Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
Data File : BP007039.D
Acq On : 17 Sep 2021 22:27
Operator : CG/JU
Sample : M3772-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WASTE-PRE-CLASS

Quant Time: Sep 18 00:58:26 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	302903	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1179559	20.000	ng	# 0.00
39) Acenaphthene-d10	14.534	164	716715	20.000	ng	0.00
64) Phenanthrene-d10	17.281	188	1503905	20.000	ng	# 0.00
76) Chrysene-d12	21.357	240	1514827	20.000	ng	#-0.01
86) Perylene-d12	23.768	264	1545689	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1838906	99.134	ng	0.00
7) Phenol-d6	7.069	99	2300294	90.854	ng	0.00
23) Nitrobenzene-d5	9.063	82	1277151	60.812	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	803313	93.199	ng	-0.01
45) 2-Fluorobiphenyl	13.163	172	2911094	56.072	ng	0.00
79) Terphenyl-d14	19.833	244	4397476	55.697	ng	0.00
Target Compounds						Qvalue

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

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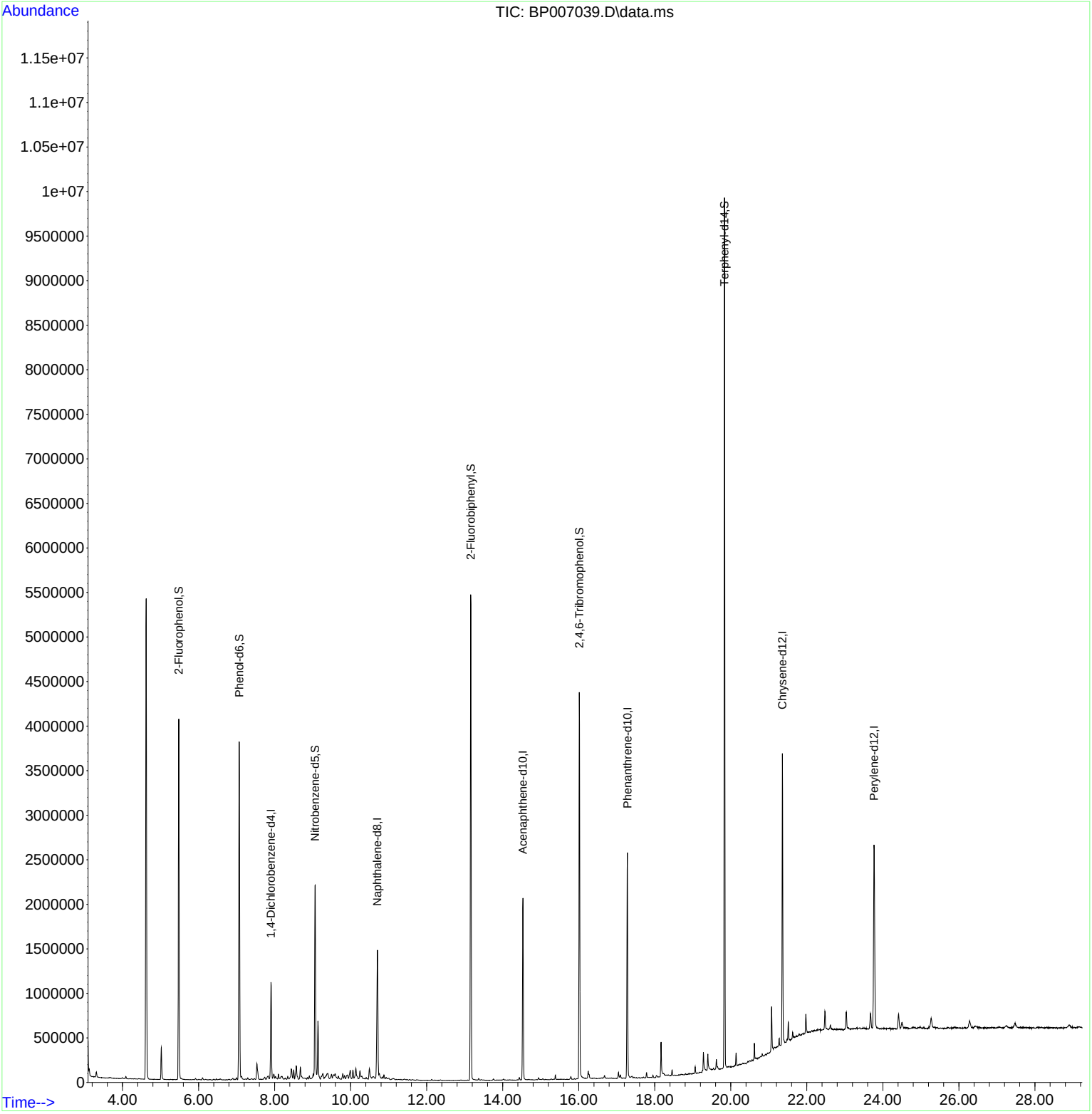

Instrument :
BNA_P
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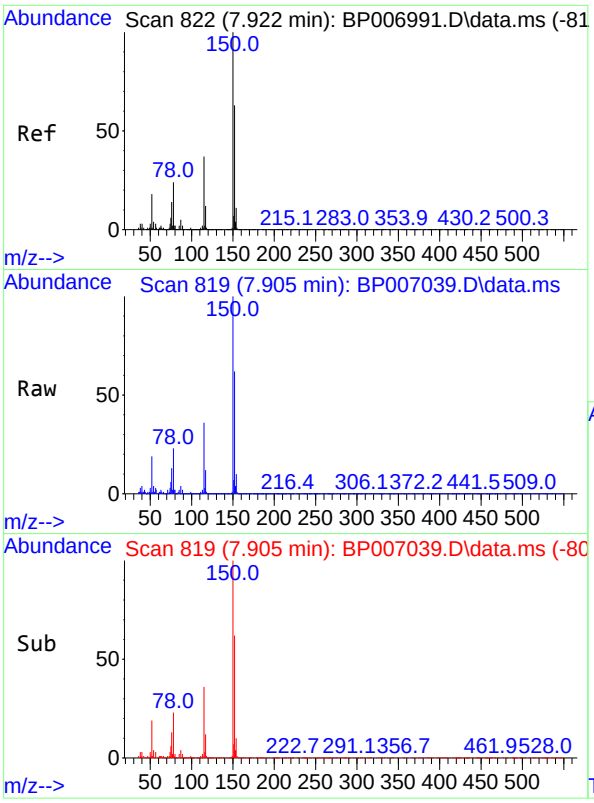
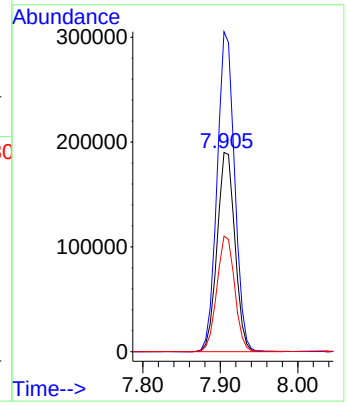
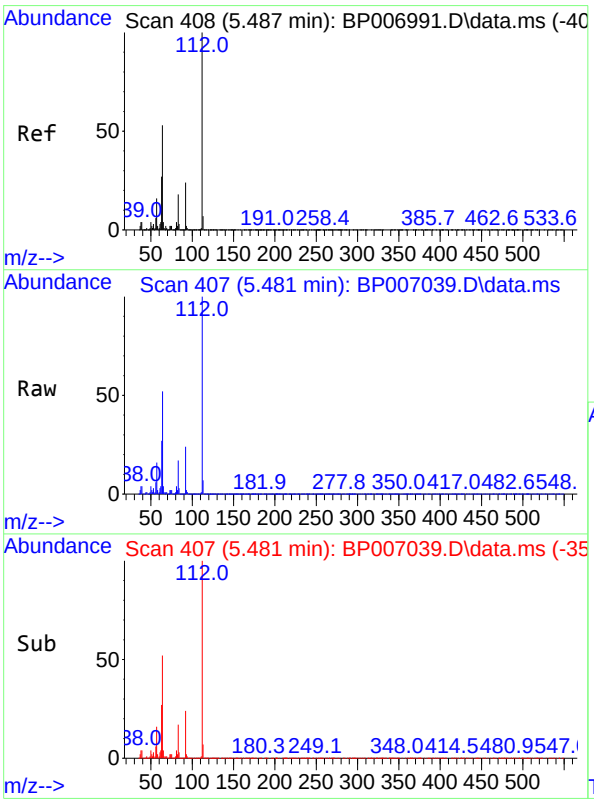


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP007039.D
Acq: 17 Sep 2021 22:27

Tgt Ion:152 Resp: 302903

Ion	Ratio	Lower	Upper
152	100		
150	160.7	125.6	188.4
115	58.0	48.5	72.7

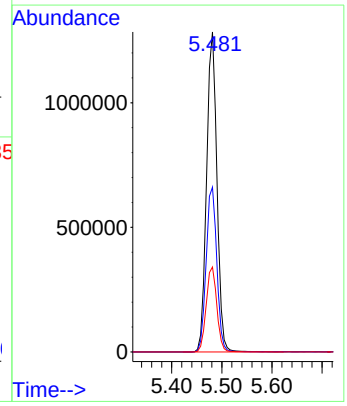




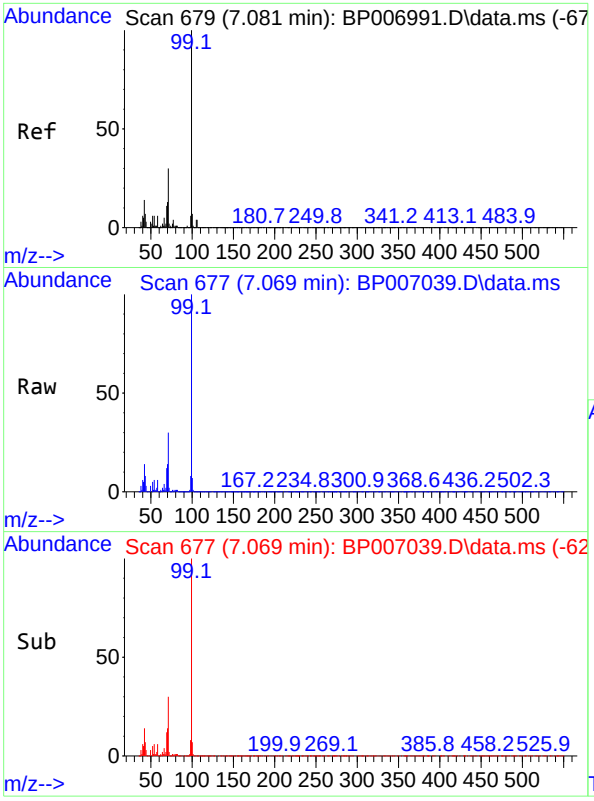
#5
2-Fluorophenol
Concen: 99.134 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP007039.D
Acq: 17 Sep 2021 22:27

Tgt Ion:112 Resp: 1838906

Ion	Ratio	Lower	Upper
112	100		
64	51.5	41.4	62.2
63	26.6	23.8	35.8



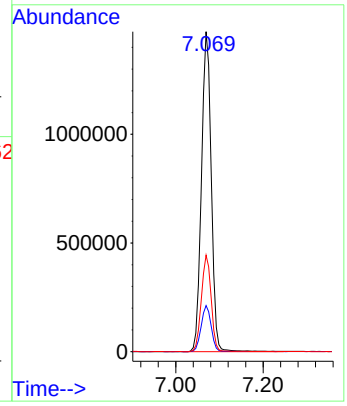
Instrument :
BNA_P
ClientSampleId :
WASTE-PRE-CLASS

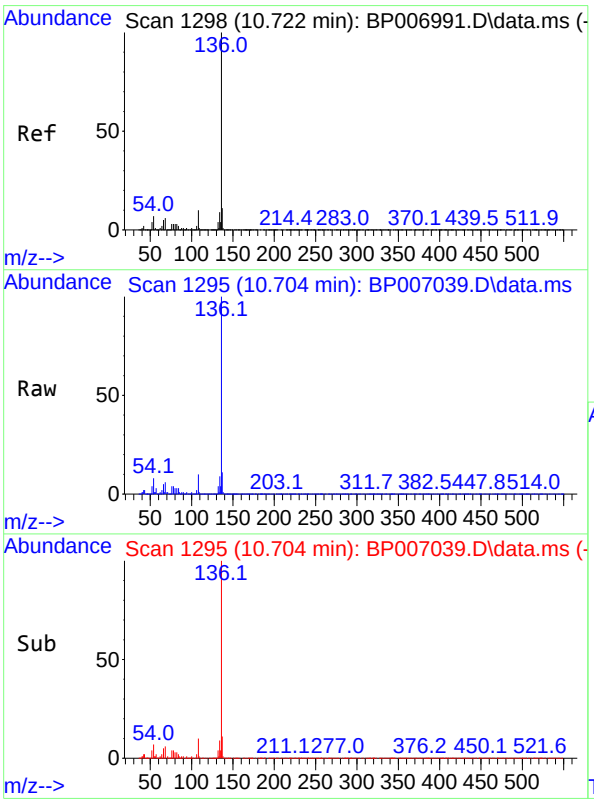


#7
Phenol-d6
Concen: 90.854 ng
RT: 7.069 min Scan# 677
Delta R.T. 0.000 min
Lab File: BP007039.D
Acq: 17 Sep 2021 22:27

Tgt Ion: 99 Resp: 2300294

Ion	Ratio	Lower	Upper
99	100		
42	14.4	13.4	20.0
71	30.2	30.6	46.0#

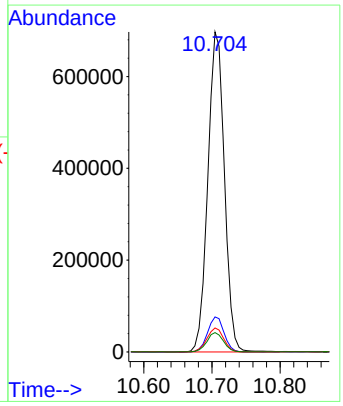




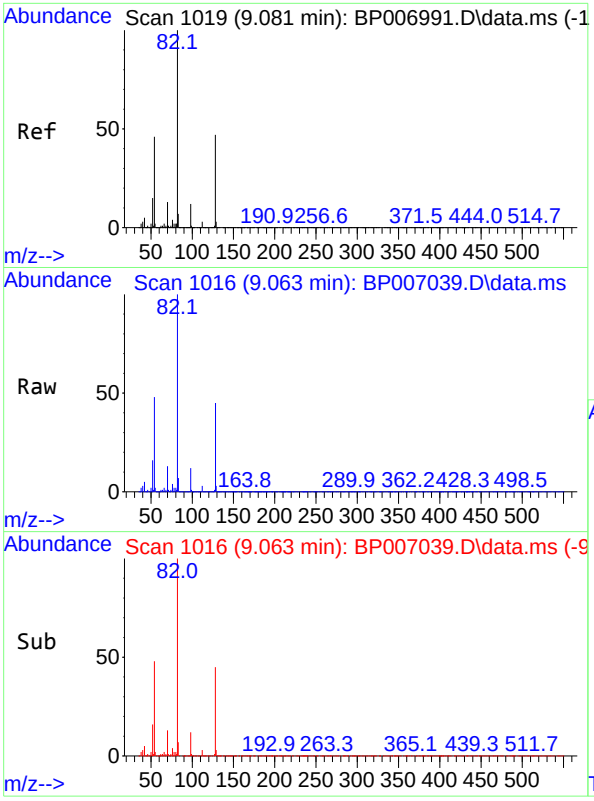
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP007039.D
Acq: 17 Sep 2021 22:27

Tgt Ion:136 Resp: 1179559

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.5	4.6	6.8#
68	6.1	3.6	5.4#



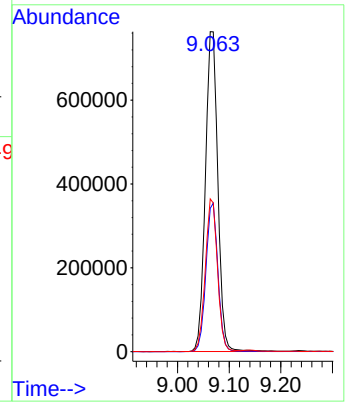
Instrument :
BNA_P
ClientSampleId :
WASTE-PRE-CLASS

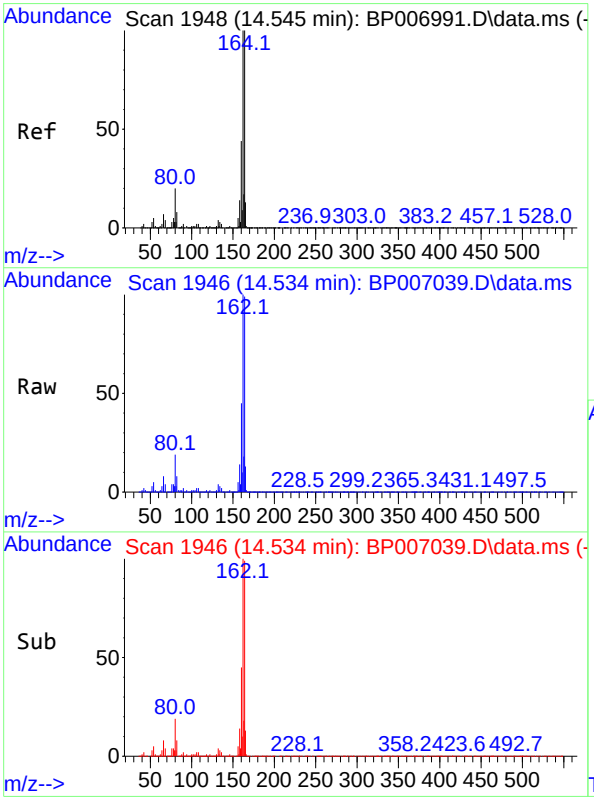


#23
Nitrobenzene-d5
Concen: 60.812 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP007039.D
Acq: 17 Sep 2021 22:27

Tgt Ion: 82 Resp: 1277151

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.7	53.5
54	47.7	35.0	52.4

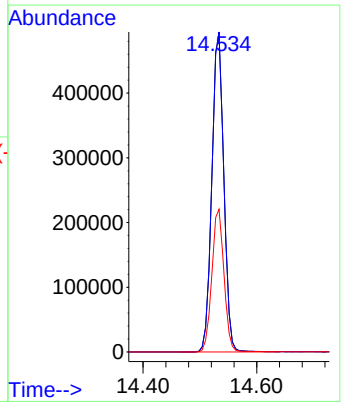




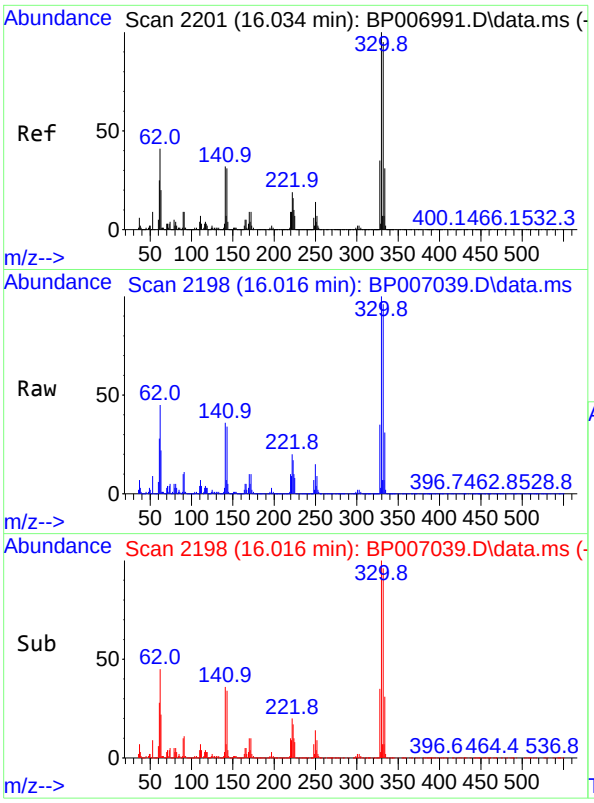
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BP007039.D
Acq: 17 Sep 2021 22:27

Tgt Ion:164 Resp: 716715

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.2
160	45.1	34.5	51.7



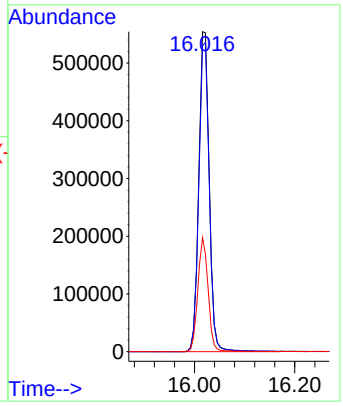
Instrument :
BNA_P
ClientSampleId :
WASTE-PRE-CLASS

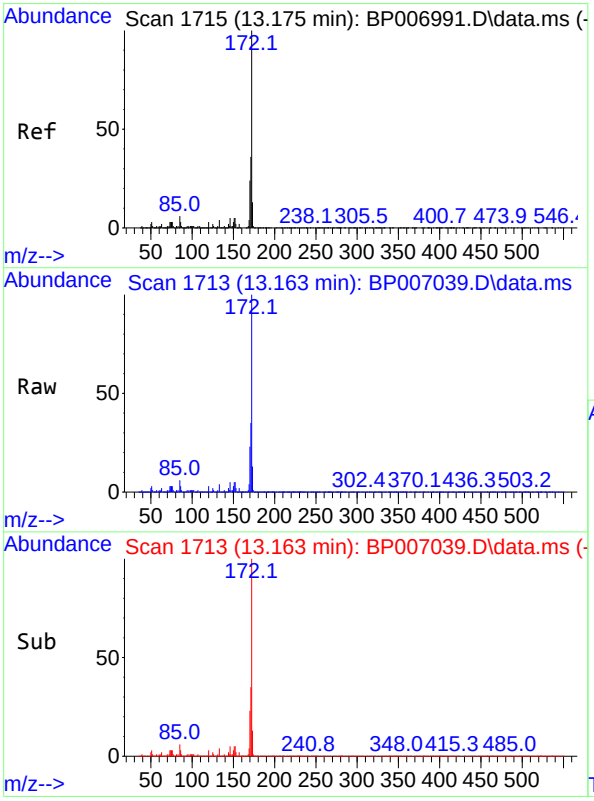


#42
2,4,6-Tribromophenol
Concen: 93.199 ng
RT: 16.016 min Scan# 2198
Delta R.T. -0.012 min
Lab File: BP007039.D
Acq: 17 Sep 2021 22:27

Tgt Ion:330 Resp: 803313

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.8	116.8
141	34.9	25.4	38.2

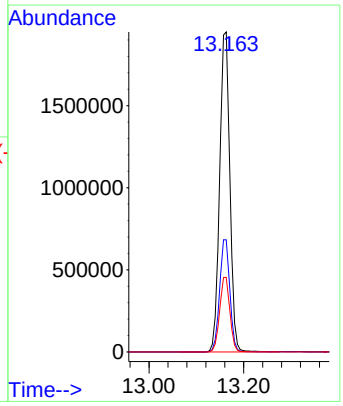




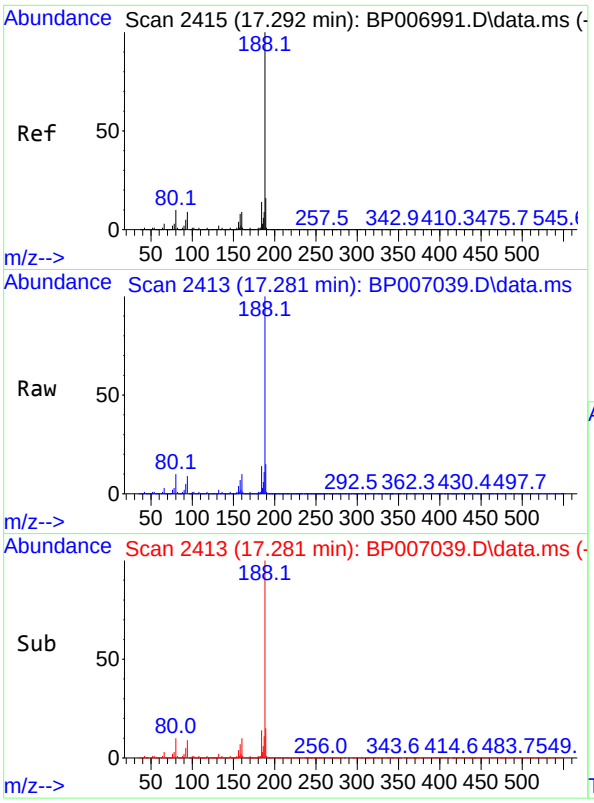
#45
2-Fluorobiphenyl
Concen: 56.072 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP007039.D
Acq: 17 Sep 2021 22:27

Tgt Ion:172 Resp: 2911094

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.3	18.6	27.8



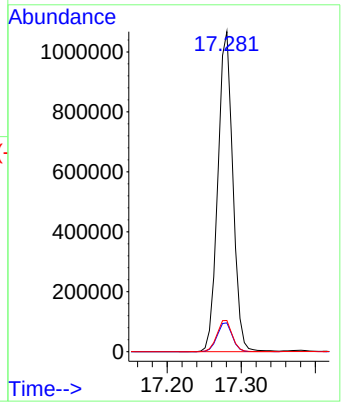
Instrument :
BNA_P
ClientSampleId :
WASTE-PRE-CLASS

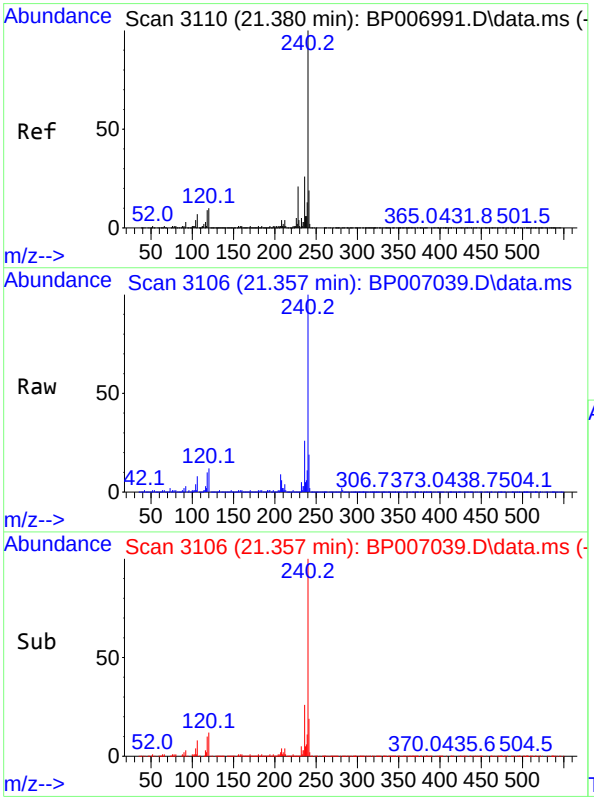


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.281 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP007039.D
Acq: 17 Sep 2021 22:27

Tgt Ion:188 Resp: 1503905

Ion	Ratio	Lower	Upper
188	100		
94	9.0	5.6	8.4#
80	9.7	6.3	9.5#

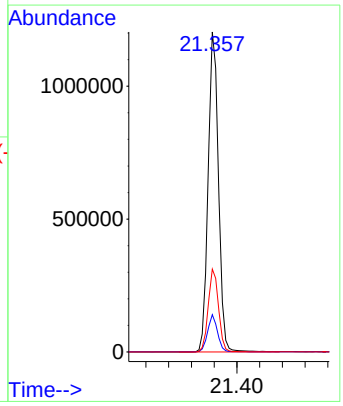




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BP007039.D
Acq: 17 Sep 2021 22:27

Tgt Ion:240 Resp: 1514827

Ion	Ratio	Lower	Upper
240	100		
120	11.6	6.5	9.7#
236	25.9	20.6	31.0



Instrument :
BNA_P
ClientSampleId :
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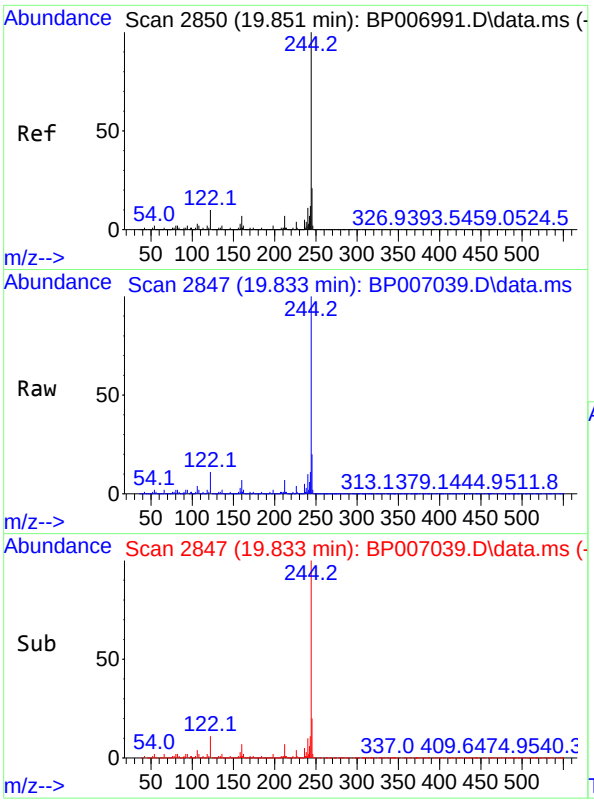
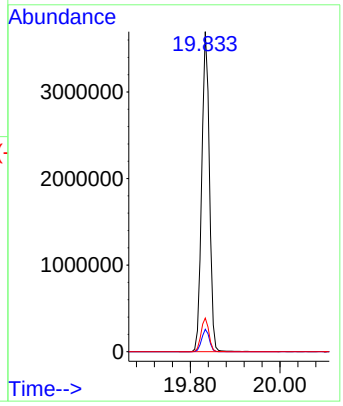
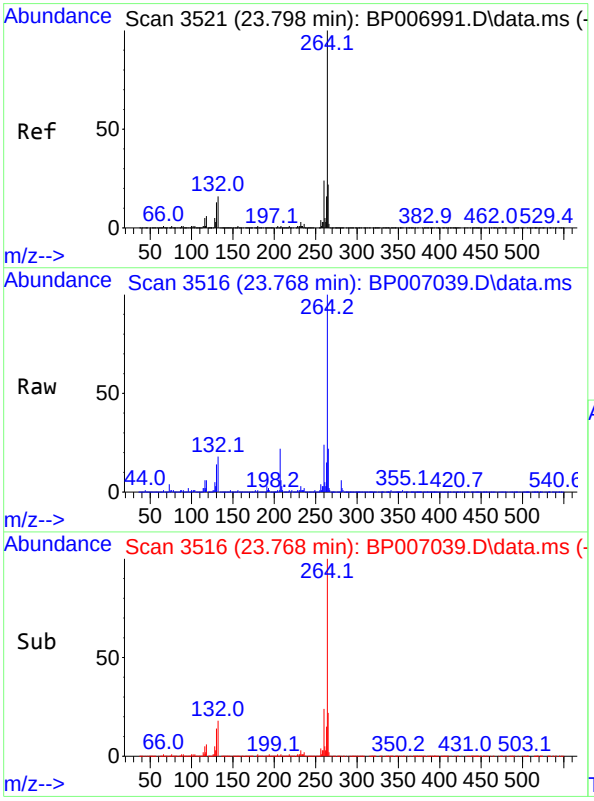


#79
Terphenyl-d14
Concen: 55.697 ng
RT: 19.833 min Scan# 2847
Delta R.T. -0.006 min
Lab File: BP007039.D
Acq: 17 Sep 2021 22:27

Tgt Ion:244 Resp: 4397476

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	10.5	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.768 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BP007039.D
Acq: 17 Sep 2021 22:27

Tgt Ion:264 Resp: 1545689

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	22.2	17.6	26.4