Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100120\
Data File : BP003439.D
Acq On : 01 Oct 2020 15:52
Operator : CG/JU
Sample : PB132022TB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB132022TB

Quant Time: Oct 01 17:49:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 10:05:32 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	78407	20.00	ng	0.00
21) Naphthalene-d8	10.310	136	314297	20.00	ng	# 0.00
39) Acenaphthene-d10	14.193	164	193472	20.00	ng	0.00
64) Phenanthrene-d10	16.951	188	442791	20.00	ng	# 0.00
76) Chrysene-d12	21.051	240	507629	20.00	ng	-0.01
86) Perylene-d12	23.239	264	522588	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.146	112	650562	144.88	ng	0.00
7) Phenol-d6	6.734	99	815556	136.26	ng	0.00
23) Nitrobenzene-d5	8.681	82	544625	101.80	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	308756	104.63	ng	0.00
45) 2-Fluorobiphenyl	12.804	172	1159647	87.66	ng	0.00
79) Terphenyl-d14	19.528	244	1919293	78.78	ng	0.00
Target Compounds						Qvalue

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

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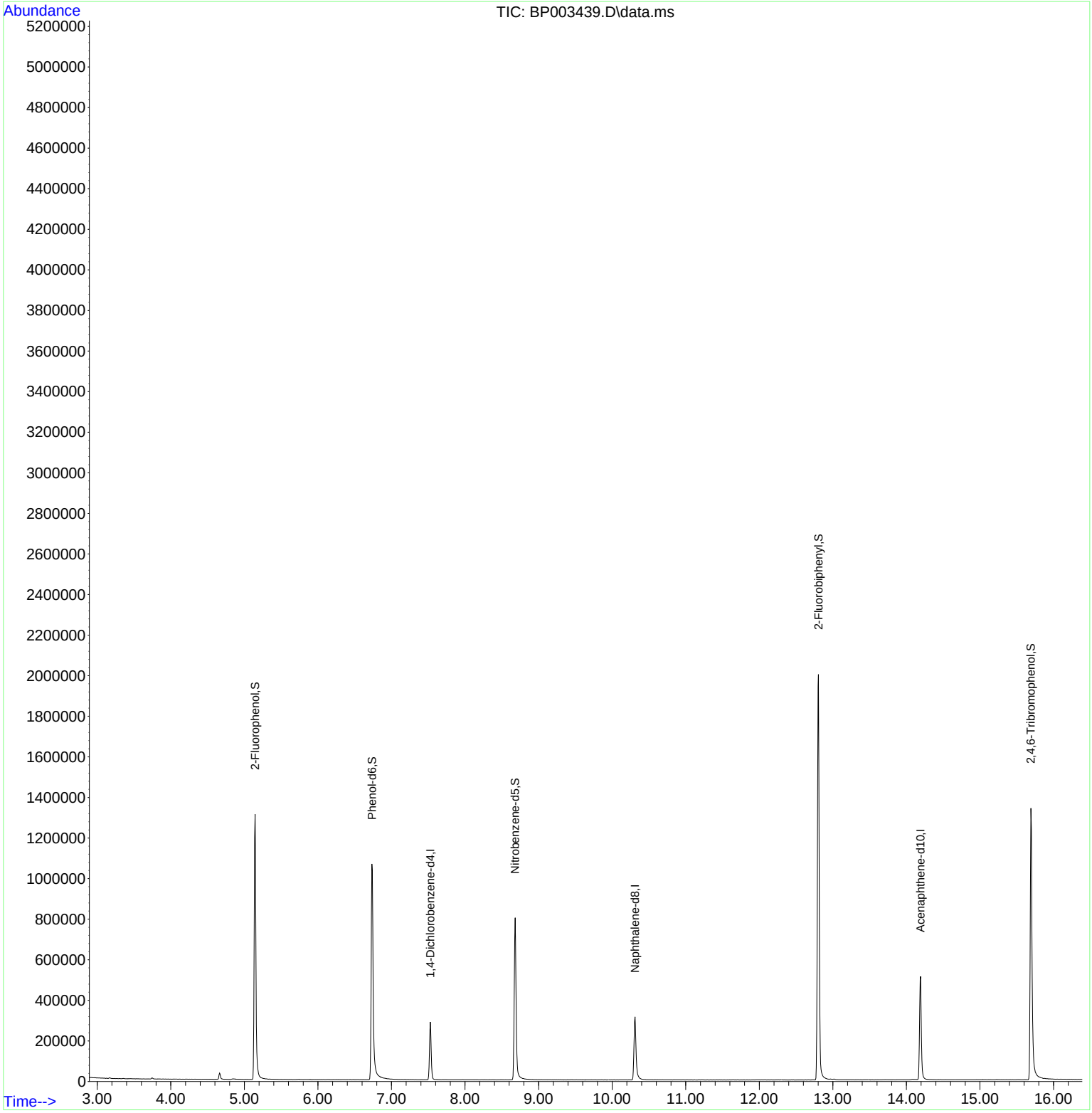

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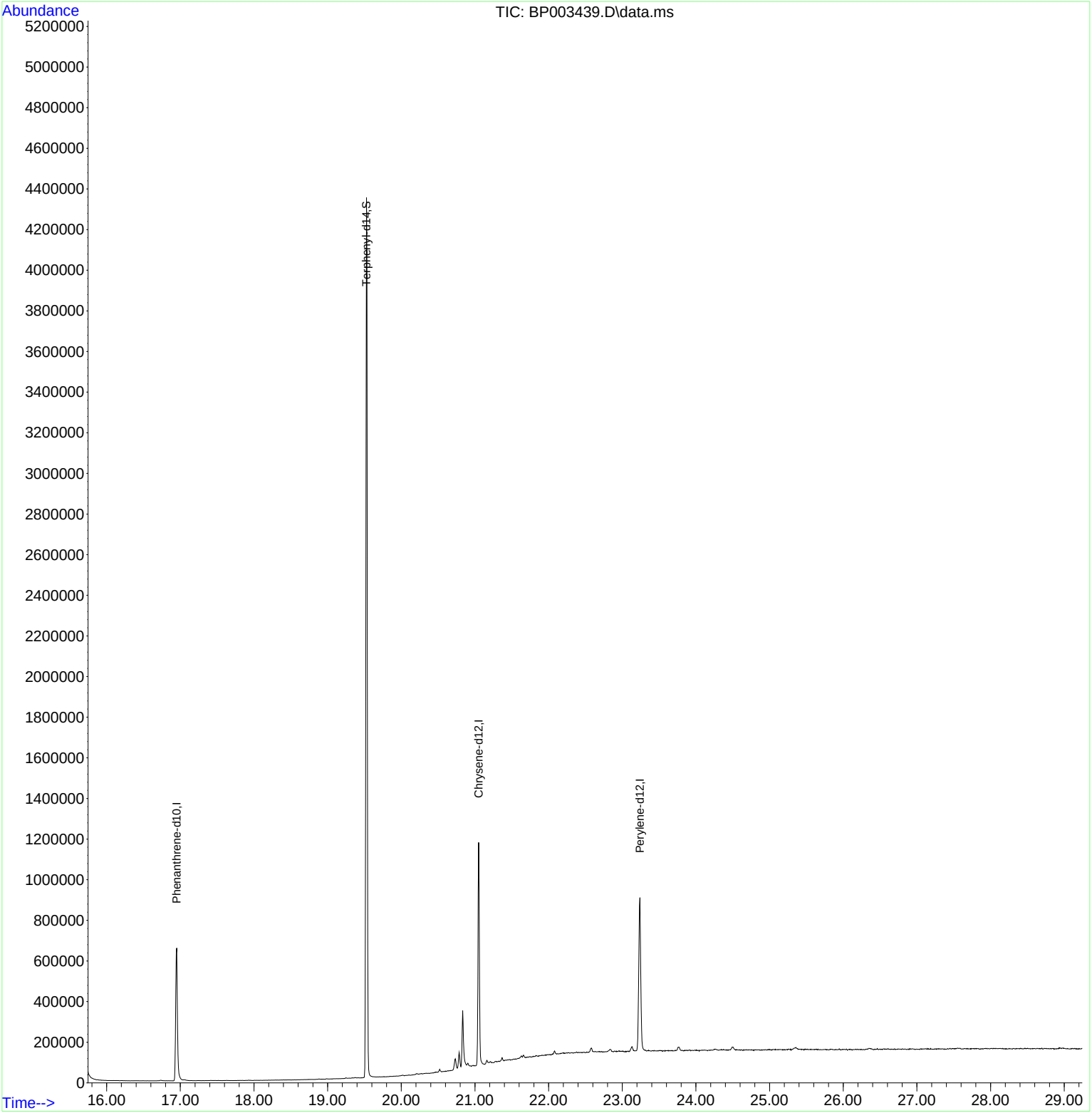
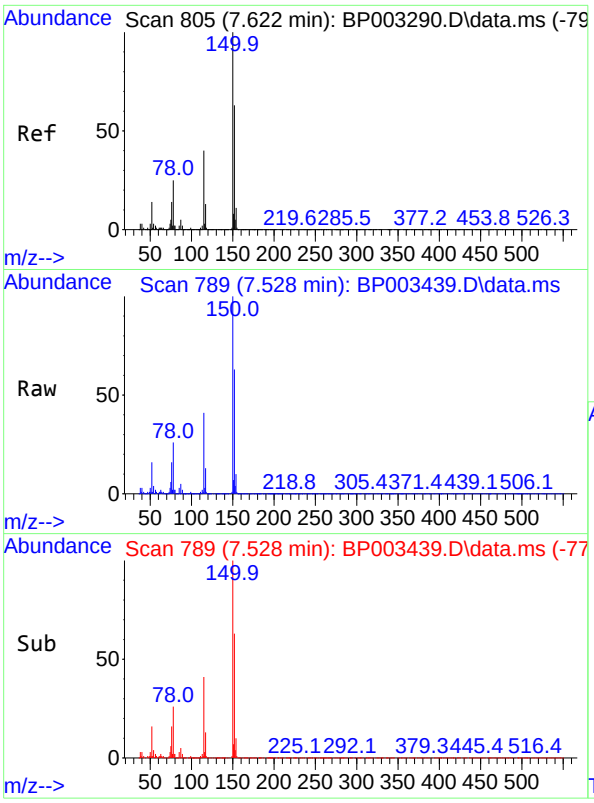


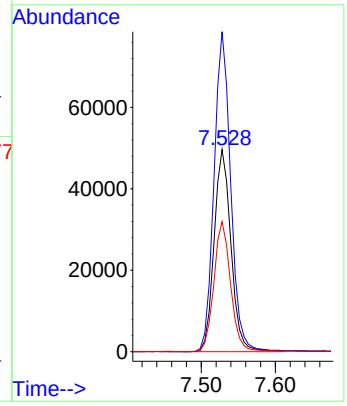
Instrument :
BNA_P
ClientSampleId :
PB132022TB

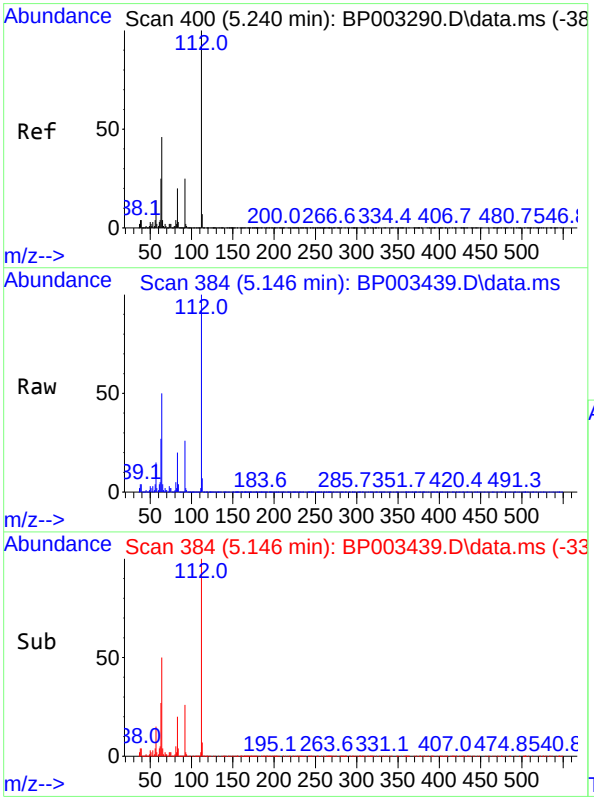


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.528 min Scan# 789
Delta R.T. -0.006 min
Lab File: BP003439.D
Acq: 01 Oct 2020 15:52

Tgt Ion:152 Resp: 78407

Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.8	185.6
115	64.3	43.8	65.6

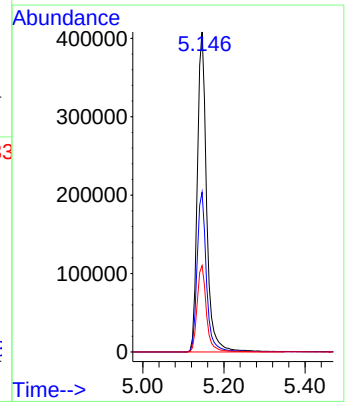




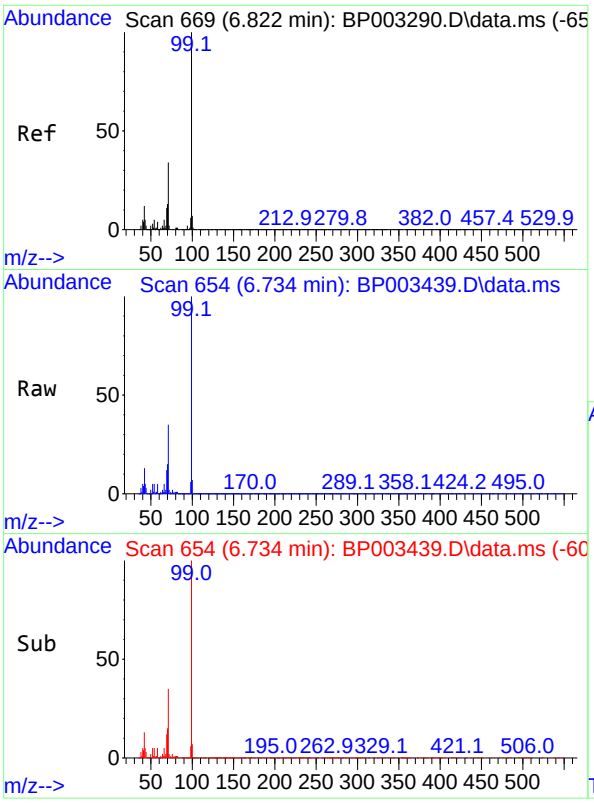
#5
2-Fluorophenol
Concen: 144.88 ng
RT: 5.146 min Scan# 384
Delta R.T. -0.006 min
Lab File: BP003439.D
Acq: 01 Oct 2020 15:52

Tgt Ion:112 Resp: 650562

Ion	Ratio	Lower	Upper
112	100		
64	49.9	32.8	49.2#
63	27.0	17.0	25.4#



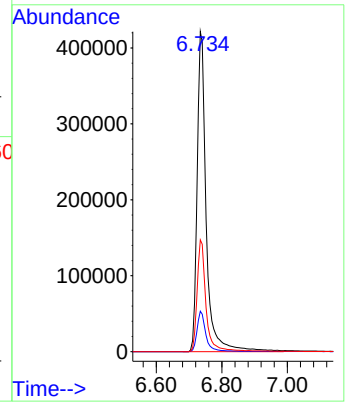
Instrument :
BNA_P
ClientSampleId :
PB132022TB

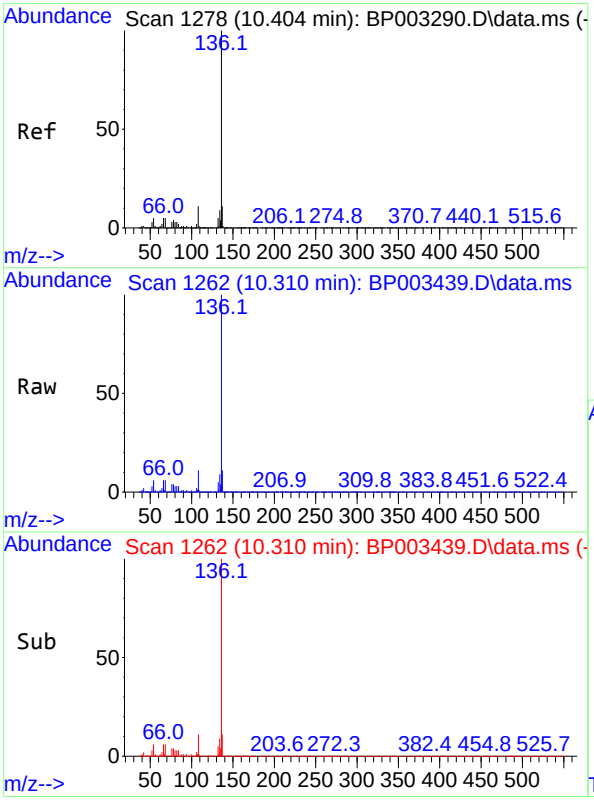


#7
Phenol-d6
Concen: 136.26 ng
RT: 6.734 min Scan# 654
Delta R.T. -0.006 min
Lab File: BP003439.D
Acq: 01 Oct 2020 15:52

Tgt Ion: 99 Resp: 815556

Ion	Ratio	Lower	Upper
99	100		
42	12.6	8.6	13.0
71	34.9	23.4	35.2

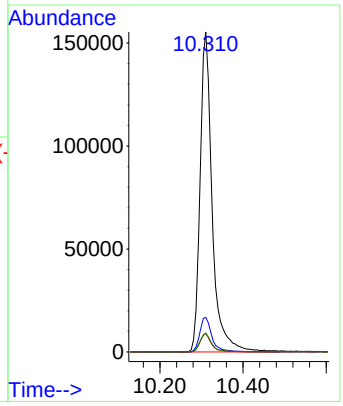




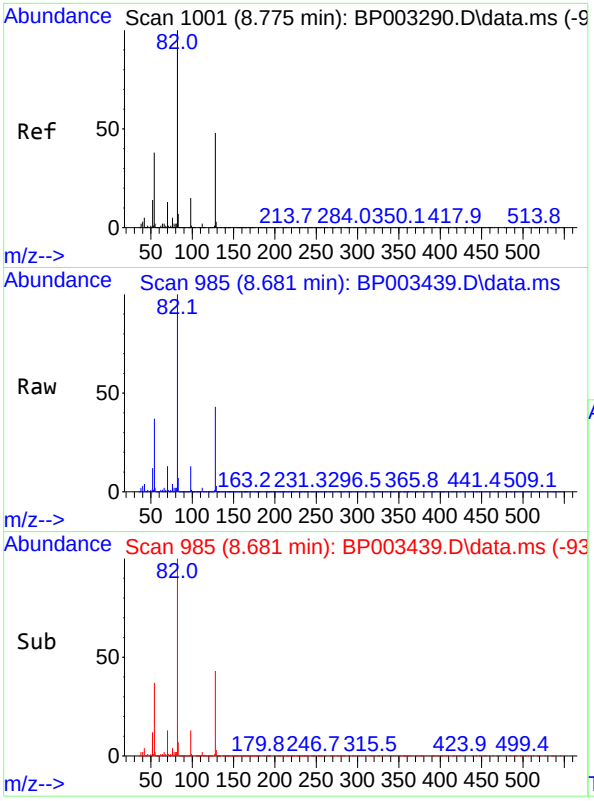
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.310 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BP003439.D
Acq: 01 Oct 2020 15:52

Tgt Ion:136 Resp: 314297

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	5.8	3.6	5.4#
68	5.9	3.3	4.9#



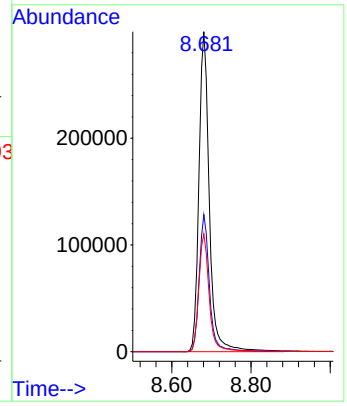
Instrument :
BNA_P
ClientSampleId :
PB132022TB

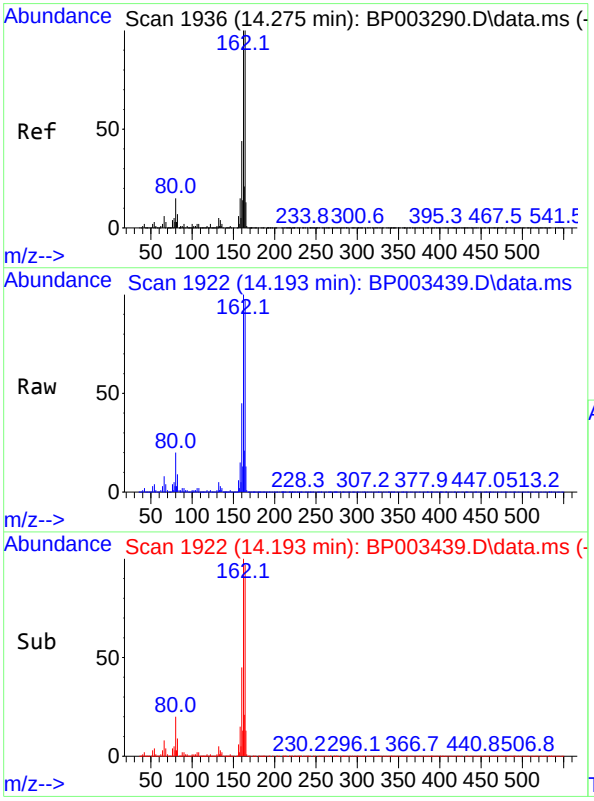


#23
Nitrobenzene-d5
Concen: 101.80 ng
RT: 8.681 min Scan# 985
Delta R.T. -0.006 min
Lab File: BP003439.D
Acq: 01 Oct 2020 15:52

Tgt Ion: 82 Resp: 544625

Ion	Ratio	Lower	Upper
82	100		
128	42.8	45.6	68.4#
54	36.8	30.1	45.1

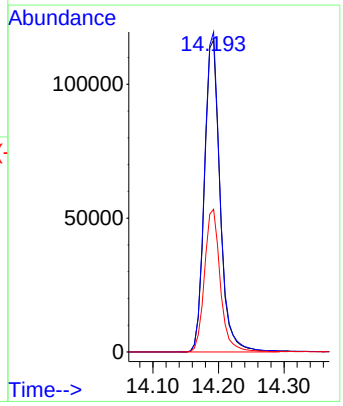




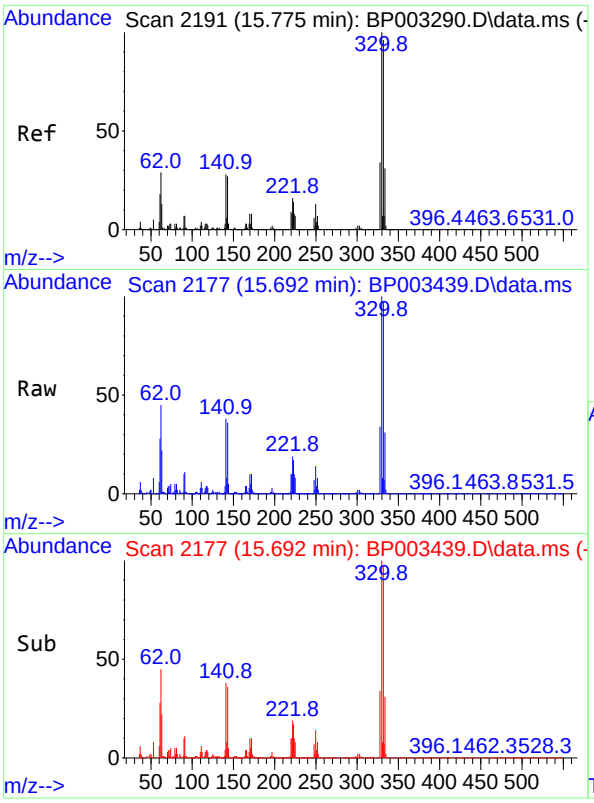
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.193 min Scan# 1922
Delta R.T. -0.000 min
Lab File: BP003439.D
Acq: 01 Oct 2020 15:52

Tgt Ion:164 Resp: 193472

Ion	Ratio	Lower	Upper
164	100		
162	102.6	79.4	119.2
160	45.8	36.1	54.1



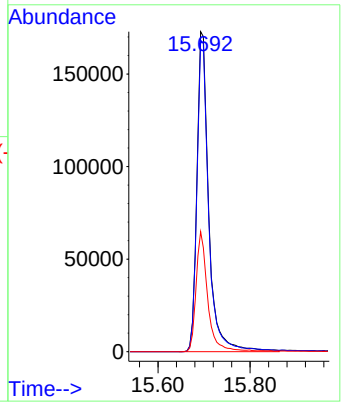
Instrument :
BNA_P
ClientSampleId :
PB132022TB

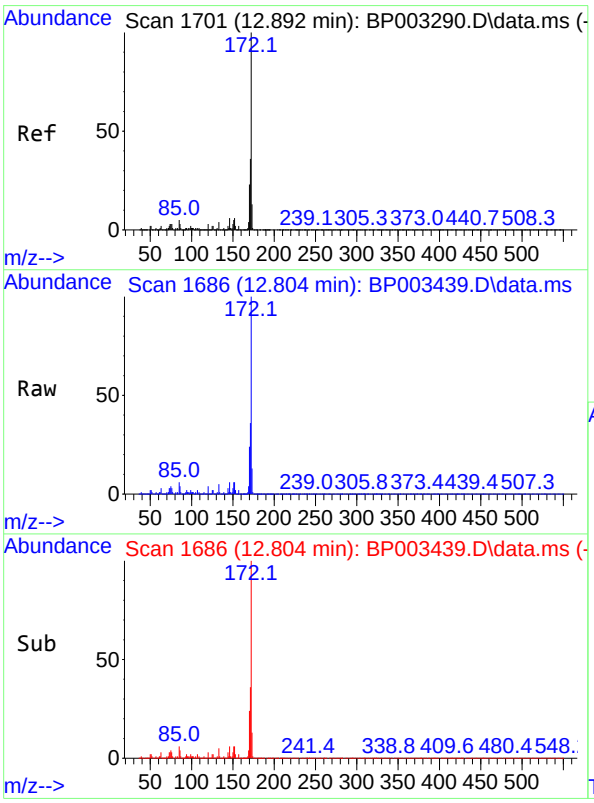


#42
2,4,6-Tribromophenol
Concen: 104.63 ng
RT: 15.692 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BP003439.D
Acq: 01 Oct 2020 15:52

Tgt Ion:330 Resp: 308756

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	37.0	23.4	35.2#

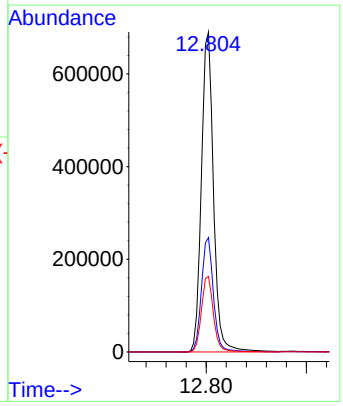




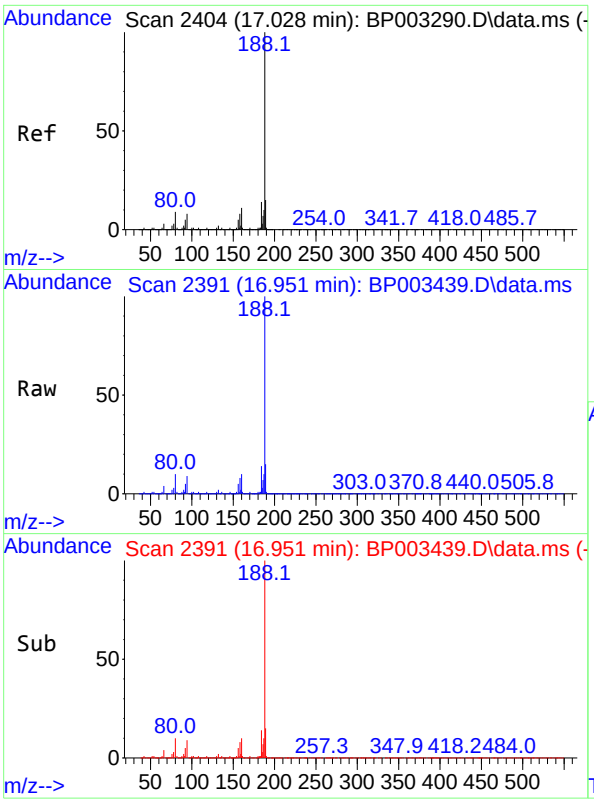
#45
2-Fluorobiphenyl
Concen: 87.66 ng
RT: 12.804 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BP003439.D
Acq: 01 Oct 2020 15:52

Tgt Ion:172 Resp: 1159647

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.5	42.7
170	23.6	19.2	28.8



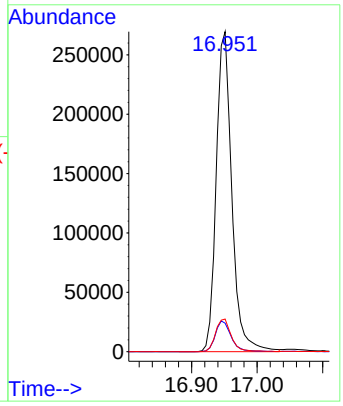
Instrument :
BNA_P
ClientSampleId :
PB132022TB

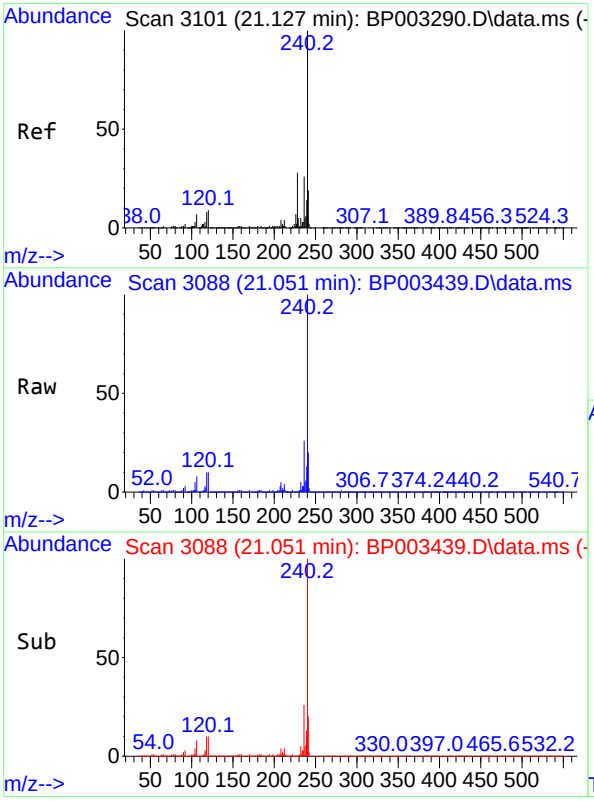


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.951 min Scan# 2391
Delta R.T. 0.006 min
Lab File: BP003439.D
Acq: 01 Oct 2020 15:52

Tgt Ion:188 Resp: 442791

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.2	9.2
80	10.2	6.2	9.2#

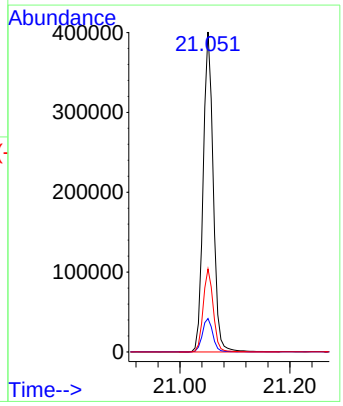




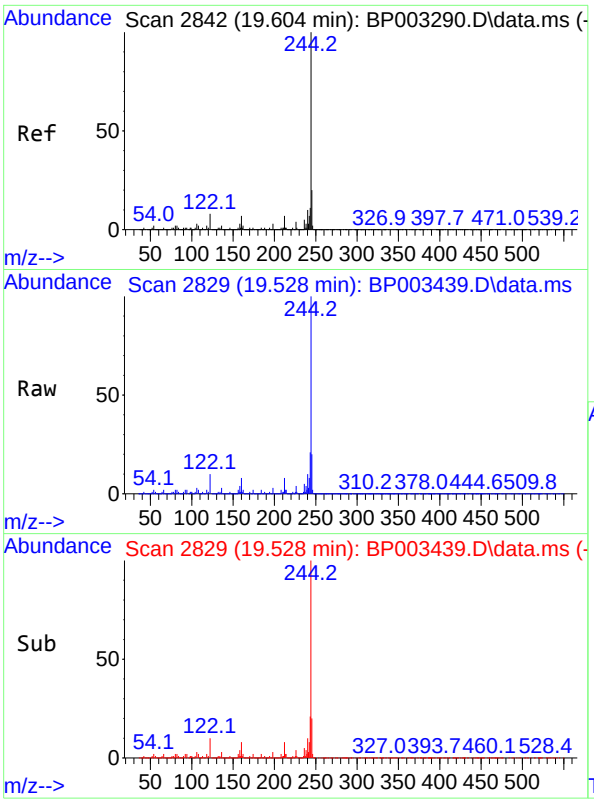
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.051 min Scan# 3088
Delta R.T. -0.012 min
Lab File: BP003439.D
Acq: 01 Oct 2020 15:52

Tgt Ion:240 Resp: 507629

Ion	Ratio	Lower	Upper
240	100		
120	10.4	7.8	11.6
236	25.9	20.8	31.2



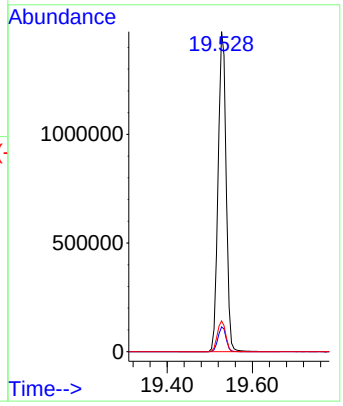
Instrument :
BNA_P
ClientSampleId :
PB132022TB

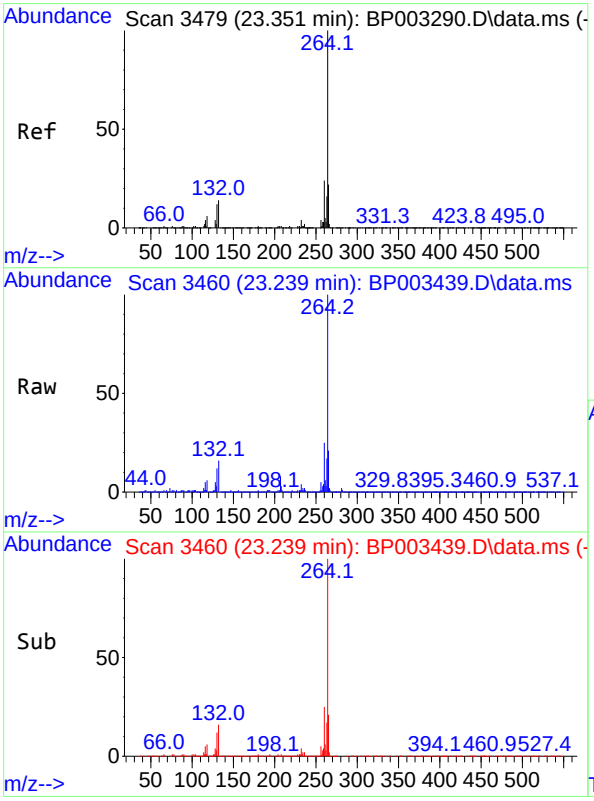


#79
Terphenyl-d14
Concen: 78.78 ng
RT: 19.528 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP003439.D
Acq: 01 Oct 2020 15:52

Tgt Ion:244 Resp: 1919293

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	9.6	7.8	11.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.239 min Scan# 3460
Delta R.T. -0.018 min
Lab File: BP003439.D
Acq: 01 Oct 2020 15:52

Tgt Ion:264 Resp: 522588

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.8	28.2
265	21.2	17.4	26.2