Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092021\
Data File : BP007065.D
Acq On : 20 Sep 2021 23:41
Operator : CG/JU
Sample : M3772-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PRE-CLASS-WASTE-1

Quant Time: Sep 21 01:04:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 17 10:50:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	303469	20.000	ng	0.00
21) Naphthalene-d8	10.705	136	1173567	20.000	ng	# 0.00
39) Acenaphthene-d10	14.534	164	735652	20.000	ng	0.00
64) Phenanthrene-d10	17.281	188	1540473	20.000	ng	# 0.00
76) Chrysene-d12	21.357	240	1545093	20.000	ng	#-0.01
86) Perylene-d12	23.774	264	1596779	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1798343	96.766	ng	0.00
7) Phenol-d6	7.069	99	2219519	87.500	ng	0.00
23) Nitrobenzene-d5	9.063	82	1256870	60.151	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	881358	99.622	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	3010156	56.488	ng	-0.01
79) Terphenyl-d14	19.834	244	4626803	57.453	ng	0.00
Target Compounds						Qvalue

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

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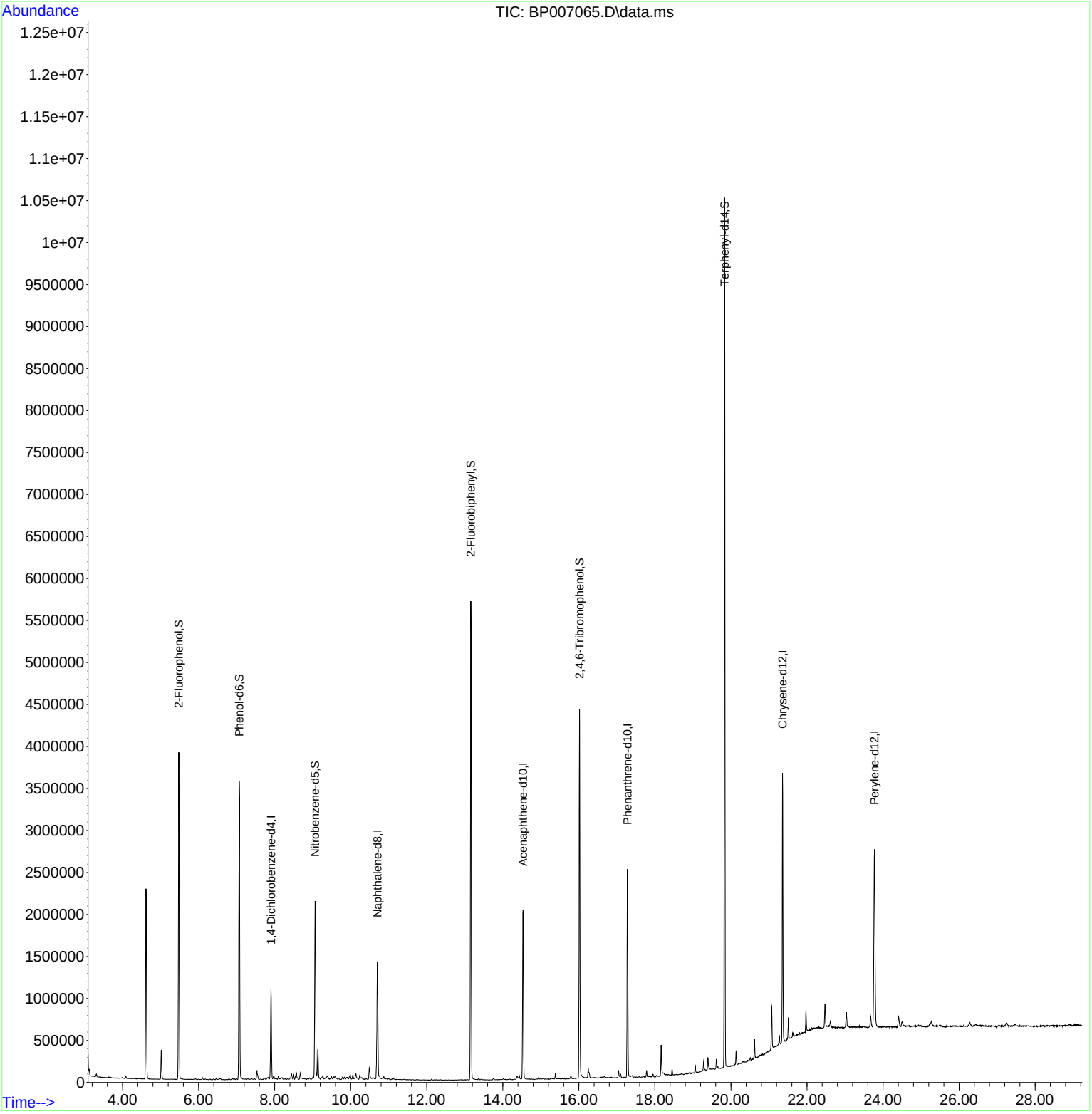
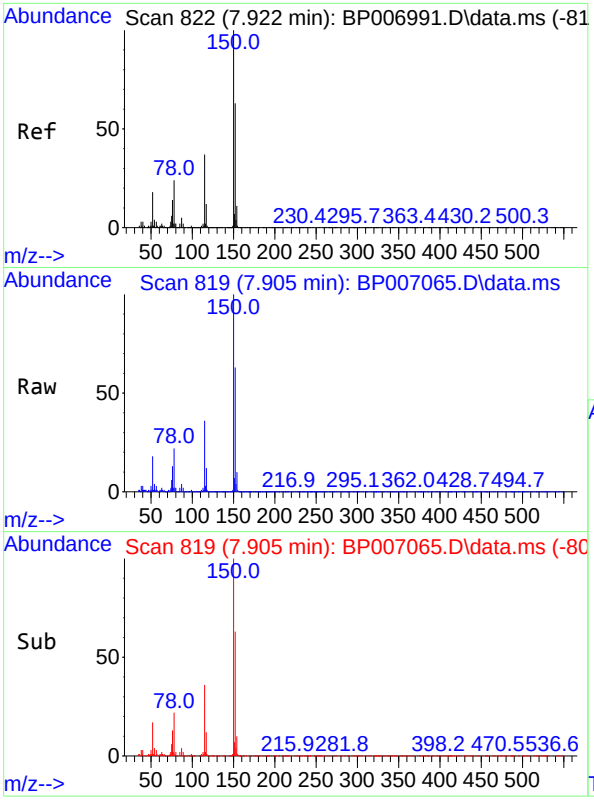
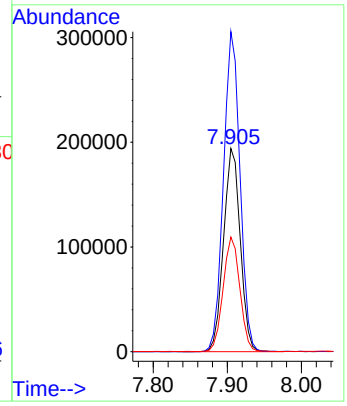




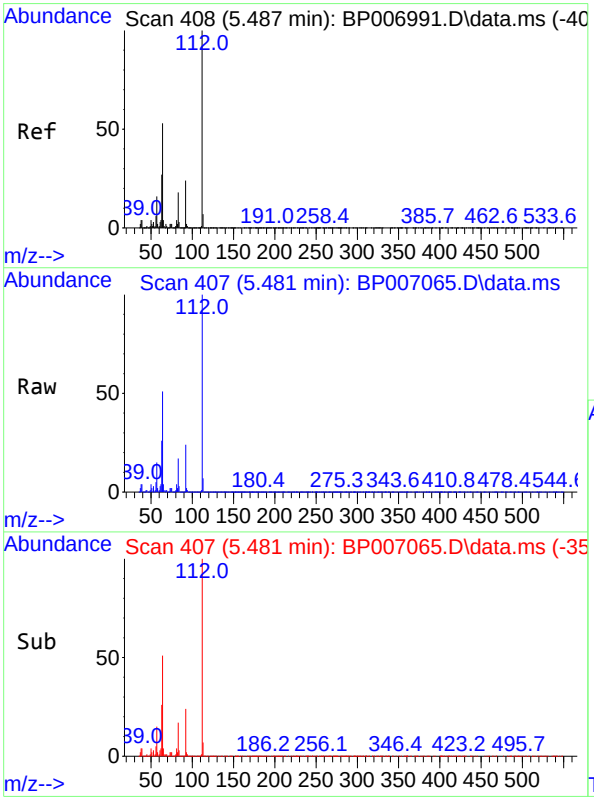
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP007065.D
Acq: 20 Sep 2021 23:41

Tgt Ion:152 Resp: 303469

Ion	Ratio	Lower	Upper
152	100		
150	157.5	125.6	188.4
115	56.4	48.5	72.7



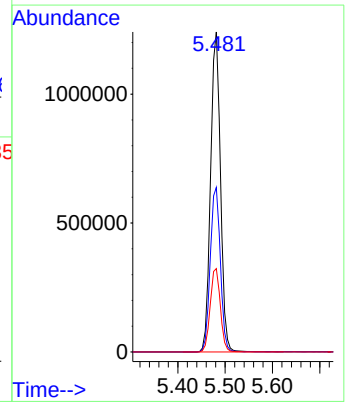
Instrument :
BNA_P
ClientSampleId :
PRE-CLASS-WASTE-1



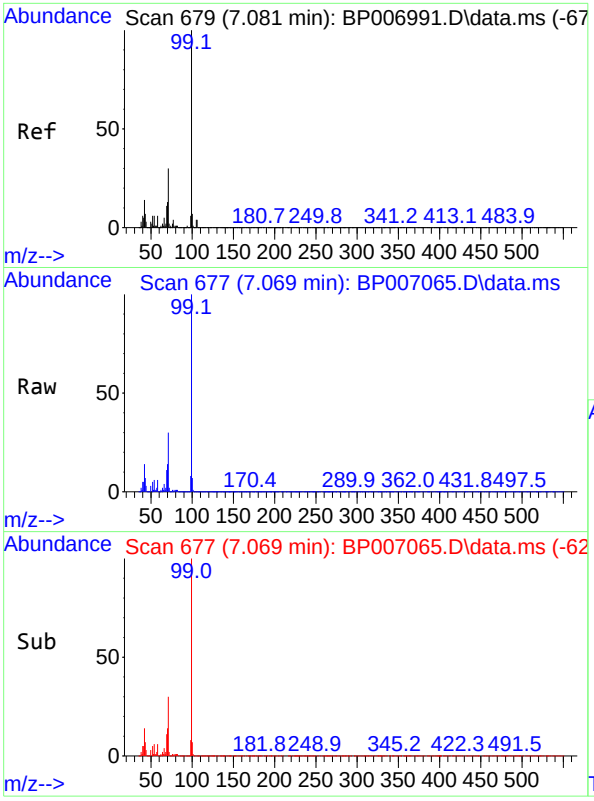
#5
2-Fluorophenol
Concen: 96.766 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP007065.D
Acq: 20 Sep 2021 23:41

Tgt Ion:112 Resp: 1798343

Ion	Ratio	Lower	Upper
112	100		
64	51.4	41.4	62.2
63	26.1	23.8	35.8



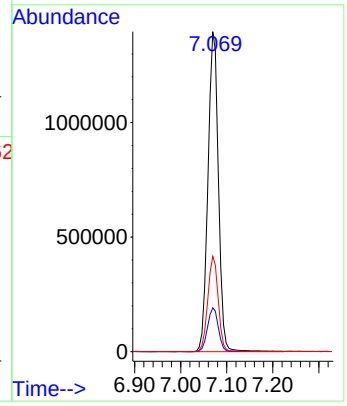
Instrument :
BNA_P
ClientSampleId :
PRE-CLASS-WASTE-1

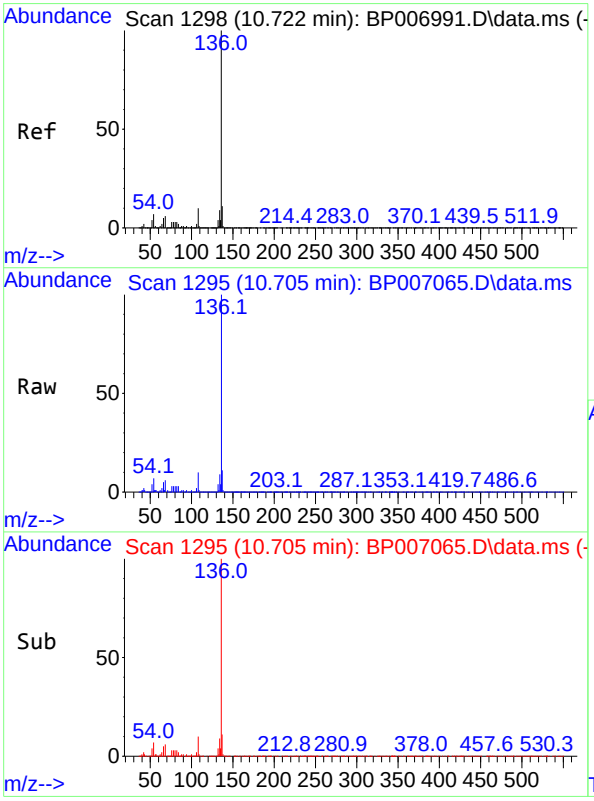


#7
Phenol-d6
Concen: 87.500 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.000 min
Lab File: BP007065.D
Acq: 20 Sep 2021 23:41

Tgt Ion: 99 Resp: 2219519

Ion	Ratio	Lower	Upper
99	100		
42	13.7	13.4	20.0
71	29.8	30.6	46.0#

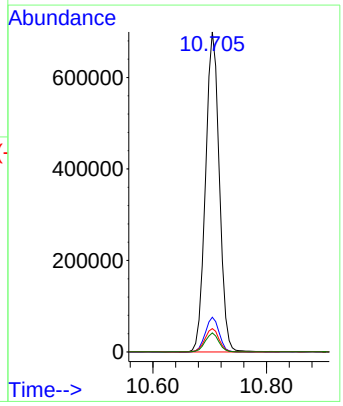




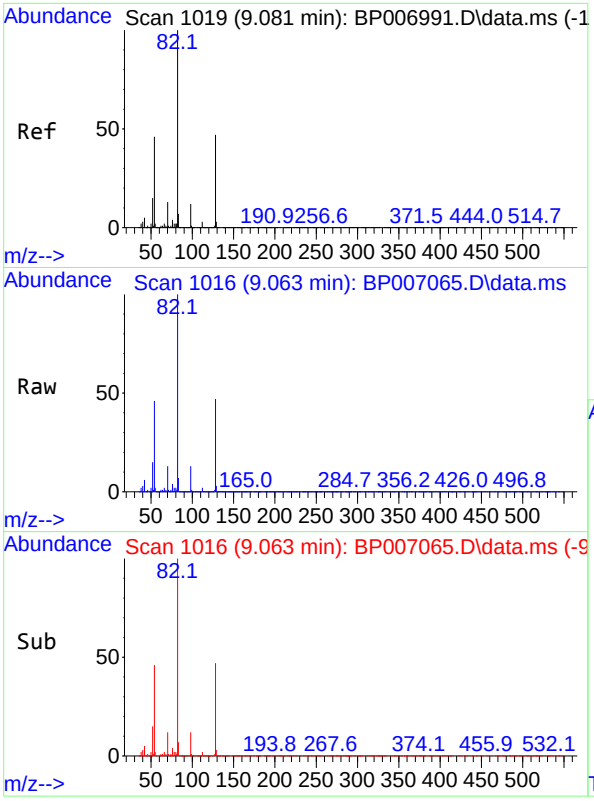
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP007065.D
Acq: 20 Sep 2021 23:41

Tgt Ion:136 Resp: 1173567

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	7.3	4.6	6.8#
68	5.9	3.6	5.4#



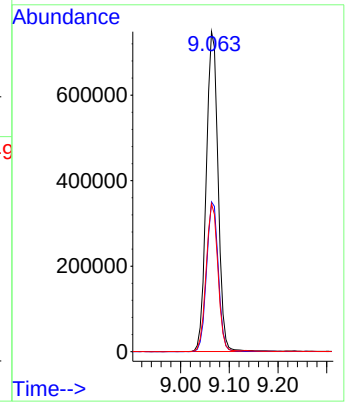
Instrument :
BNA_P
ClientSampleId :
PRE-CLASS-WASTE-1

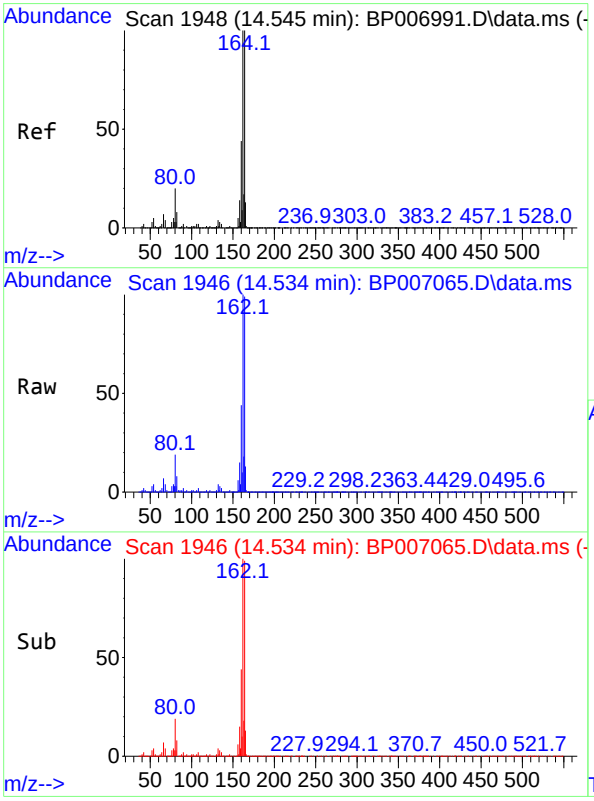


#23
Nitrobenzene-d5
Concen: 60.151 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP007065.D
Acq: 20 Sep 2021 23:41

Tgt Ion: 82 Resp: 1256870

Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.7	53.5
54	46.2	35.0	52.4

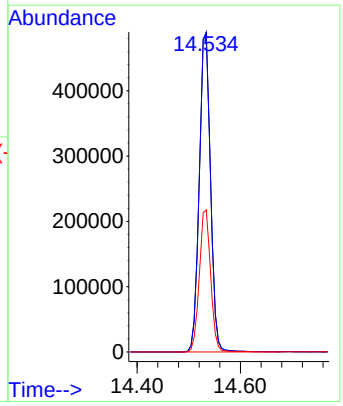




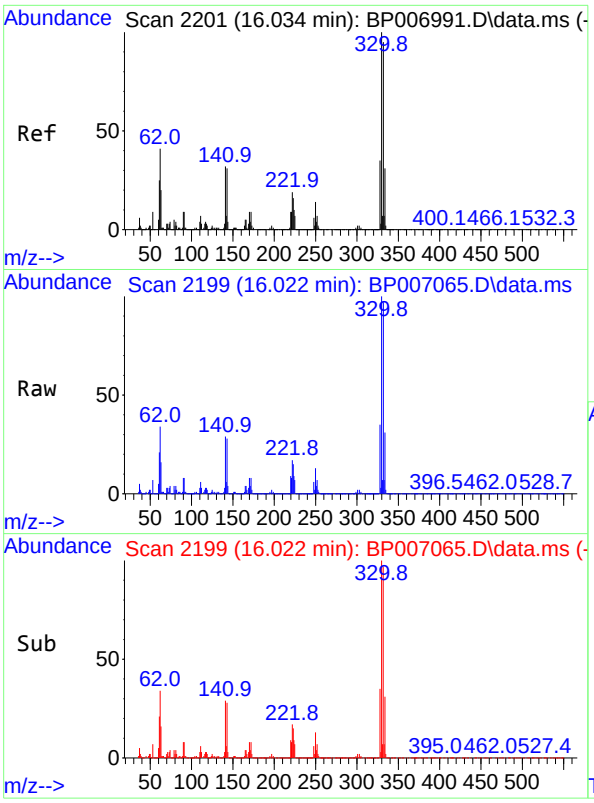
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP007065.D
Acq: 20 Sep 2021 23:41

Tgt Ion:164 Resp: 735652

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.2	120.2
160	44.7	34.5	51.7



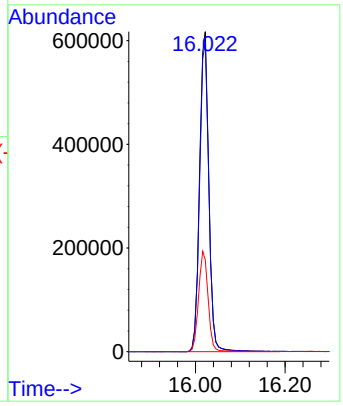
Instrument :
BNA_P
ClientSampleId :
PRE-CLASS-WASTE-1

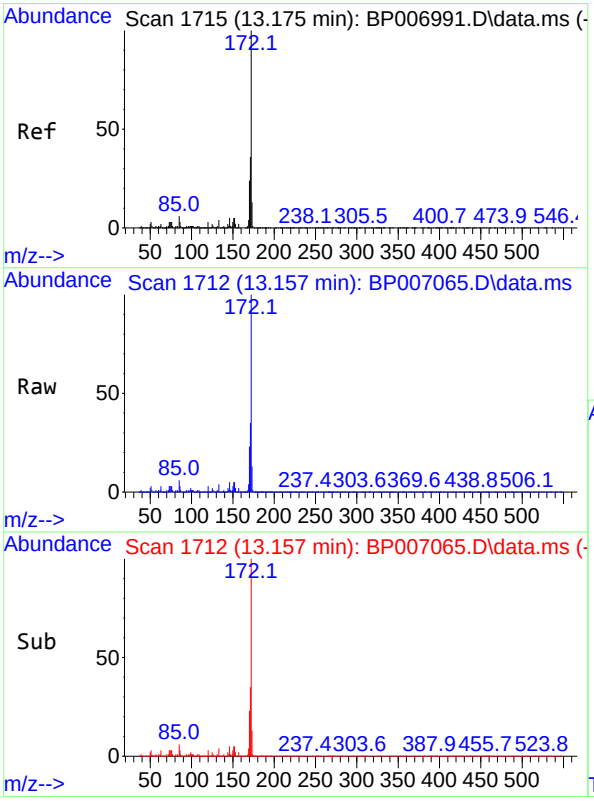


#42
2,4,6-Tribromophenol
Concen: 99.622 ng
RT: 16.022 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BP007065.D
Acq: 20 Sep 2021 23:41

Tgt Ion:330 Resp: 881358

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.8	116.8
141	32.2	25.4	38.2

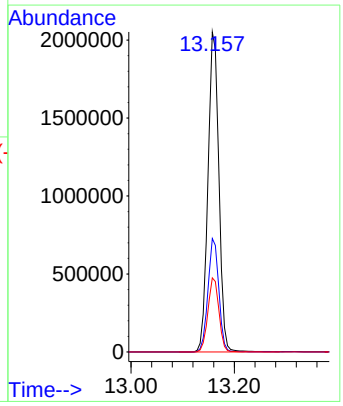




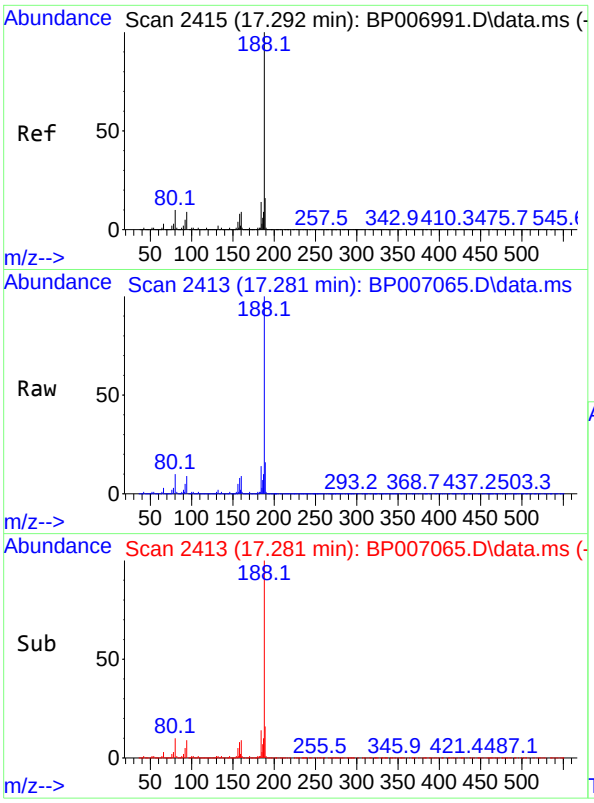
#45
2-Fluorobiphenyl
Concen: 56.488 ng
RT: 13.157 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP007065.D
Acq: 20 Sep 2021 23:41

Tgt Ion:172 Resp: 3010156

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.9	41.9
170	23.2	18.6	27.8



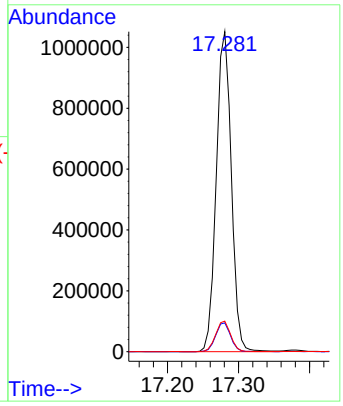
Instrument :
BNA_P
ClientSampleId :
PRE-CLASS-WASTE-1

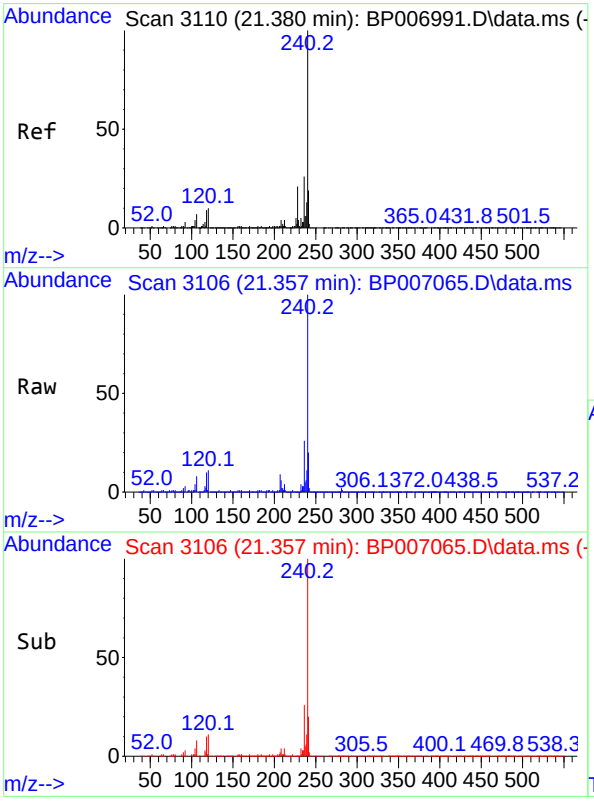


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.281 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP007065.D
Acq: 20 Sep 2021 23:41

Tgt Ion:188 Resp: 1540473

Ion	Ratio	Lower	Upper
188	100		
94	9.0	5.6	8.4#
80	9.6	6.3	9.5#

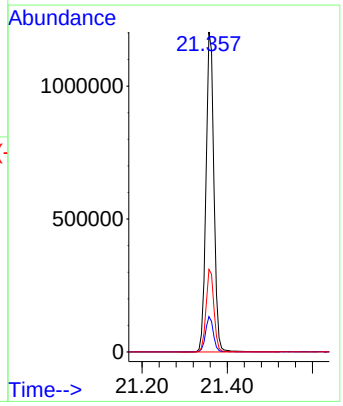


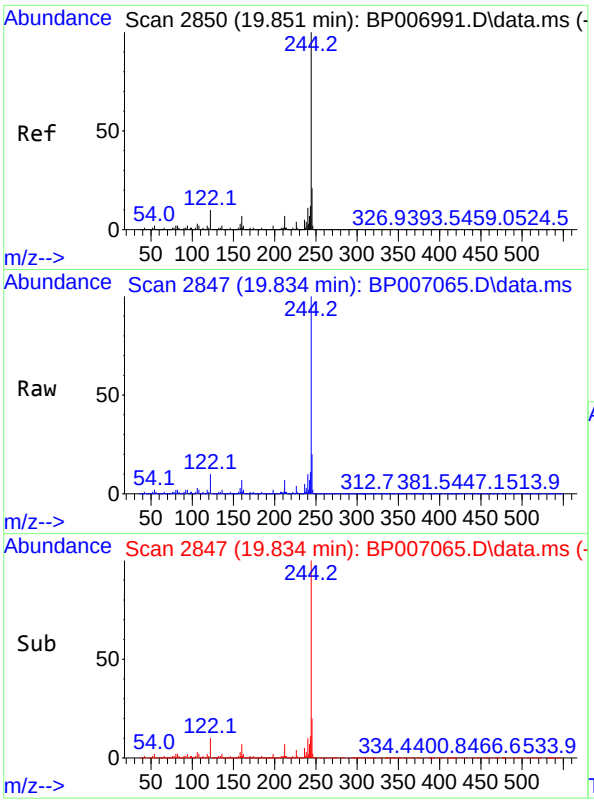


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BP007065.D
Acq: 20 Sep 2021 23:41

Tgt Ion:240 Resp: 1545093

Ion	Ratio	Lower	Upper
240	100		
120	11.0	6.5	9.7#
236	25.8	20.6	31.0

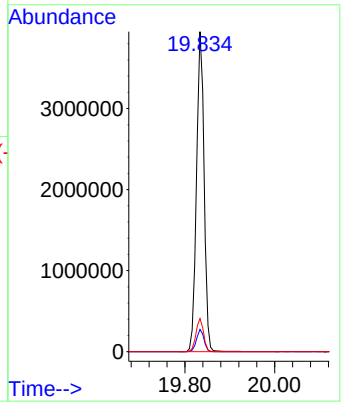




#79
Terphenyl-d14
Concen: 57.453 ng
RT: 19.834 min Scan# 2847
Delta R.T. -0.006 min
Lab File: BP007065.D
Acq: 20 Sep 2021 23:41

Tgt Ion:244 Resp: 4626803

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	10.4	7.1	10.7



Instrument :
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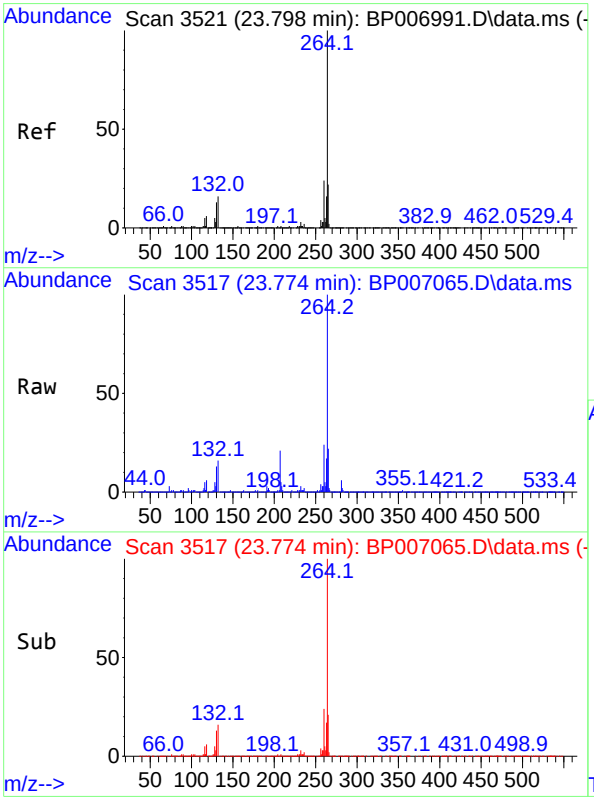
PRE-CLASS-WASTE-1



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3517
Delta R.T. -0.006 min
Lab File: BP007065.D
Acq: 20 Sep 2021 23:41

Tgt Ion:264 Resp: 1596779

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	28.0
265	21.8	17.6	26.4