Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101620\
Data File : BP003638.D
Acq On : 16 Oct 2020 12:35
Operator : CG/JU
Sample : PB132396TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB132396TB

Quant Time: Oct 16 13:36:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 16 12:46:19 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.540	152	90020	20.00	ng	0.00
21) Naphthalene-d8	11.387	136	348880	20.00	ng	# 0.00
39) Acenaphthene-d10	15.134	164	262660	20.00	ng	-0.02
64) Phenanthrene-d10	17.851	188	649732	20.00	ng	-0.01
76) Chrysene-d12	21.857	240	735448	20.00	ng	#-0.02
86) Perylene-d12	24.427	264	722164	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.034	112	738346	141.01	ng	0.00
7) Phenol-d6	7.681	99	1000575	131.18	ng	0.00
23) Nitrobenzene-d5	9.705	82	716483	95.22	ng	0.00
42) 2,4,6-Tribromophenol	16.610	330	582195	166.25	ng	0.00
45) 2-Fluorobiphenyl	13.769	172	1762161	88.02	ng	0.00
79) Terphenyl-d14	20.316	244	3511811	86.39	ng	-0.02
Target Compounds						Qvalue

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

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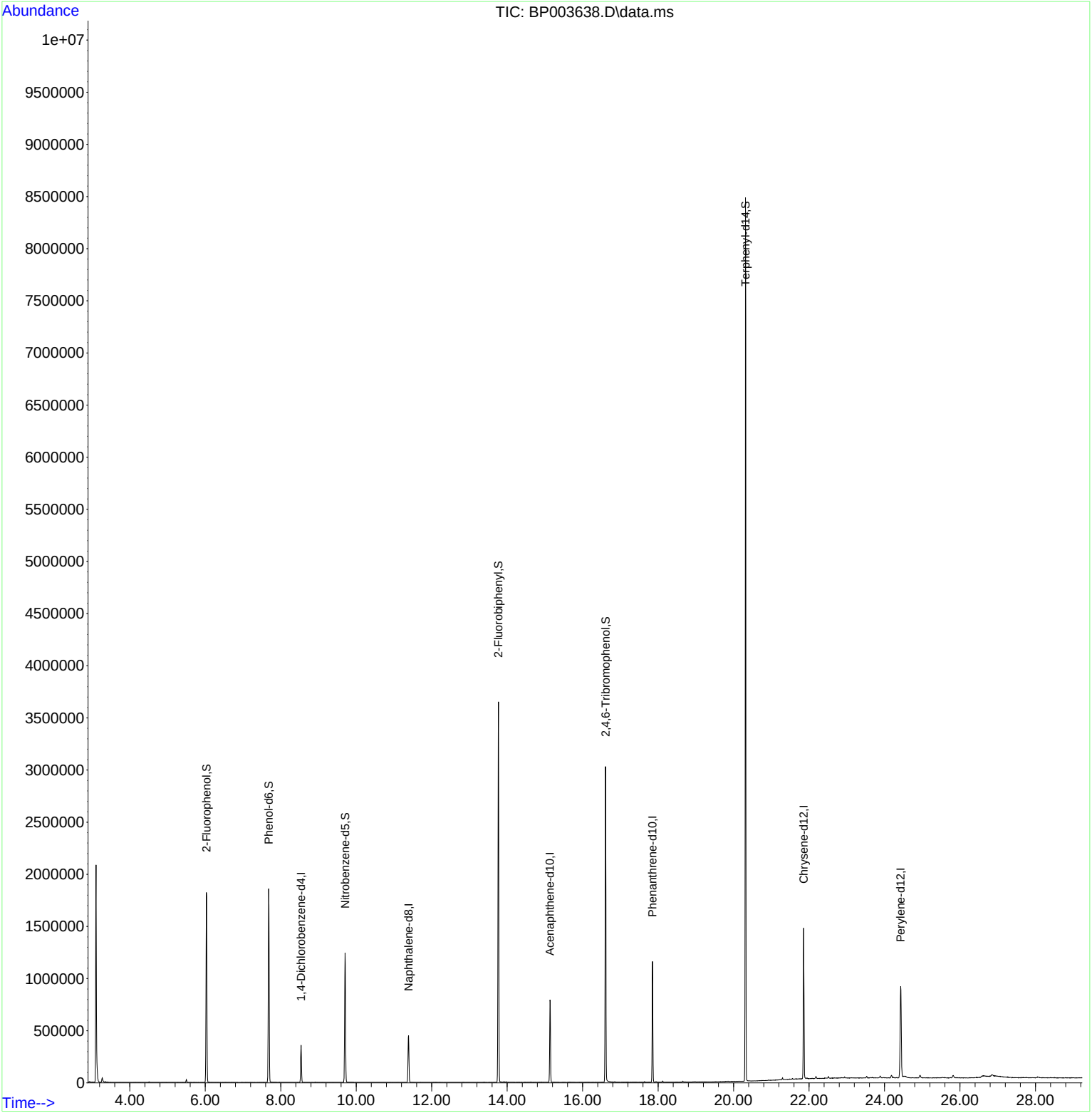

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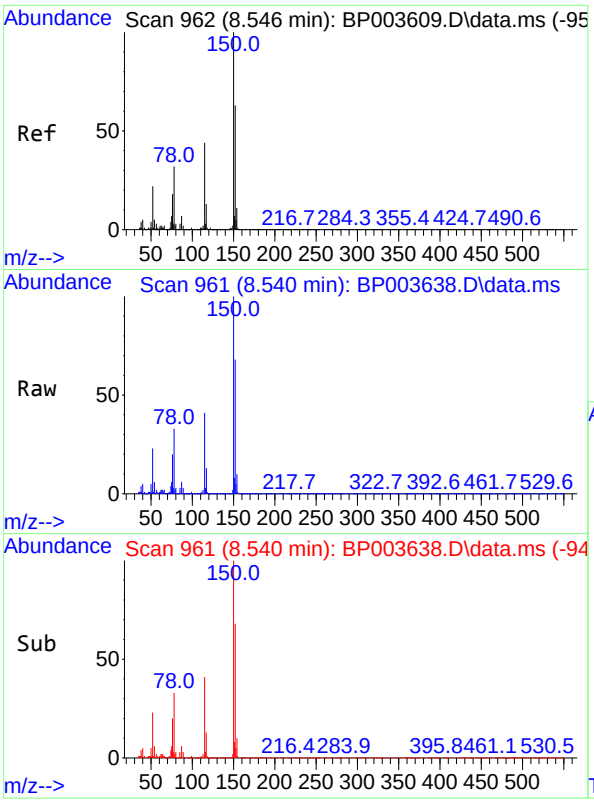
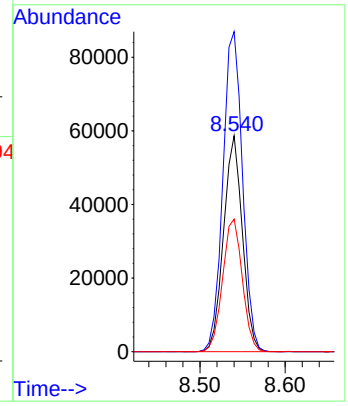
BNA_P
ClientSampleId :
PB132396TB

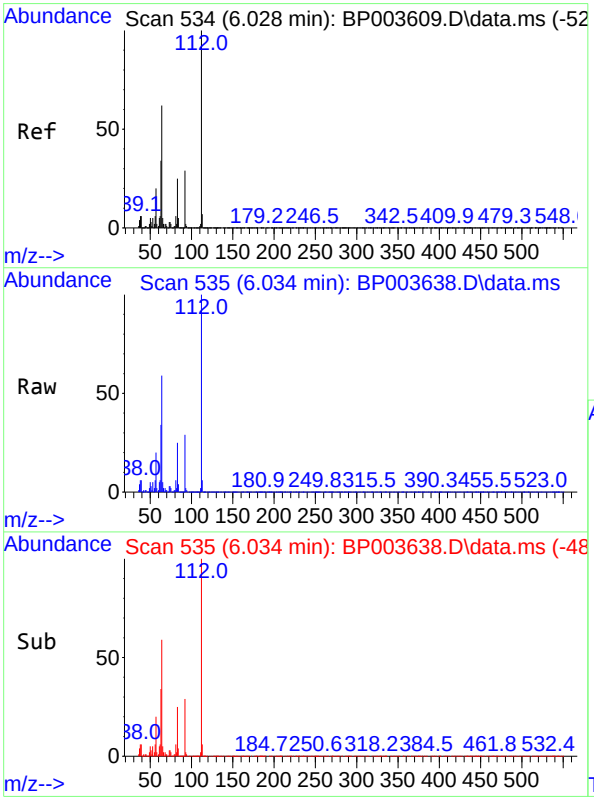


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.540 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP003638.D
Acq: 16 Oct 2020 12:35

Tgt Ion:152 Resp: 90020

Ion	Ratio	Lower	Upper
152	100		
150	148.1	123.8	185.6
115	61.4	43.8	65.6

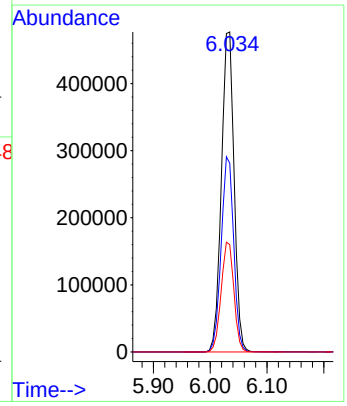




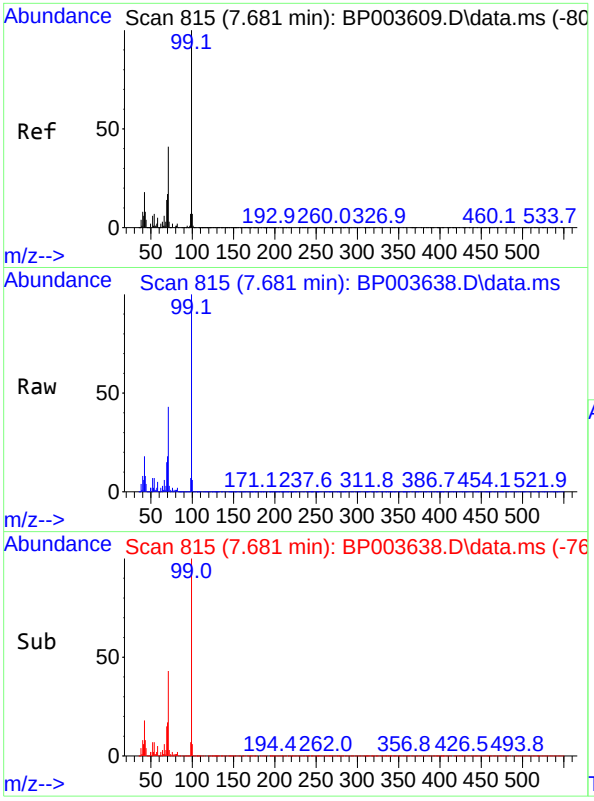
#5
2-Fluorophenol
Concen: 141.01 ng
RT: 6.034 min Scan# 535
Delta R.T. 0.006 min
Lab File: BP003638.D
Acq: 16 Oct 2020 12:35

Tgt Ion:112 Resp: 738346

Ion	Ratio	Lower	Upper
112	100		
64	58.9	32.8	49.2#
63	33.5	17.0	25.4#



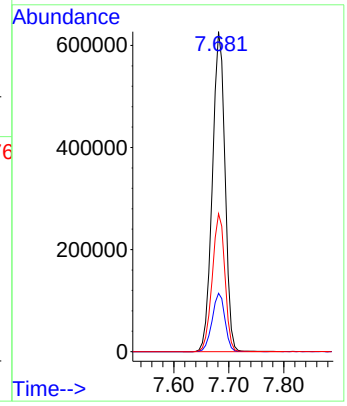
Instrument :
BNA_P
ClientSampleId :
PB132396TB

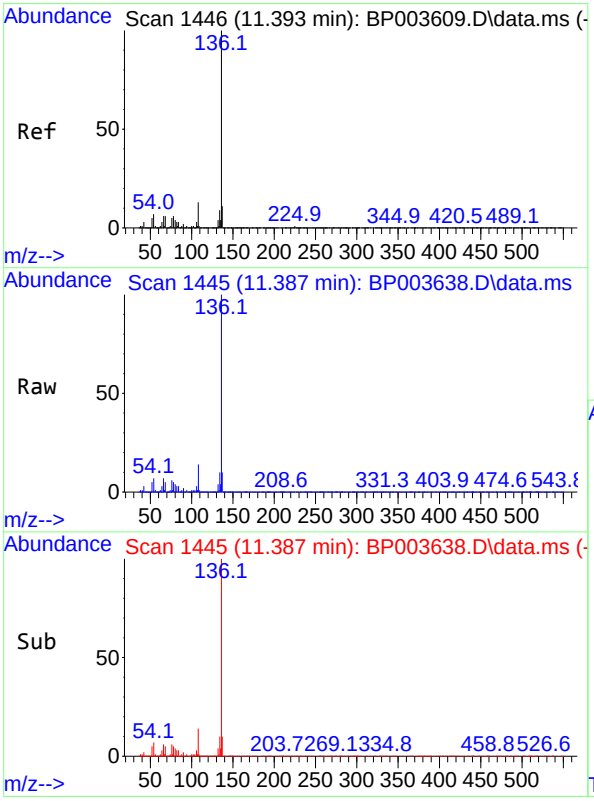


#7
Phenol-d6
Concen: 131.18 ng
RT: 7.681 min Scan# 815
Delta R.T. 0.000 min
Lab File: BP003638.D
Acq: 16 Oct 2020 12:35

Tgt Ion: 99 Resp: 1000575

Ion	Ratio	Lower	Upper
99	100		
42	18.2	8.6	13.0#
71	43.1	23.4	35.2#

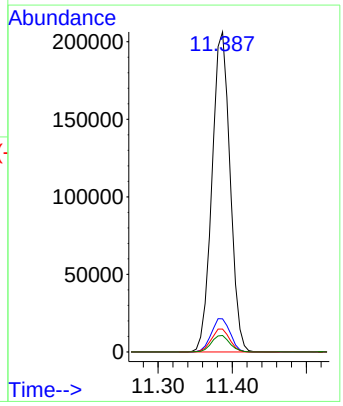




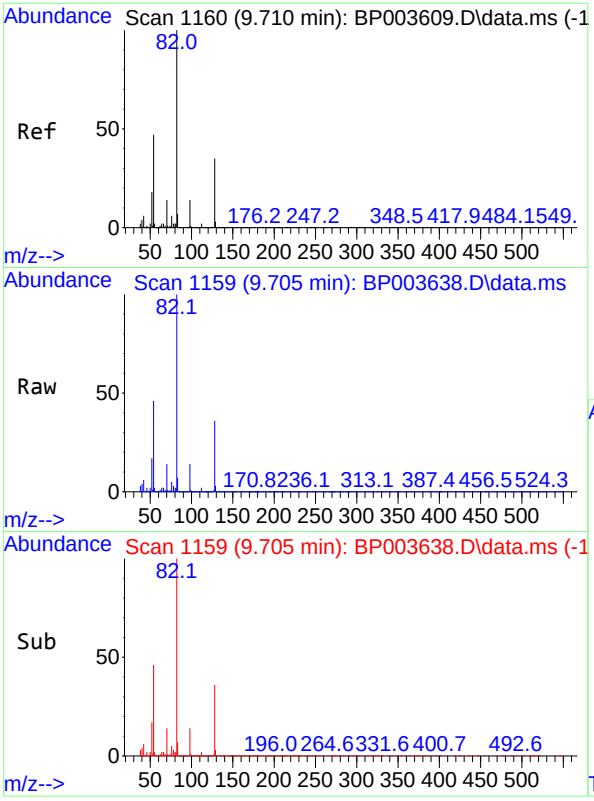
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.387 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BP003638.D
Acq: 16 Oct 2020 12:35

Tgt Ion:136 Resp: 348880

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	7.2	3.6	5.4#
68	5.1	3.3	4.9#



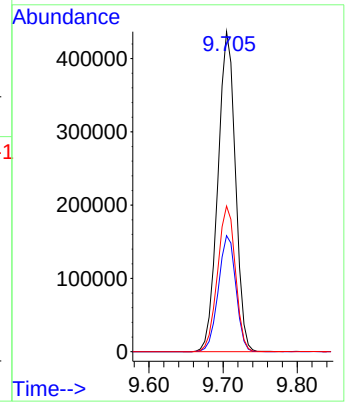
Instrument :
BNA_P
ClientSampleId :
PB132396TB

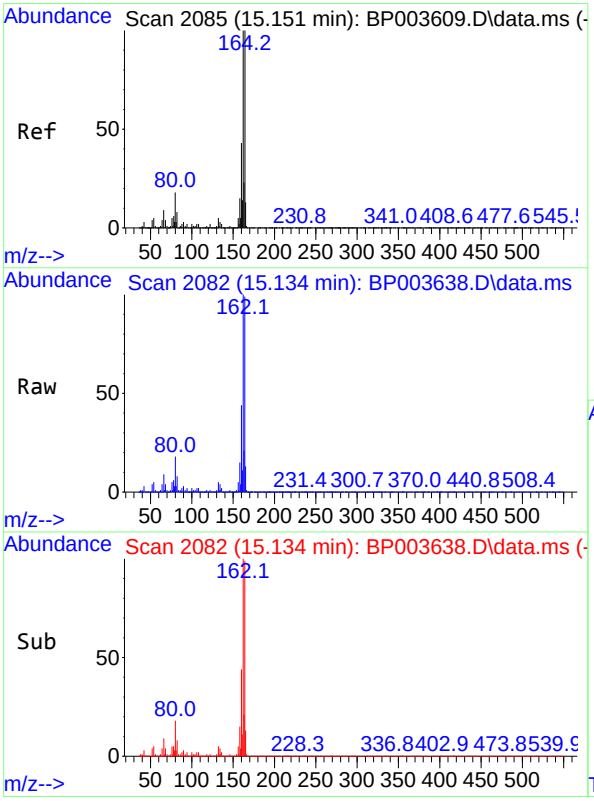


#23
Nitrobenzene-d5
Concen: 95.22 ng
RT: 9.705 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP003638.D
Acq: 16 Oct 2020 12:35

Tgt Ion: 82 Resp: 716483

Ion	Ratio	Lower	Upper
82	100		
128	36.3	45.6	68.4#
54	45.5	30.1	45.1#

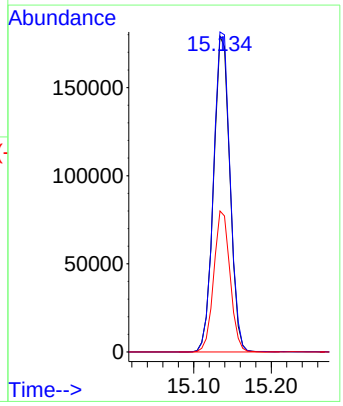




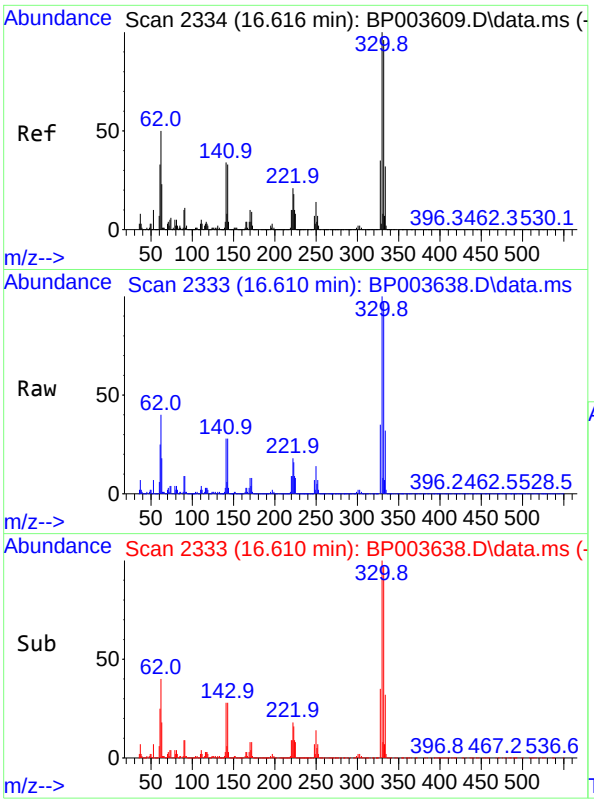
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.134 min Scan# 2082
Delta R.T. -0.017 min
Lab File: BP003638.D
Acq: 16 Oct 2020 12:35

Tgt Ion:164 Resp: 262660

Ion	Ratio	Lower	Upper
164	100		
162	101.4	79.4	119.2
160	44.7	36.1	54.1



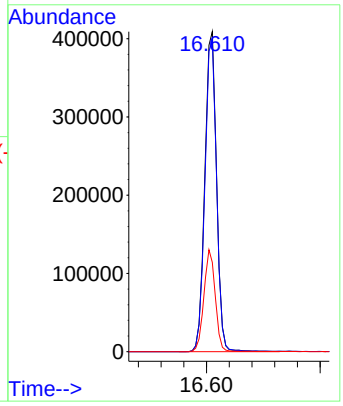
Instrument :
BNA_P
ClientSampleId :
PB132396TB

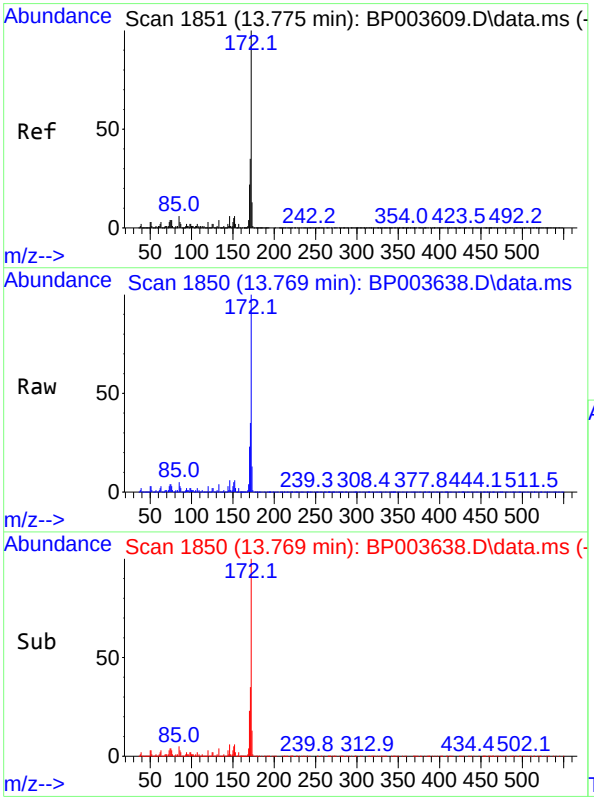


#42
2,4,6-Tribromophenol
Concen: 166.25 ng
RT: 16.610 min Scan# 2333
Delta R.T. -0.006 min
Lab File: BP003638.D
Acq: 16 Oct 2020 12:35

Tgt Ion:330 Resp: 582195

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	31.0	23.4	35.2

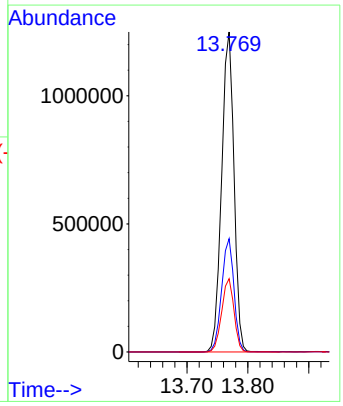




#45
2-Fluorobiphenyl
Concen: 88.02 ng
RT: 13.769 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BP003638.D
Acq: 16 Oct 2020 12:35

Tgt Ion:172 Resp: 1762161

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	22.9	19.2	28.8



Instrument :
BNA_P
ClientSampleId :
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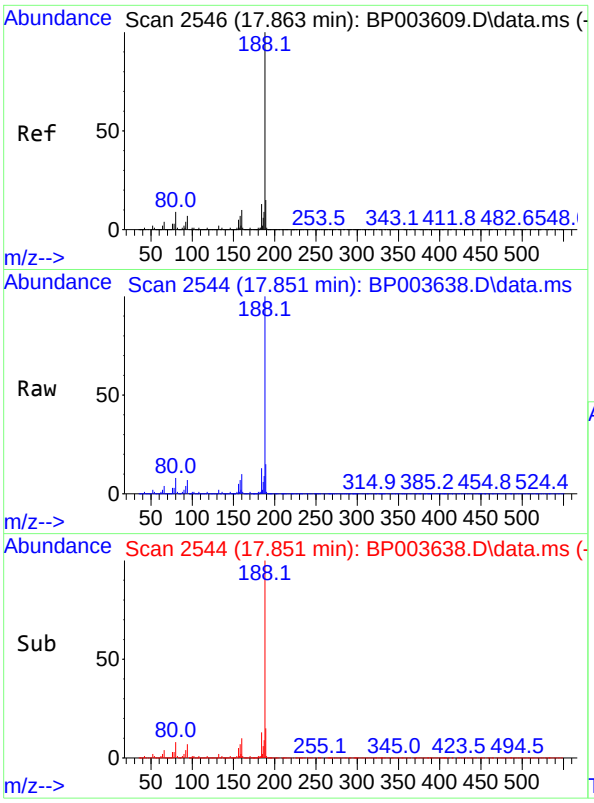
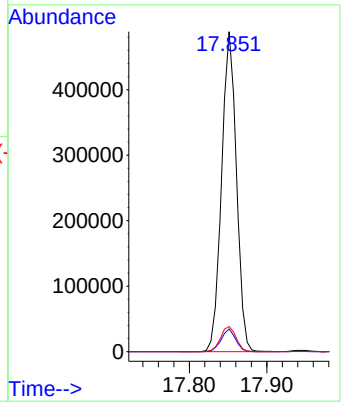
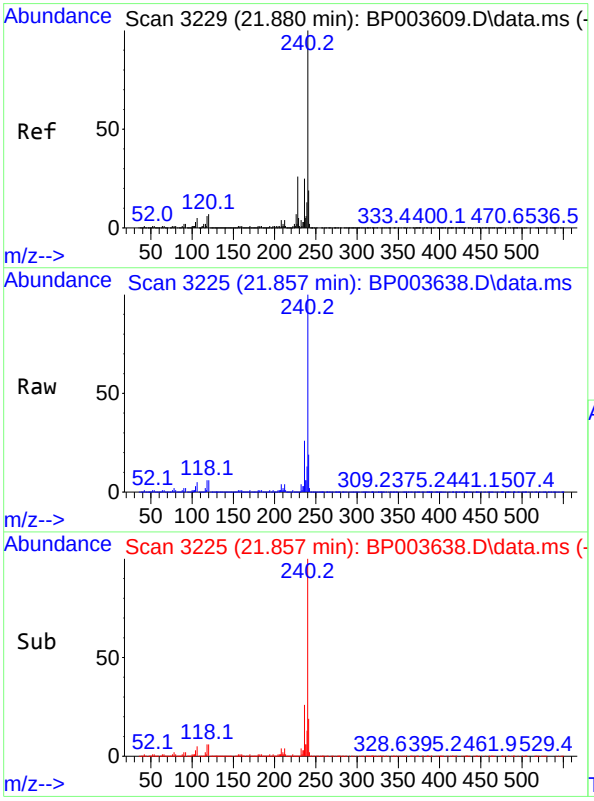


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.851 min Scan# 2544
Delta R.T. -0.012 min
Lab File: BP003638.D
Acq: 16 Oct 2020 12:35

Tgt Ion:188 Resp: 649732

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.2	9.2
80	7.9	6.2	9.2

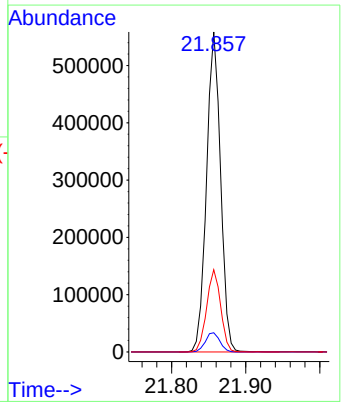


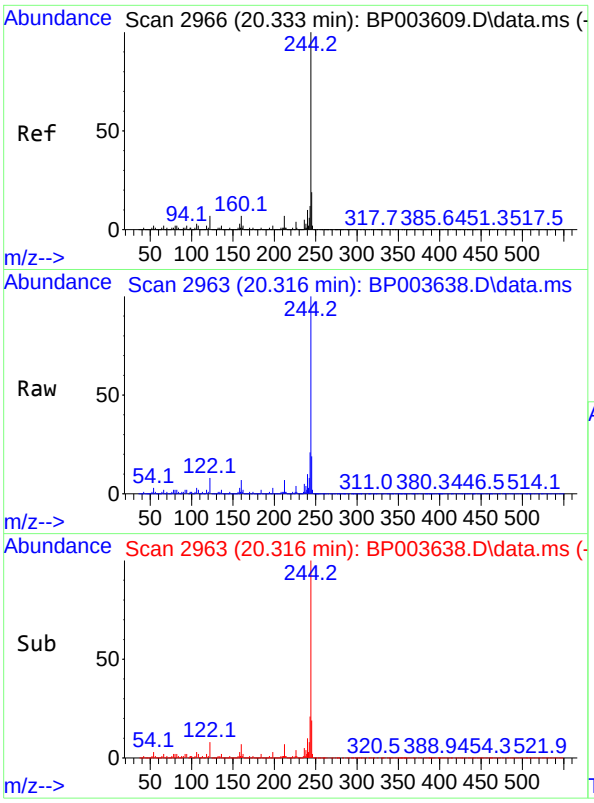


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.857 min Scan# 3225
Delta R.T. -0.023 min
Lab File: BP003638.D
Acq: 16 Oct 2020 12:35

Tgt Ion:240 Resp: 735448

Ion	Ratio	Lower	Upper
240	100		
120	6.0	7.8	11.6#
236	25.7	20.8	31.2

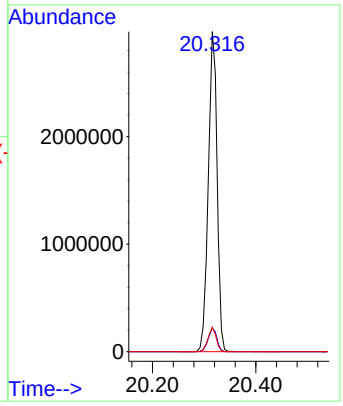




#79
Terphenyl-d14
Concen: 86.39 ng
RT: 20.316 min Scan# 2963
Delta R.T. -0.018 min
Lab File: BP003638.D
Acq: 16 Oct 2020 12:35

Tgt Ion:244 Resp: 3511811

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	7.7	7.8	11.8#



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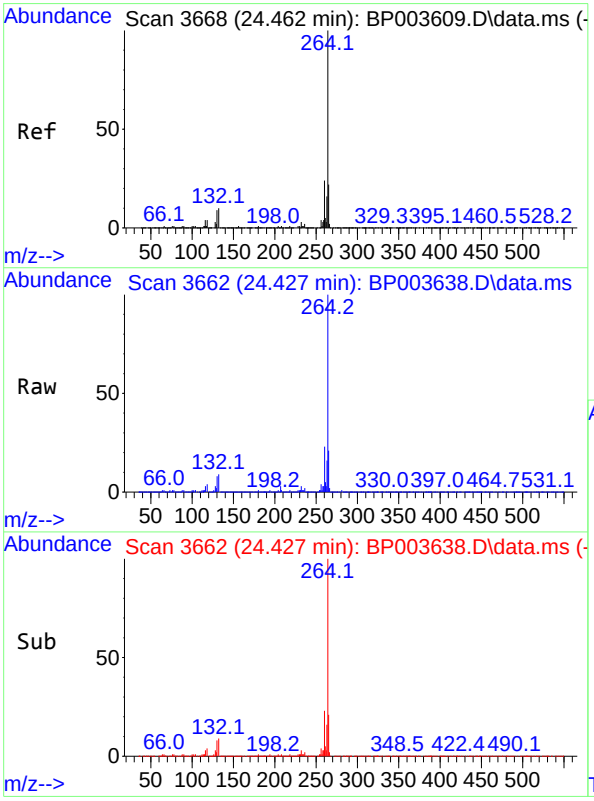

#86
Perylene-d12
Concen: 20.00 ng
RT: 24.427 min Scan# 3662
Delta R.T. -0.035 min
Lab File: BP003638.D
Acq: 16 Oct 2020 12:35

Tgt Ion:264 Resp: 722164

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.3	17.4	26.2