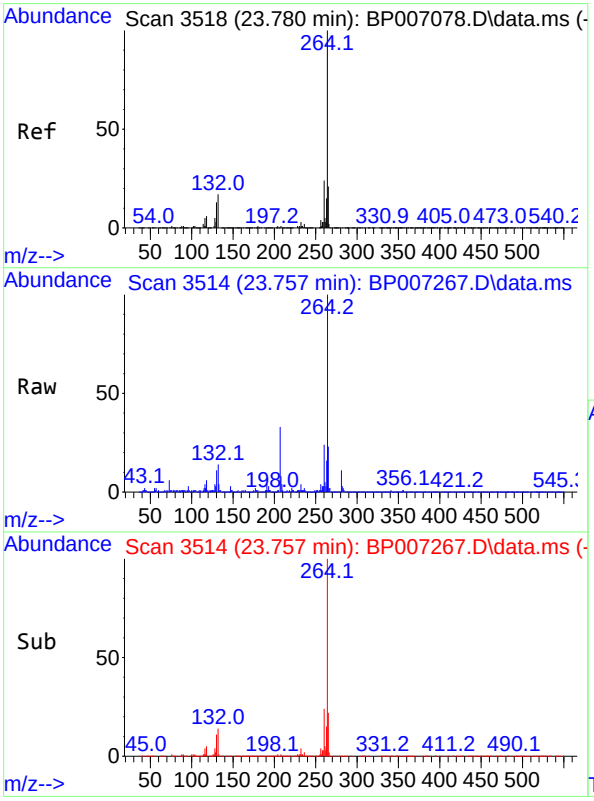


#84
Bis(2-ethylhexyl)phthalate
Concen: 8.208 ng
RT: 21.251 min Scan# 3088
Delta R.T. -0.006 min
Lab File: BP007267.D
Acq: 30 Sep 2021 12:57

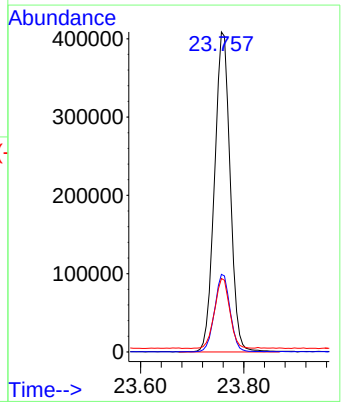
Tgt Ion:149 Resp: 287136

Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.9	32.9
279	4.9	4.3	6.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.757 min Scan# 3514
Delta R.T. -0.006 min
Lab File: BP007267.D
Acq: 30 Sep 2021 12:57

Tgt Ion:264 Resp: 860821

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	28.0
265	22.9	17.6	26.4