Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100520\
Data File : BP003492.D
Acq On : 05 Oct 2020 16:12
Operator : CG/JU
Sample : L4242-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PAV-B24-100120-10-18

Quant Time: Oct 05 17:06:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 05 14:33:14 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	92774	20.00	ng	0.00
21) Naphthalene-d8	10.275	136	366516	20.00	ng	# 0.00
39) Acenaphthene-d10	14.157	164	229572	20.00	ng	0.00
64) Phenanthrene-d10	16.916	188	502618	20.00	ng	# 0.00
76) Chrysene-d12	21.027	240	580330	20.00	ng	0.00
86) Perylene-d12	23.198	264	582043	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.116	112	680583	128.10	ng	0.00
7) Phenol-d6	6.710	99	845276	119.36	ng	0.00
23) Nitrobenzene-d5	8.652	82	708663	113.59	ng	0.00
42) 2,4,6-Tribromophenol	15.663	330	446546	127.53	ng	0.00
45) 2-Fluorobiphenyl	12.775	172	1447500	92.22	ng	0.00
79) Terphenyl-d14	19.504	244	2368899	85.05	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.693	122	30	9.16	ng	# 1
41) Hexachlorocyclopentadiene	12.281	237	6	6.84	ng	74
54) 2,4-Dinitrophenol	14.351	184	20	7.26	ng	# 26
70) Pentachlorophenol	16.533	266	19	6.78	ng	92

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

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Misc :
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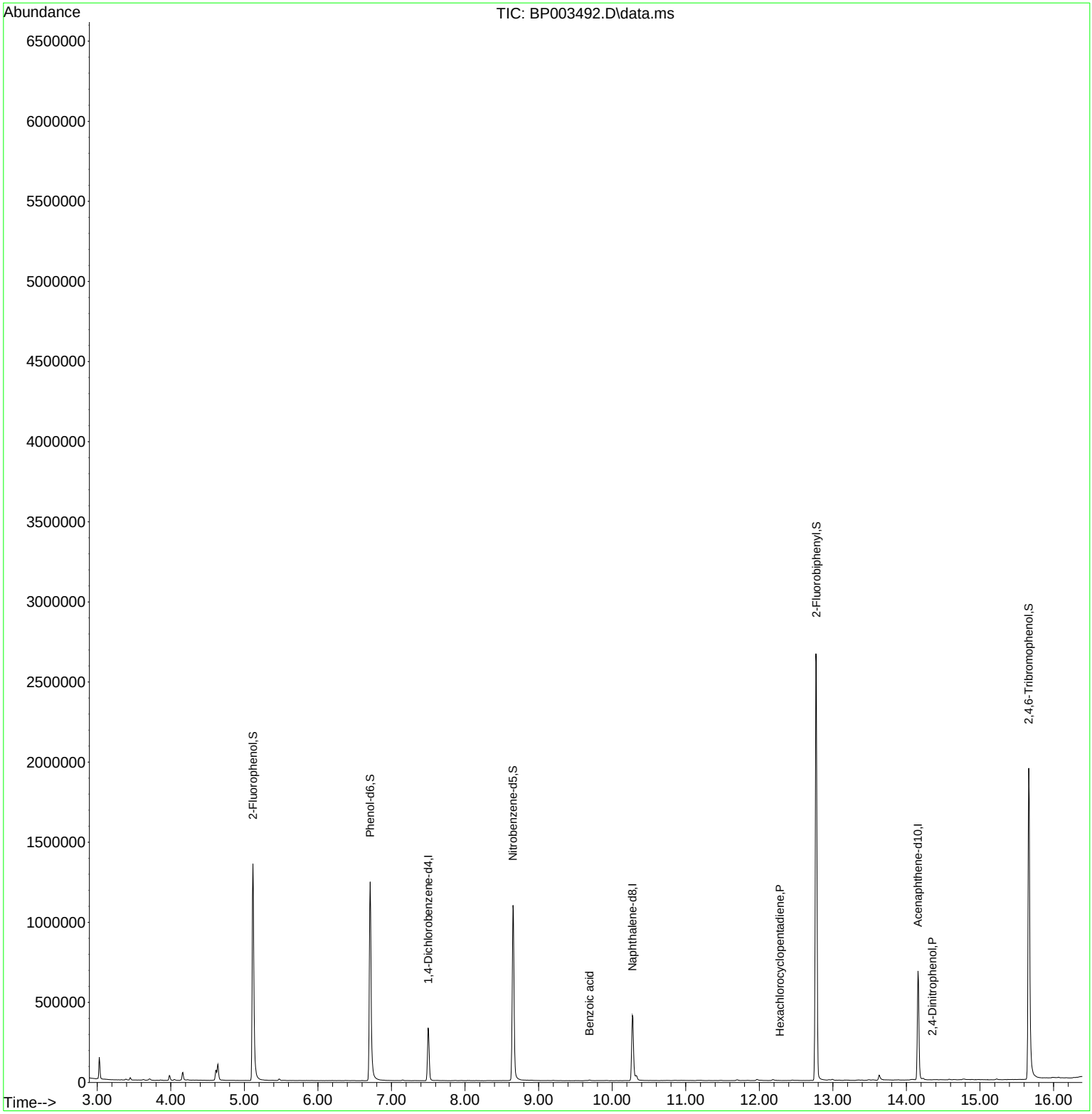

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Data File : BP003492.D
Acq On : 05 Oct 2020 16:12
Operator : CG/JU
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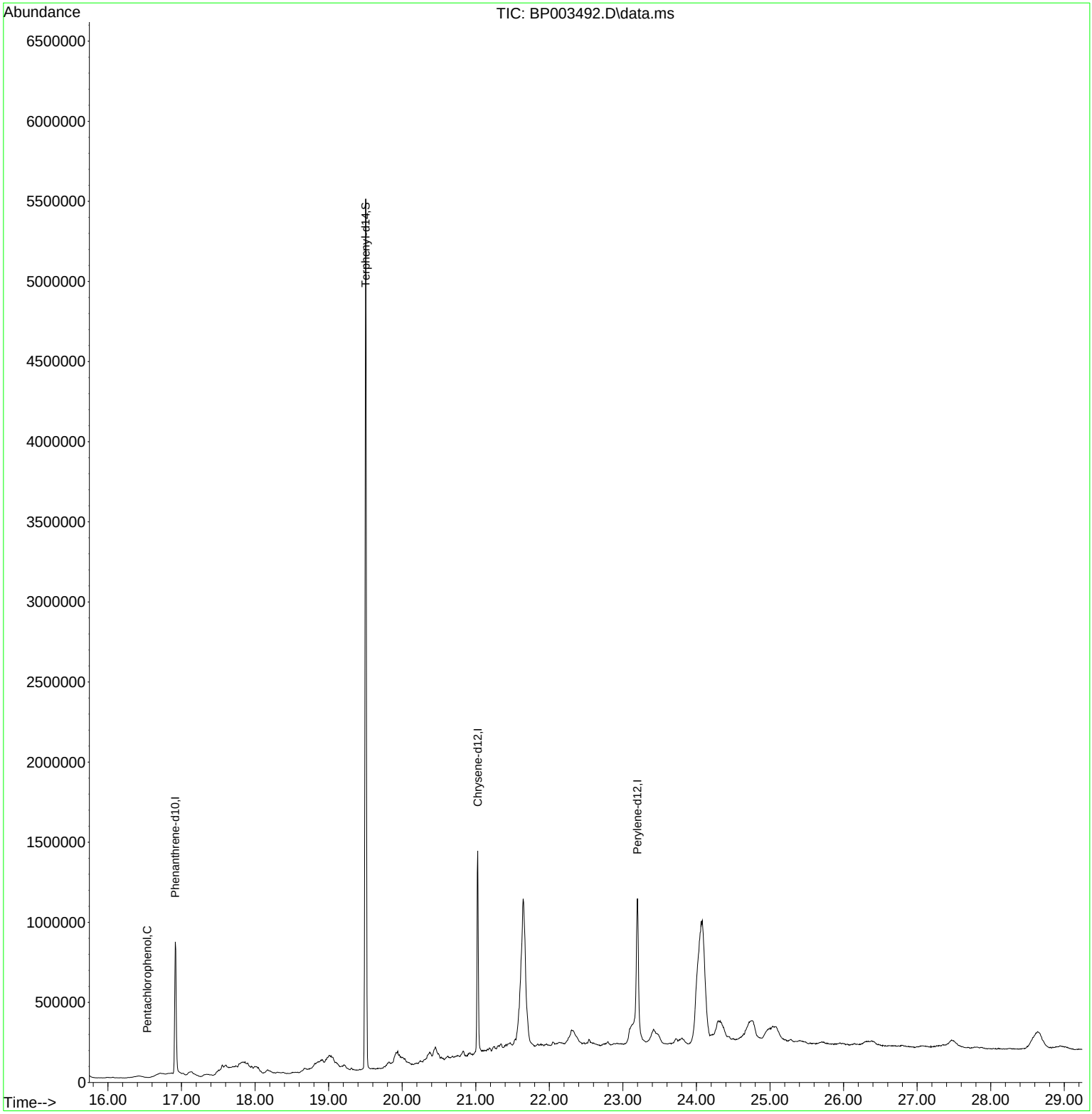
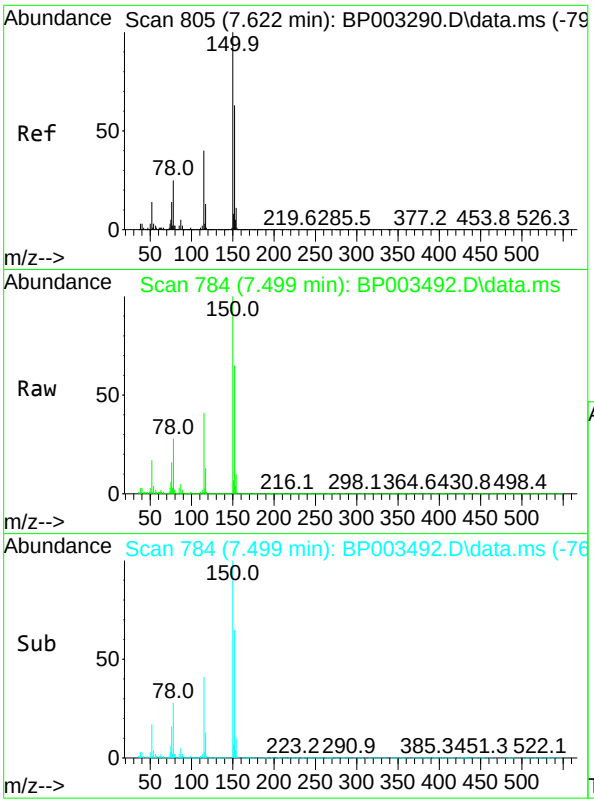


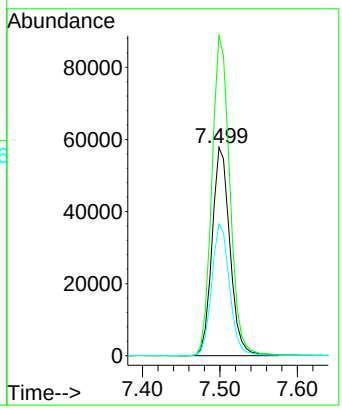
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-10-18

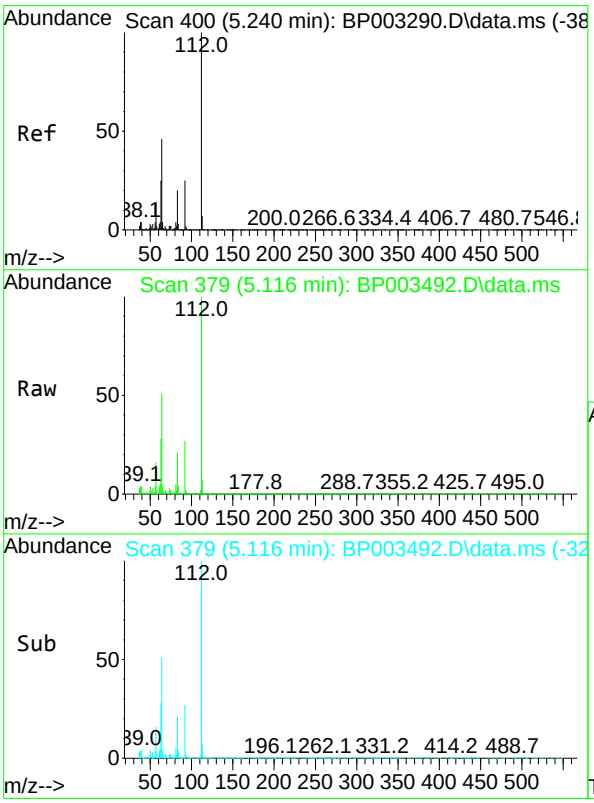


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.499 min Scan# 784
Delta R.T. 0.001 min
Lab File: BP003492.D
Acq: 05 Oct 2020 16:12

Tgt Ion:152 Resp: 92774

Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.8	185.6
115	63.3	43.8	65.6

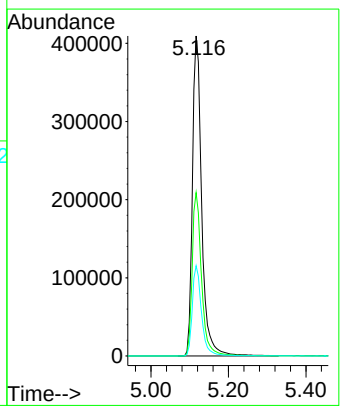


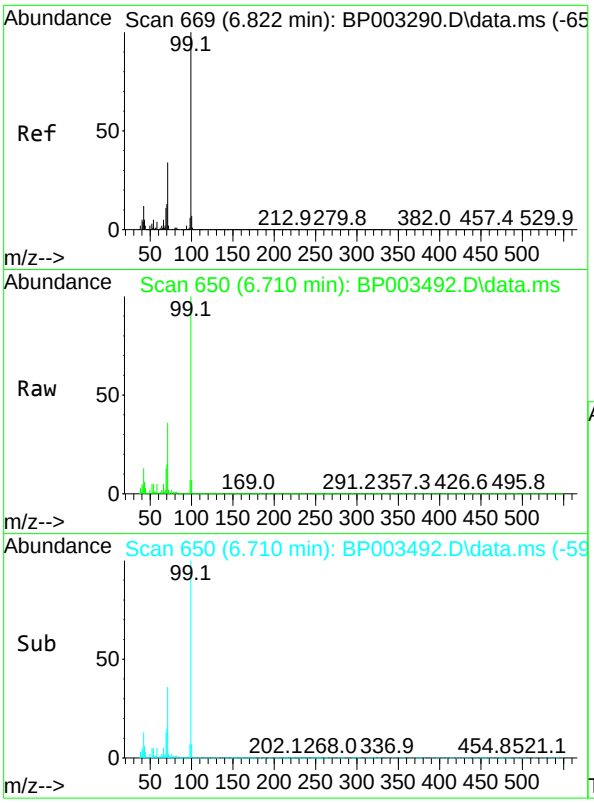


#5
2-Fluorophenol
Concen: 128.10 ng
RT: 5.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: BP003492.D
Acq: 05 Oct 2020 16:12

Tgt Ion:112 Resp: 680583

Ion	Ratio	Lower	Upper
112	100		
64	51.1	32.8	49.2#
63	28.2	17.0	25.4#

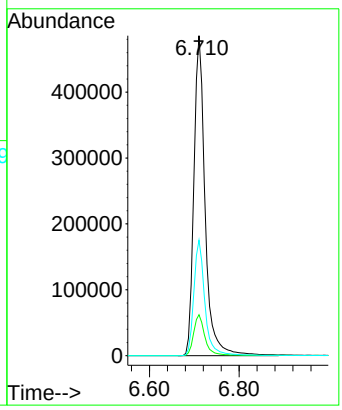




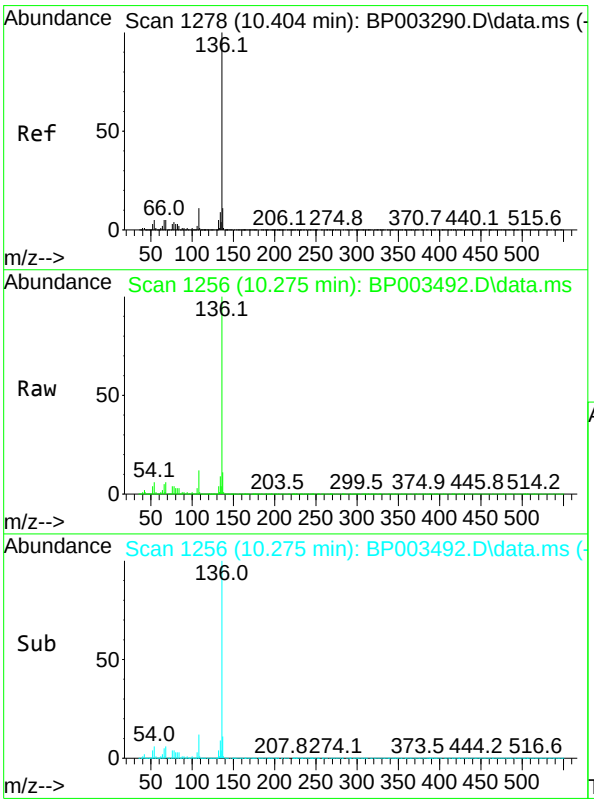
#7
Phenol-d6
Concen: 119.36 ng
RT: 6.710 min Scan# 650
Delta R.T. 0.006 min
Lab File: BP003492.D
Acq: 05 Oct 2020 16:12

Tgt Ion: 99 Resp: 845276

Ion	Ratio	Lower	Upper
99	100		
42	12.8	8.6	13.0
71	36.1	23.4	35.2#



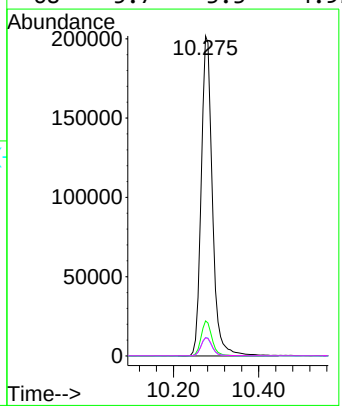
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-10-18



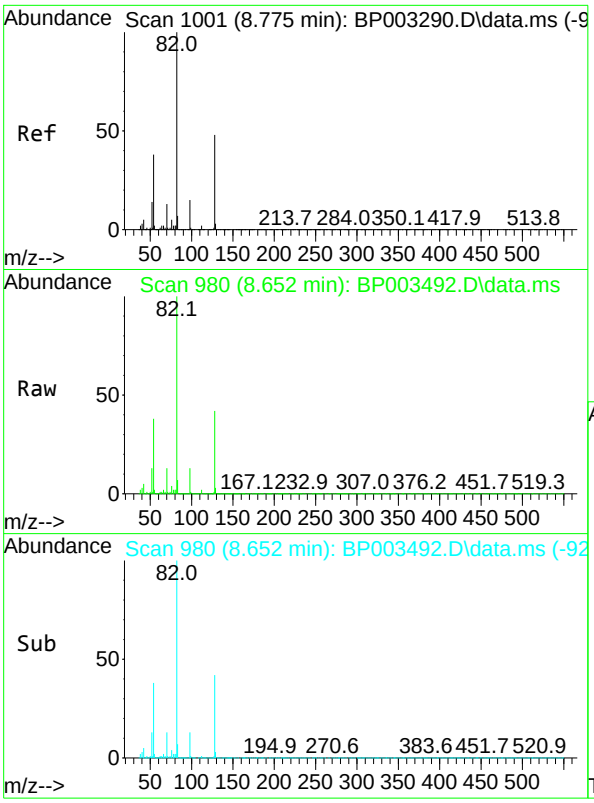
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.275 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BP003492.D
Acq: 05 Oct 2020 16:12

Tgt Ion:136 Resp: 366516

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.8	3.6	5.4#
68	5.7	3.3	4.9#



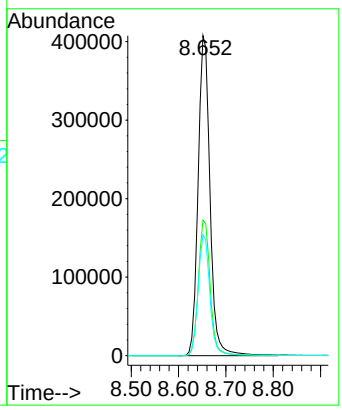
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-10-18

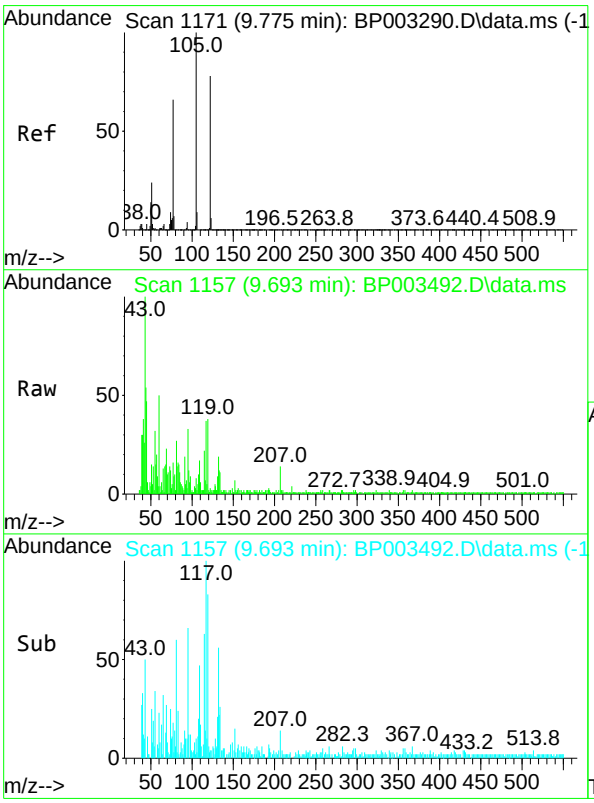


#23
Nitrobenzene-d5
Concen: 113.59 ng
RT: 8.652 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP003492.D
Acq: 05 Oct 2020 16:12

Tgt Ion: 82 Resp: 708663

Ion	Ratio	Lower	Upper
82	100		
128	42.4	45.6	68.4#
54	37.8	30.1	45.1

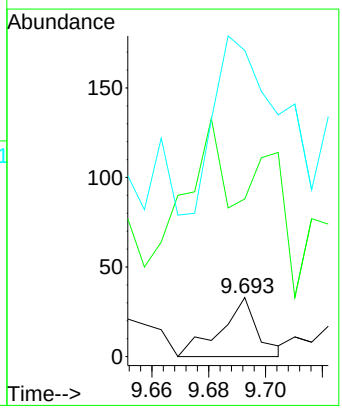


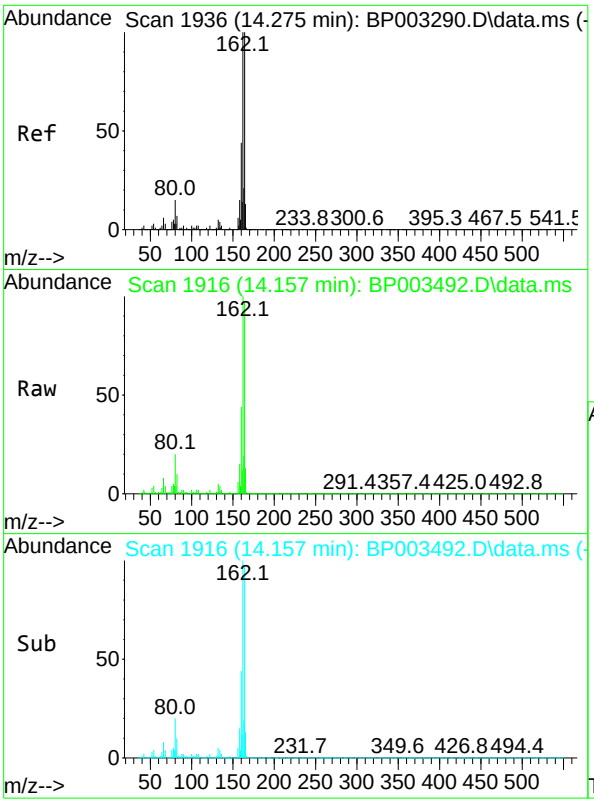


#32
Benzoic acid
Concen: 9.16 ng
RT: 9.693 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BP003492.D
Acq: 05 Oct 2020 16:12

Tgt Ion:122 Resp: 30

Ion	Ratio	Lower	Upper
122	100		
105	266.7	94.1	134.1#
77	518.2	50.1	90.1#

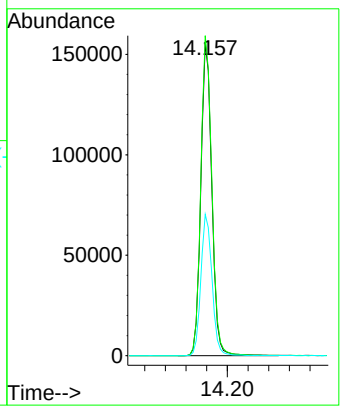




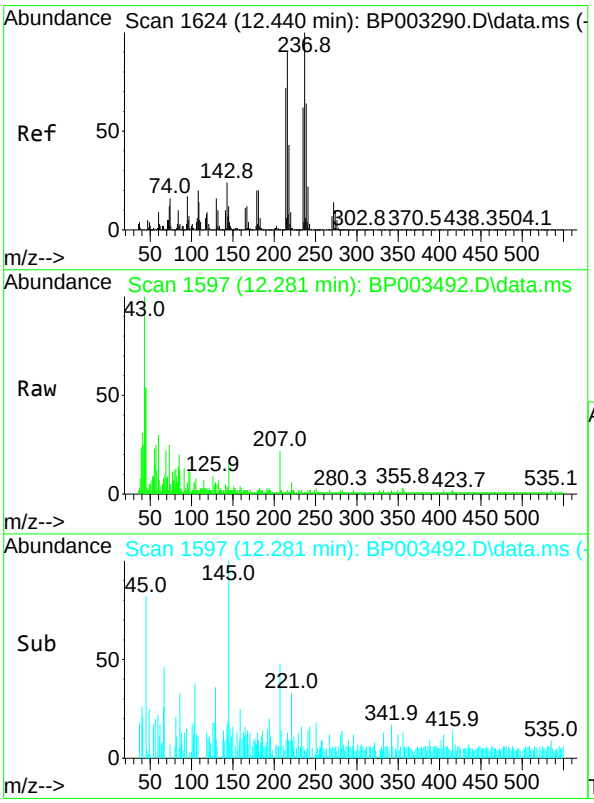
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.157 min Scan# 1916
Delta R.T. 0.000 min
Lab File: BP003492.D
Acq: 05 Oct 2020 16:12

Tgt Ion:164 Resp: 229572

Ion	Ratio	Lower	Upper
164	100		
162	102.6	79.4	119.2
160	45.3	36.1	54.1



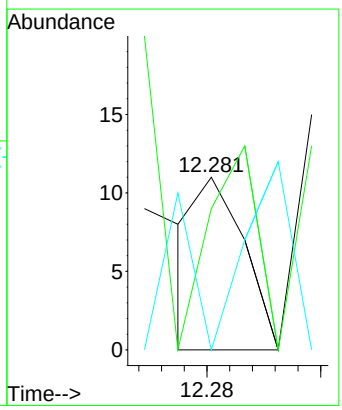
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-10-18



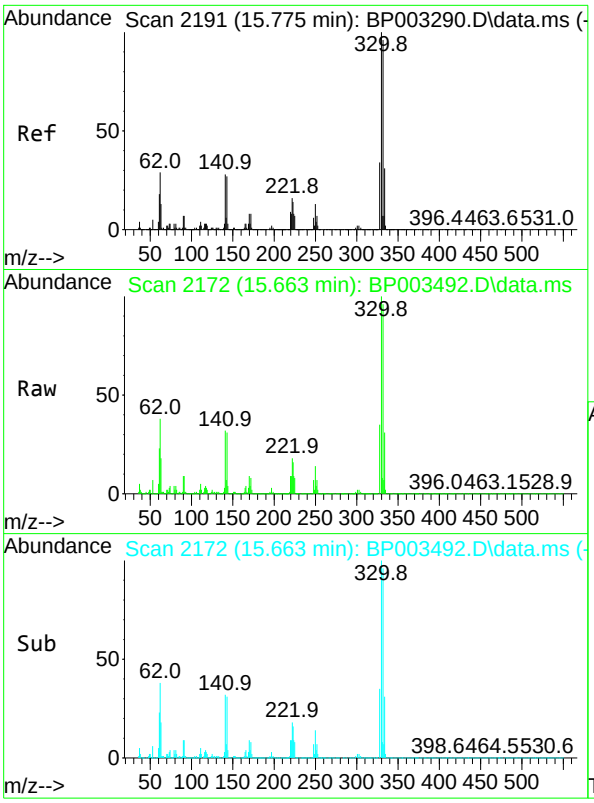
#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.281 min Scan# 1597
Delta R.T. -0.035 min
Lab File: BP003492.D
Acq: 05 Oct 2020 16:12

Tgt Ion:237 Resp: 6

Ion	Ratio	Lower	Upper
237	100		
235	81.8	43.2	83.2
272	0.0	0.0	33.3



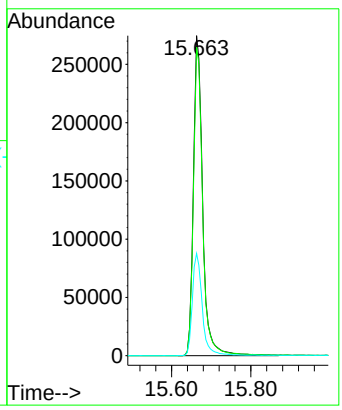
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-10-18

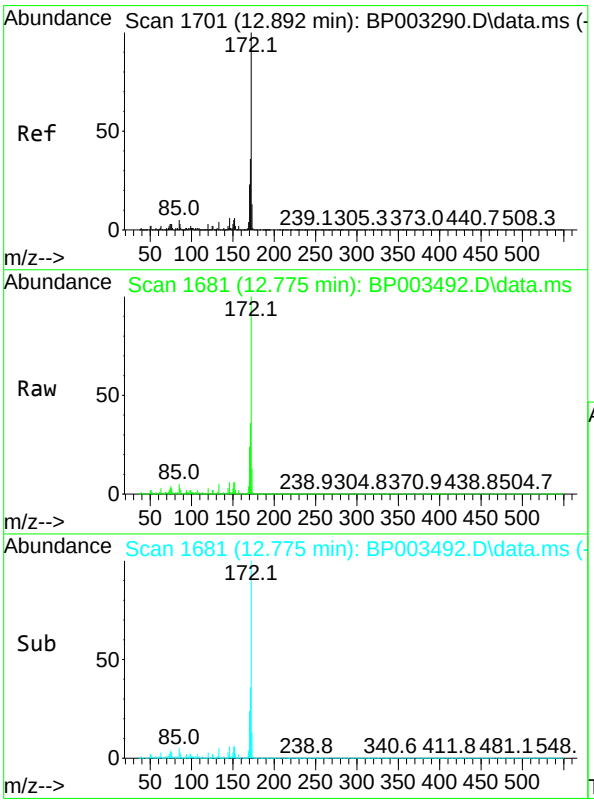


#42
2,4,6-Tribromophenol
Concen: 127.53 ng
RT: 15.663 min Scan# 2172
Delta R.T. 0.000 min
Lab File: BP003492.D
Acq: 05 Oct 2020 16:12

Tgt Ion:330 Resp: 446546

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	34.1	23.4	35.2

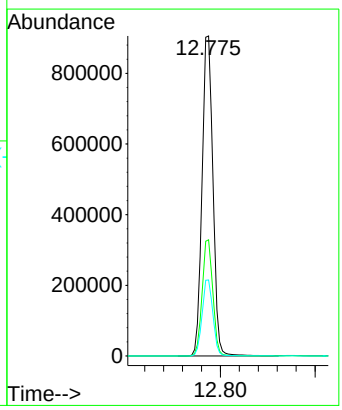




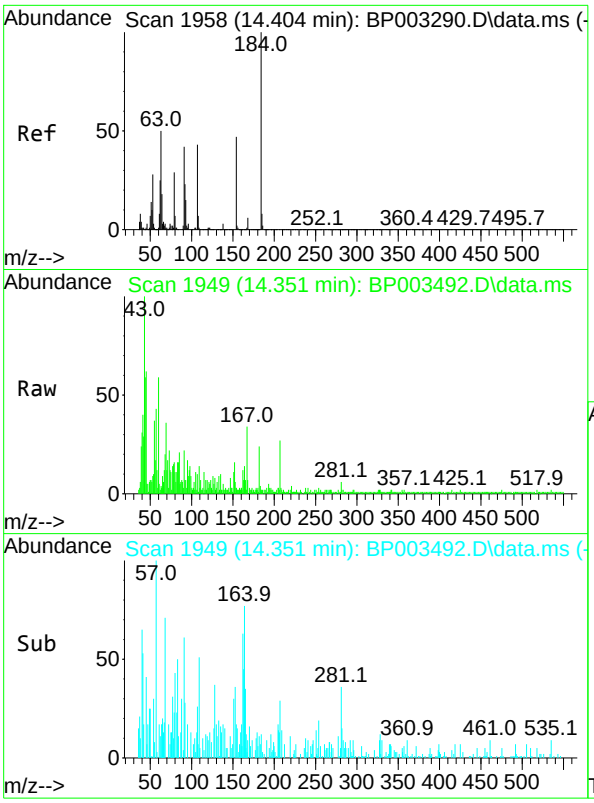
#45
2-Fluorobiphenyl
Concen: 92.22 ng
RT: 12.775 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BP003492.D
Acq: 05 Oct 2020 16:12

Tgt Ion:172 Resp: 1447500

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.5	42.7
170	23.8	19.2	28.8



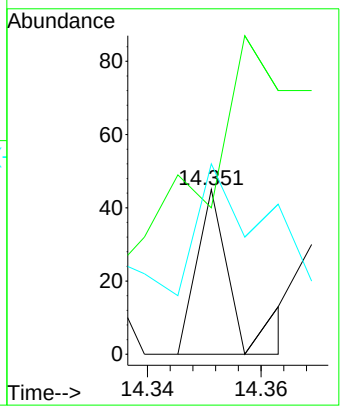
Instrument :
BNA_P
ClientSampleId :
PAV-B24-100120-10-18

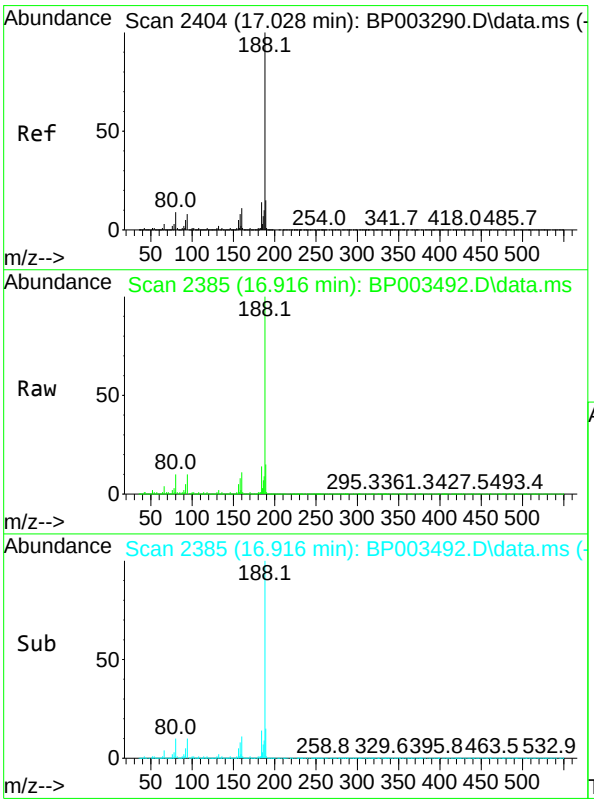


#54
2,4-Dinitrophenol
Concen: 7.26 ng
RT: 14.351 min Scan# 1949
Delta R.T. 0.024 min
Lab File: BP003492.D
Acq: 05 Oct 2020 16:12

Tgt Ion:184 Resp: 20

Ion	Ratio	Lower	Upper
184	100		
63	88.9	32.3	48.5#
154	115.6	49.1	73.7#

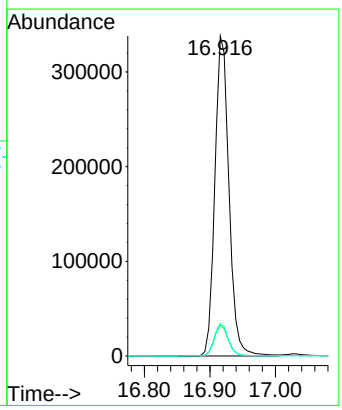




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.916 min Scan# 2385
Delta R.T. 0.000 min
Lab File: BP003492.D
Acq: 05 Oct 2020 16:12

Tgt Ion:188 Resp: 502618

Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.2	9.2#
80	10.2	6.2	9.2#



Instrument :
BNA_P
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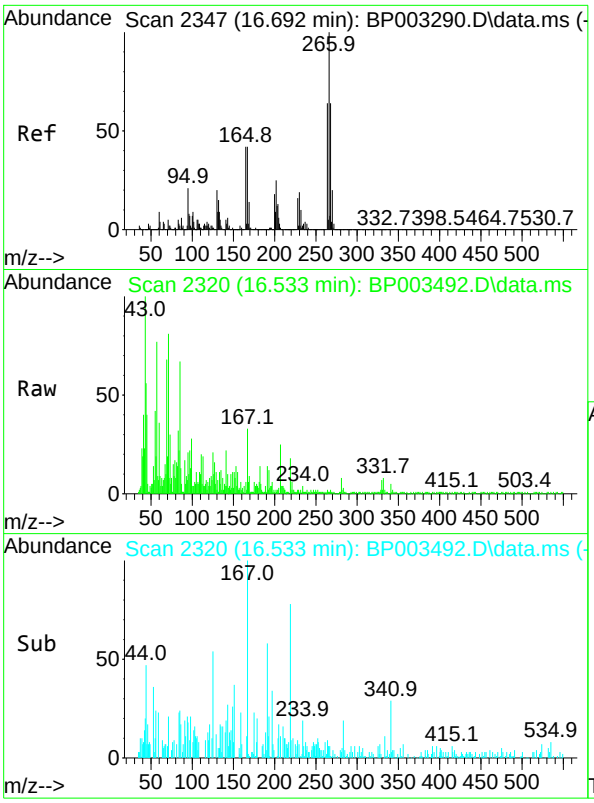
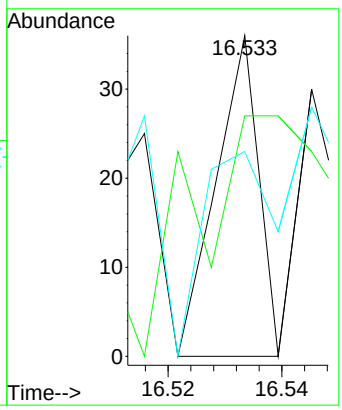
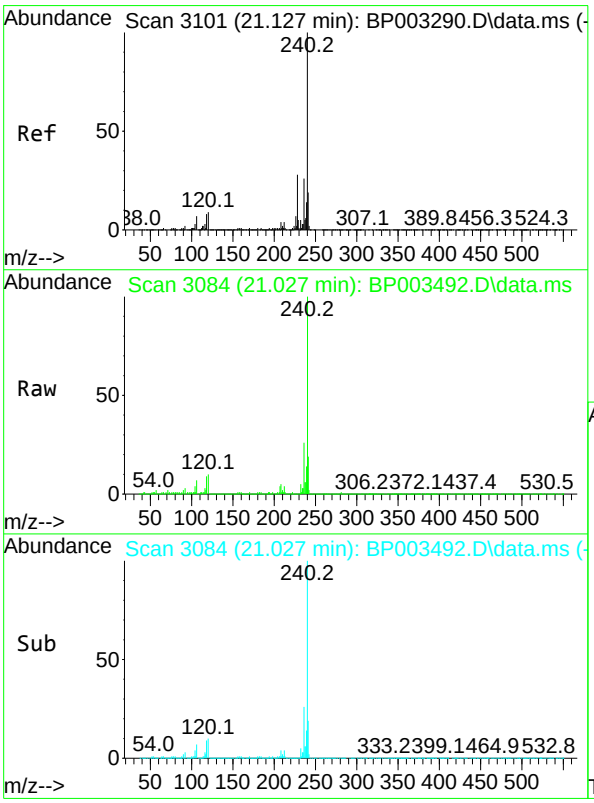


#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.533 min Scan# 2320
Delta R.T. -0.059 min
Lab File: BP003492.D
Acq: 05 Oct 2020 16:12

Tgt Ion:266 Resp: 19

Ion	Ratio	Lower	Upper
266	100		
268	75.0	51.1	76.7
264	63.9	50.6	76.0

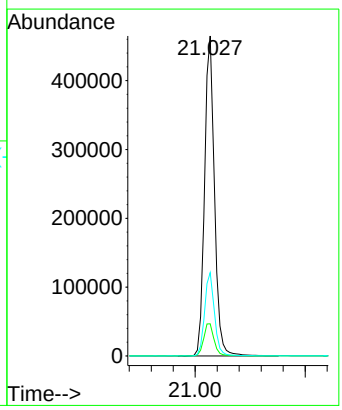




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.027 min Scan# 3084
Delta R.T. 0.000 min
Lab File: BP003492.D
Acq: 05 Oct 2020 16:12

Tgt Ion:240 Resp: 580330

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.8	11.6
236	26.1	20.8	31.2



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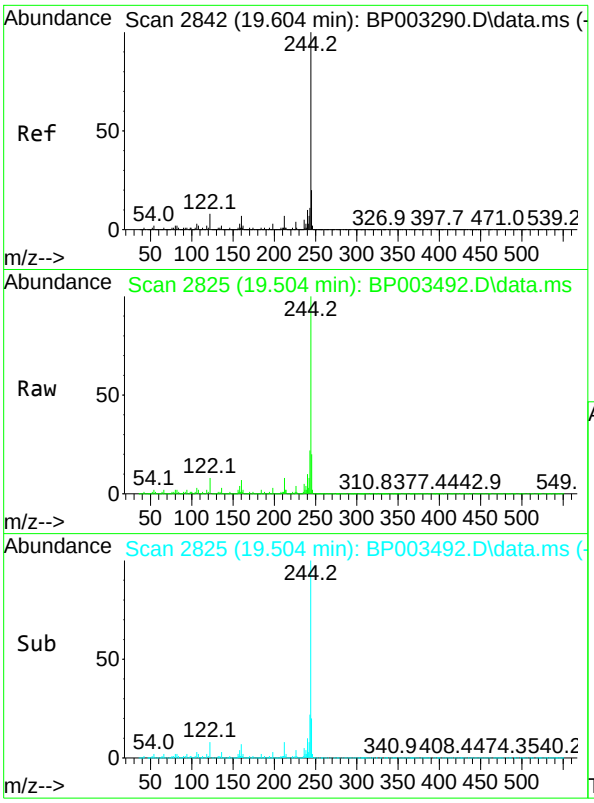
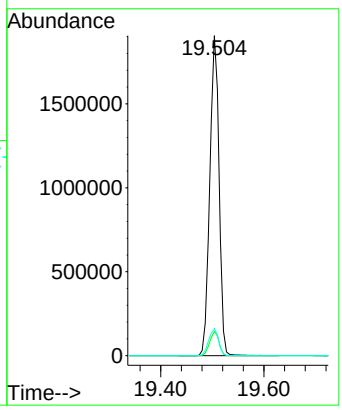
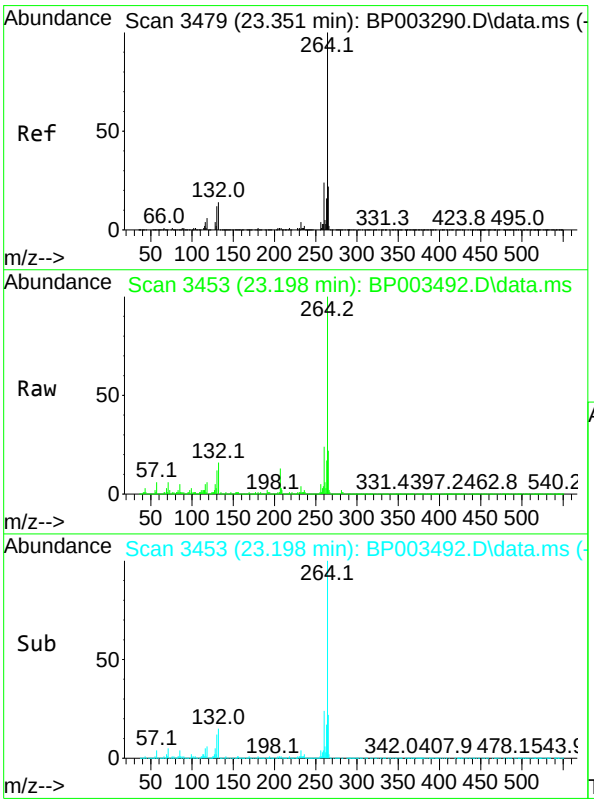


#79
Terphenyl-d14
Concen: 85.05 ng
RT: 19.504 min Scan# 2825
Delta R.T. 0.000 min
Lab File: BP003492.D
Acq: 05 Oct 2020 16:12

Tgt Ion:244 Resp: 2368899

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	8.5	7.8	11.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.198 min Scan# 3453
Delta R.T. 0.000 min
Lab File: BP003492.D
Acq: 05 Oct 2020 16:12

Tgt Ion:264 Resp: 582043

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	21.9	17.4	26.2