Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
Data File : BP006725.D
Acq On : 17 Aug 2021 19:12
Operator : CG/JU
Sample : M3391-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-F06031

Quant Time: Aug 18 03:12:55 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 18:17:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	182498	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	780941	20.000	ng	# 0.00
39) Acenaphthene-d10	14.340	164	426742	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	836307	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	808096	20.000	ng	# 0.00
86) Perylene-d12	23.516	264	848121	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	745729	62.762	ng	0.00
7) Phenol-d6	6.881	99	593812	35.182	ng	0.00
23) Nitrobenzene-d5	8.857	82	1342607	79.355	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	577579	129.504	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2331032	81.724	ng	0.00
79) Terphenyl-d14	19.680	244	3107328	77.050	ng	0.00
Target Compounds						Qvalue

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

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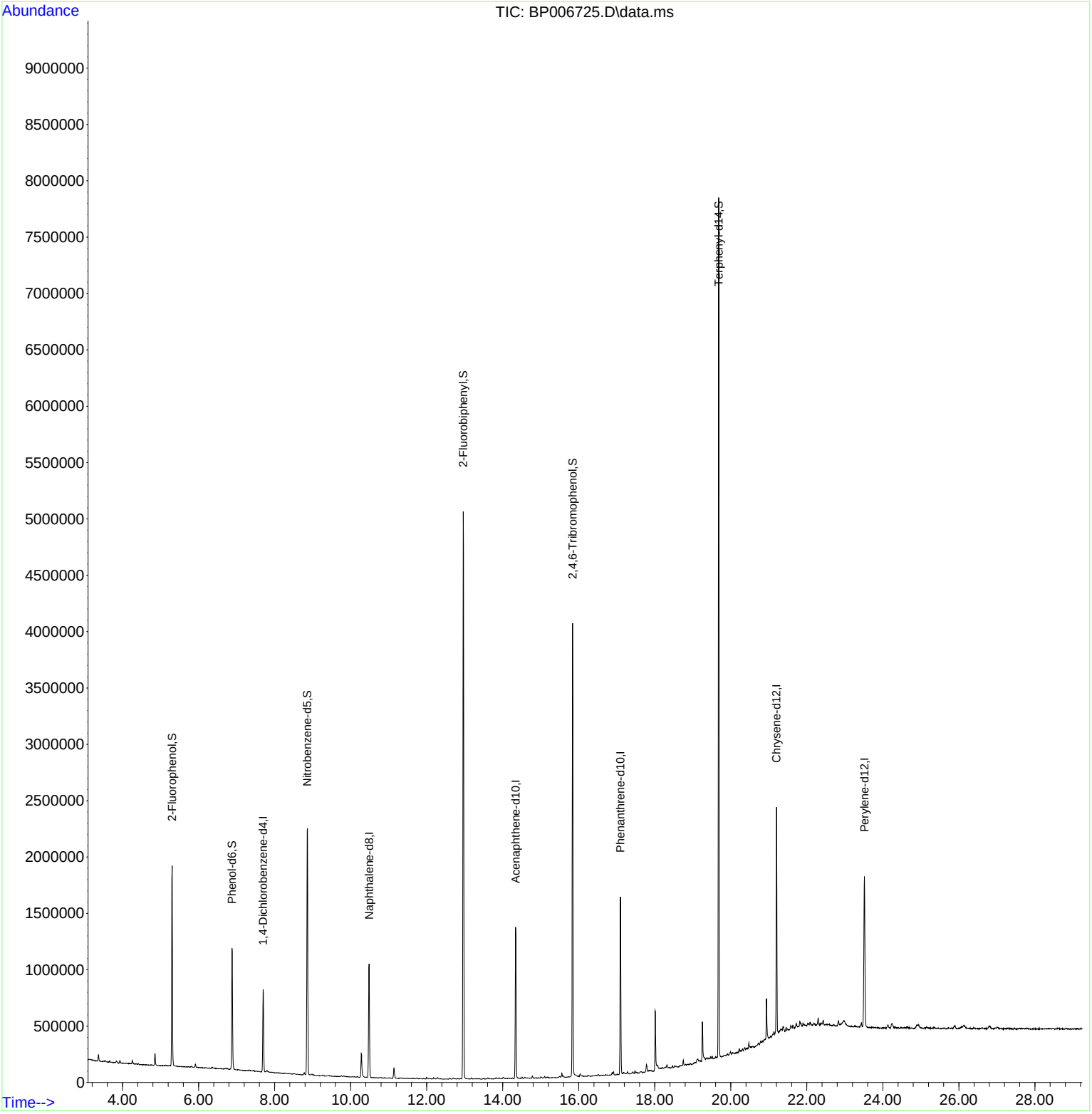
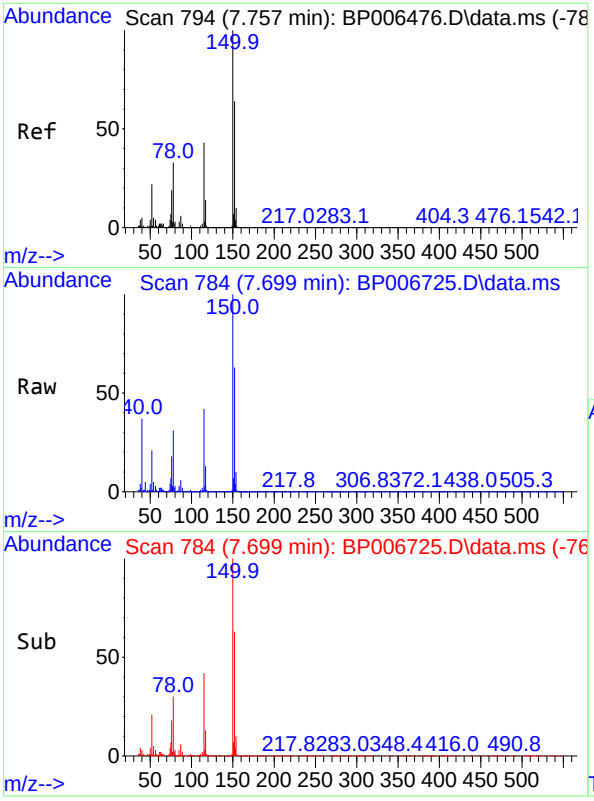


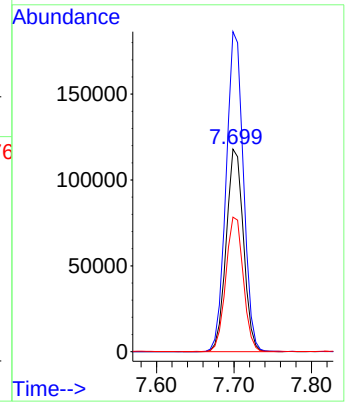
Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-F06031

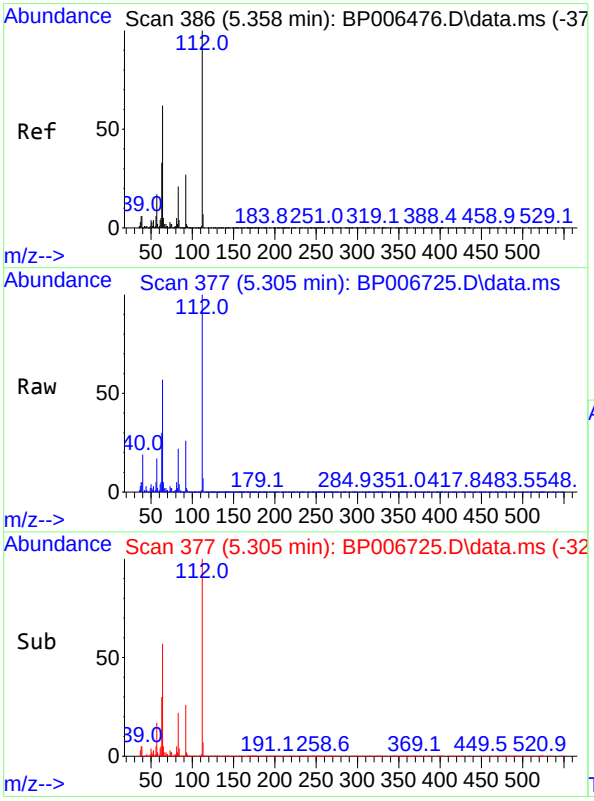


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.699 min Scan# 784
Delta R.T. -0.006 min
Lab File: BP006725.D
Acq: 17 Aug 2021 19:12

Tgt Ion:152 Resp: 182498

Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.6	188.4
115	66.4	48.5	72.7

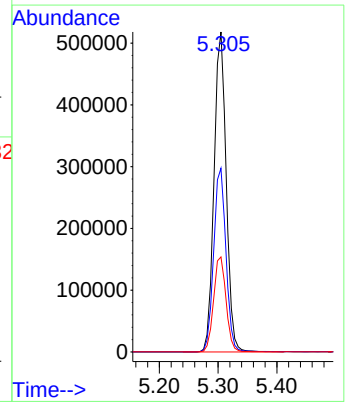




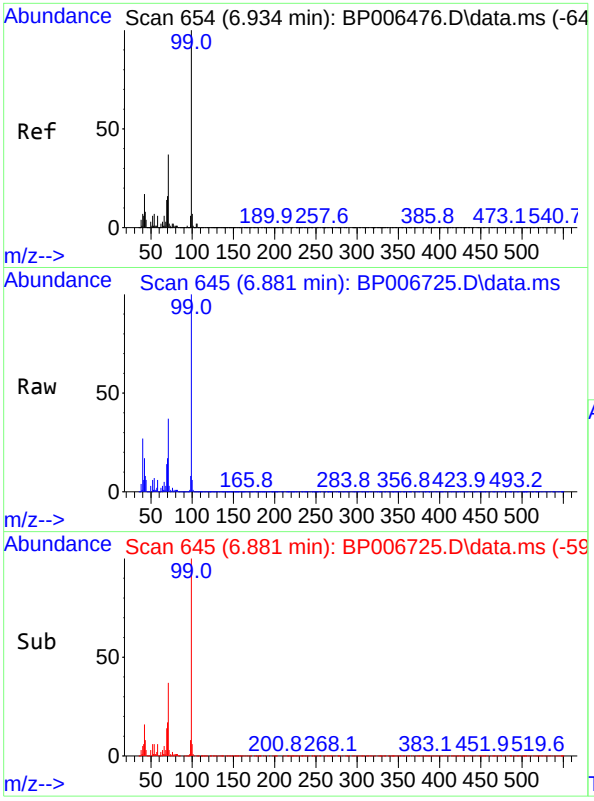
#5
2-Fluorophenol
Concen: 62.762 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.000 min
Lab File: BP006725.D
Acq: 17 Aug 2021 19:12

Tgt Ion:112 Resp: 745729

Ion	Ratio	Lower	Upper
112	100		
64	57.4	41.4	62.2
63	29.7	23.8	35.8



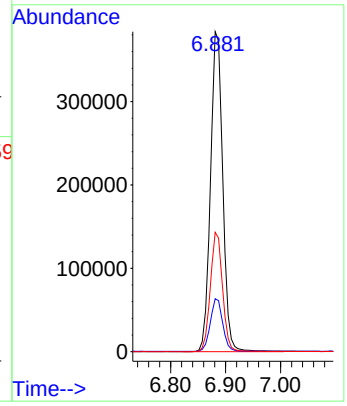
Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-F06031

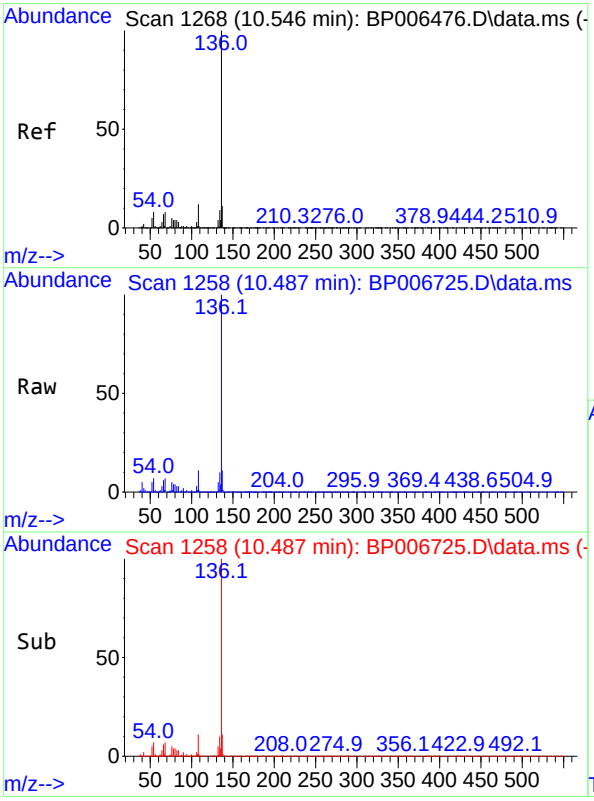


#7
Phenol-d6
Concen: 35.182 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.006 min
Lab File: BP006725.D
Acq: 17 Aug 2021 19:12

Tgt Ion: 99 Resp: 593812

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.4	20.0
71	37.3	30.6	46.0

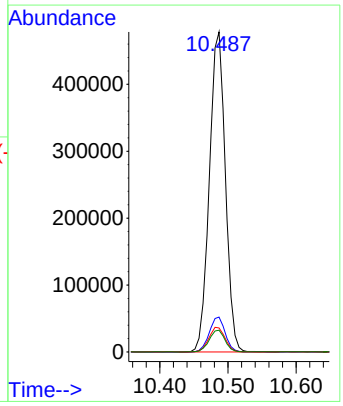




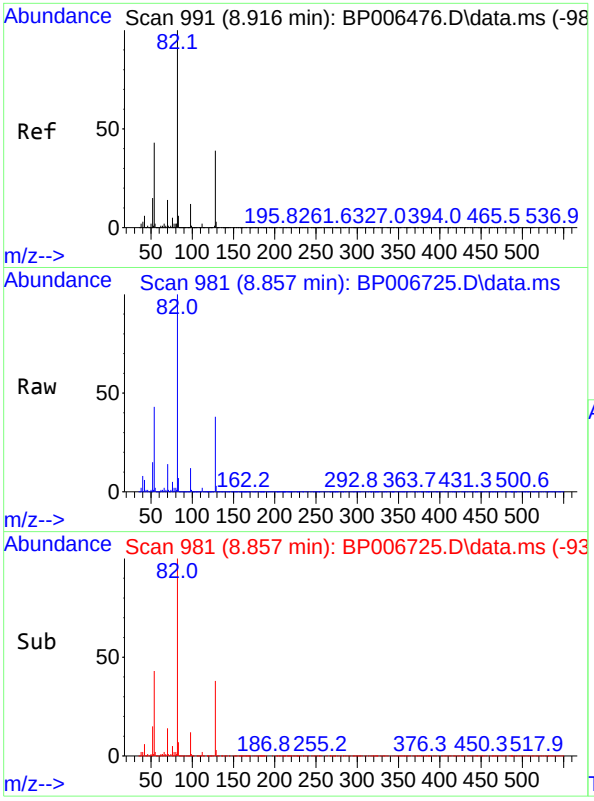
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP006725.D
Acq: 17 Aug 2021 19:12

Tgt Ion:136 Resp: 780941

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.5	4.6	6.8#
68	6.8	3.6	5.4#



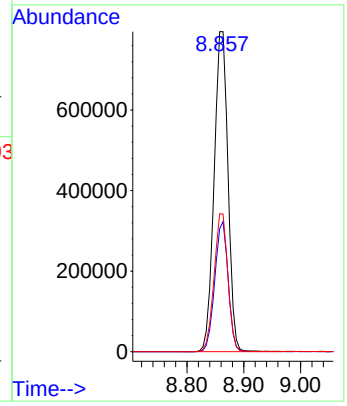
Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-F06031

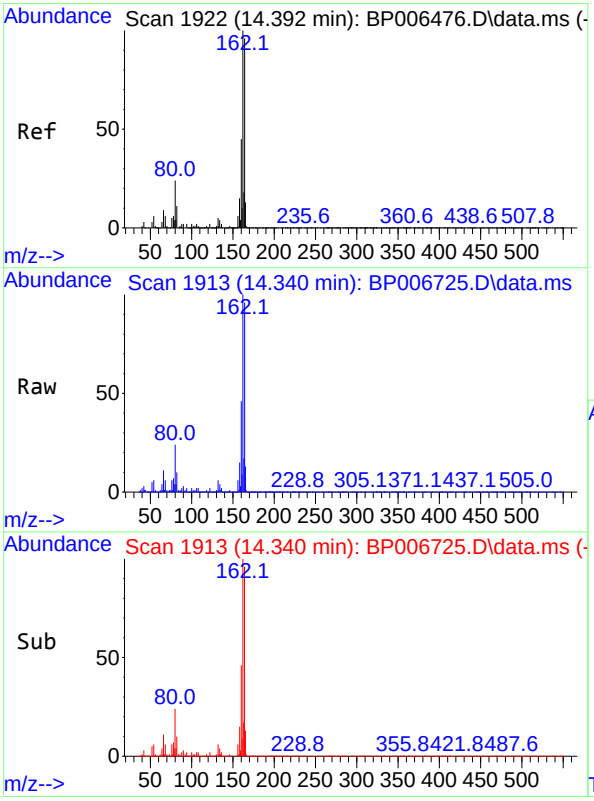


#23
Nitrobenzene-d5
Concen: 79.355 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP006725.D
Acq: 17 Aug 2021 19:12

Tgt Ion: 82 Resp: 1342607

Ion	Ratio	Lower	Upper
82	100		
128	38.4	35.7	53.5
54	43.1	35.0	52.4

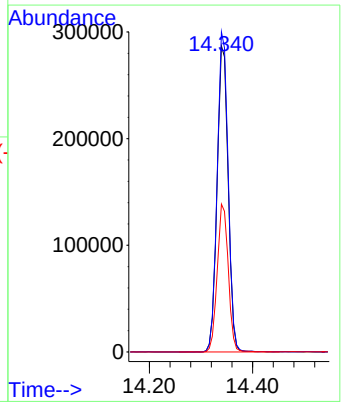




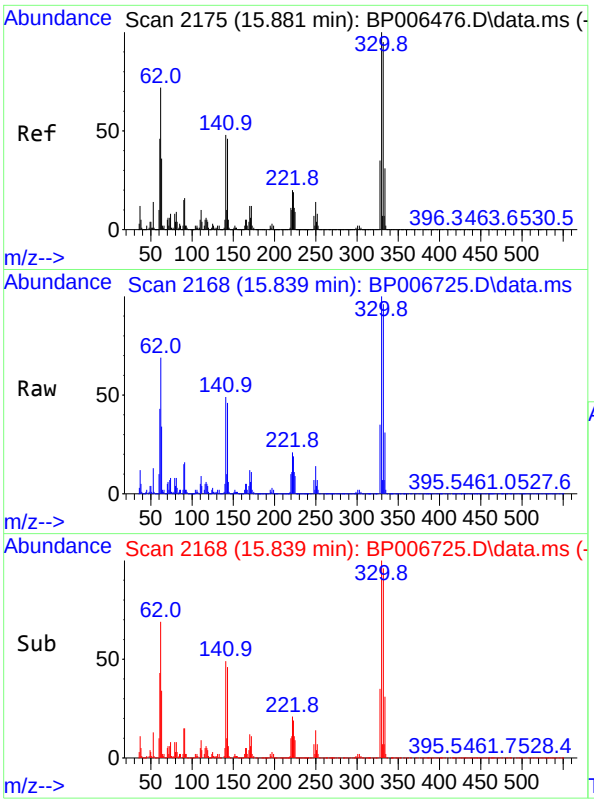
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.340 min Scan# 1913
Delta R.T. -0.006 min
Lab File: BP006725.D
Acq: 17 Aug 2021 19:12

Tgt Ion:164 Resp: 426742

Ion	Ratio	Lower	Upper
164	100		
162	104.5	80.2	120.2
160	48.3	34.5	51.7



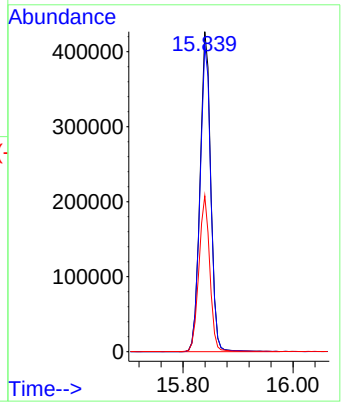
Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-F06031

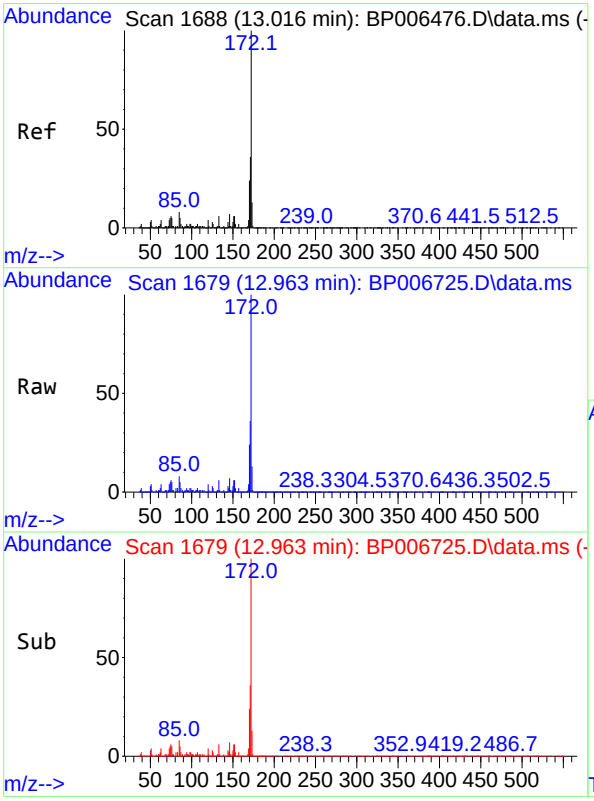


#42
2,4,6-Tribromophenol
Concen: 129.504 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP006725.D
Acq: 17 Aug 2021 19:12

Tgt Ion:330 Resp: 577579

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.8	116.8
141	49.5	25.4	38.2#

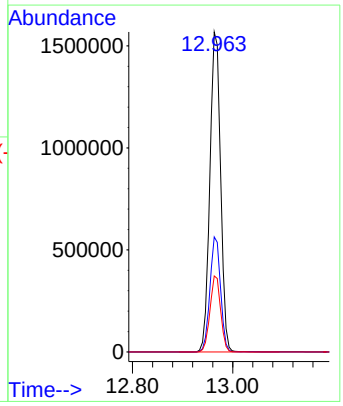




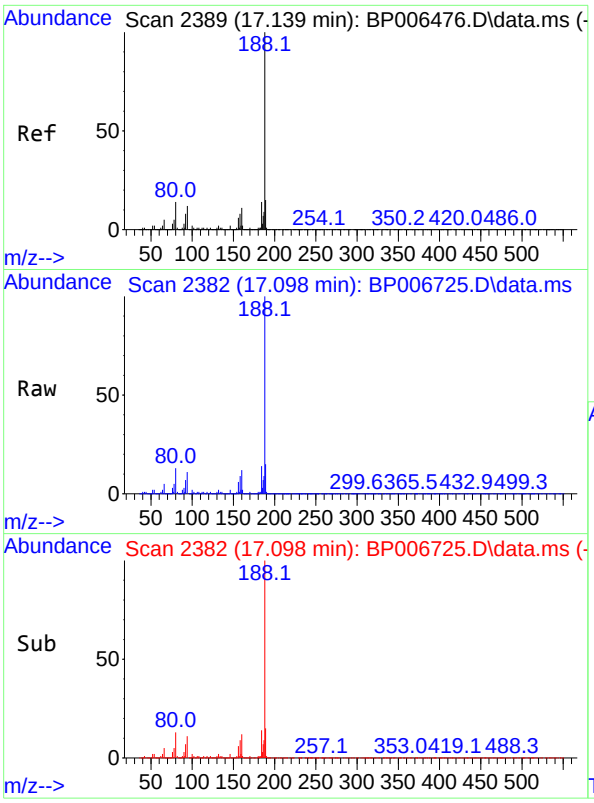
#45
2-Fluorobiphenyl
Concen: 81.724 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP006725.D
Acq: 17 Aug 2021 19:12

Tgt Ion:172 Resp: 2331032

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.9	41.9
170	23.7	18.6	27.8



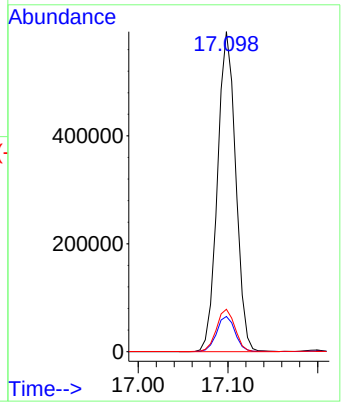
Instrument :
BNA_P
ClientSampleId :
FRAC-TANK-F06031

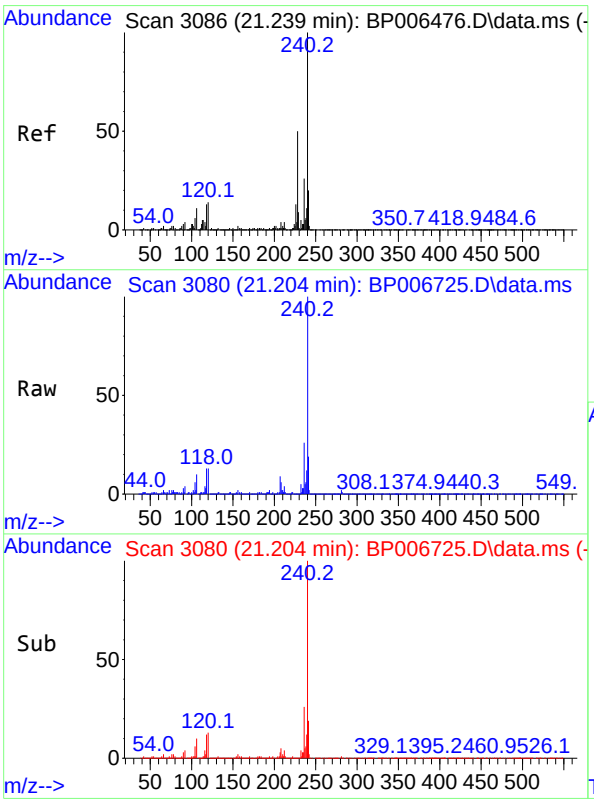


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP006725.D
Acq: 17 Aug 2021 19:12

Tgt Ion:188 Resp: 836307

Ion	Ratio	Lower	Upper
188	100		
94	11.0	5.6	8.4#
80	13.3	6.3	9.5#

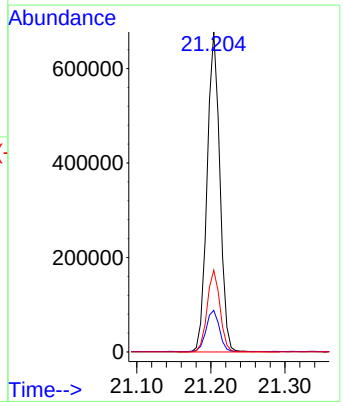


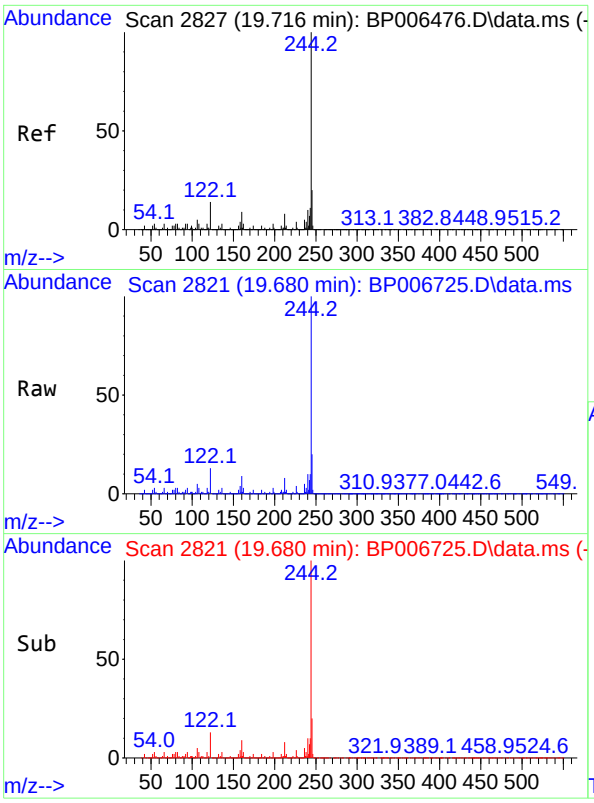


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP006725.D
Acq: 17 Aug 2021 19:12

Tgt Ion:240 Resp: 808096

Ion	Ratio	Lower	Upper
240	100		
120	13.0	6.5	9.7#
236	25.6	20.6	31.0

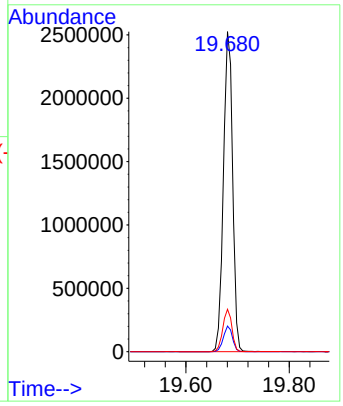




#79
Terphenyl-d14
Concen: 77.050 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP006725.D
Acq: 17 Aug 2021 19:12

Tgt Ion:244 Resp: 3107328

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	13.3	7.1	10.7#



Instrument :
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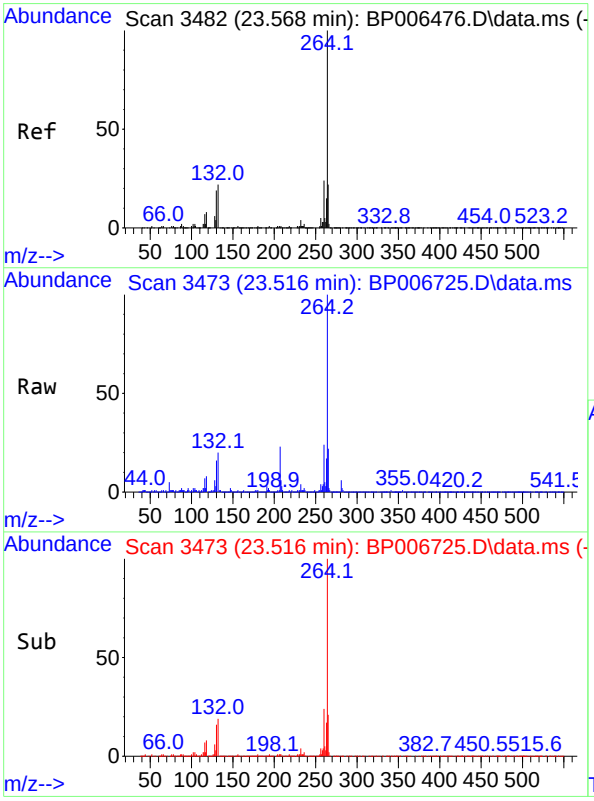

#86
Perylene-d12
Concen: 20.000 ng
RT: 23.516 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BP006725.D
Acq: 17 Aug 2021 19:12

Tgt Ion:264 Resp: 848121

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.6	17.6	26.4