Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002713.D
Acq On : 10 Jul 2020 00:11
Operator : CG/JU
Sample : L3186-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-02-070820

Quant Time: Jul 10 01:31:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	55889	20.00	ng	-0.01
21) Naphthalene-d8	10.34	136	259809	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	185193	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	482437	20.00	ng	0.00
76) Chrysene-d12	21.08	240	687279	20.00	ng	-0.01
86) Perylene-d12	23.27	264	880657	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	475844	144.15	ng	0.00
7) Phenol-d6	6.77	99	645909	140.19	ng	0.00
23) Nitrobenzene-d5	8.71	82	481593	95.51	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	385577	171.18	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	1170872	93.06	ng	-0.01
79) Terphenyl-d14	19.56	244	2616168	82.16	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.69	77	238	Below Cal	#	35
32) Benzoic acid	9.68	122	32	8.708	ng	# 1
41) Hexachlorocyclopentadiene	12.24	237	22	4.388	ng	92
54) 2,4-Dinitrophenol	14.34	184	18	6.017	ng	# 86
56) 4-Nitrophenol	14.46	139	30	2.447	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.36	198	23	2.717	ng	# 1
70) Pentachlorophenol	16.72	266	87	2.687	ng	99
77) Benzidine	19.23	184	178	3.762	ng	# 1

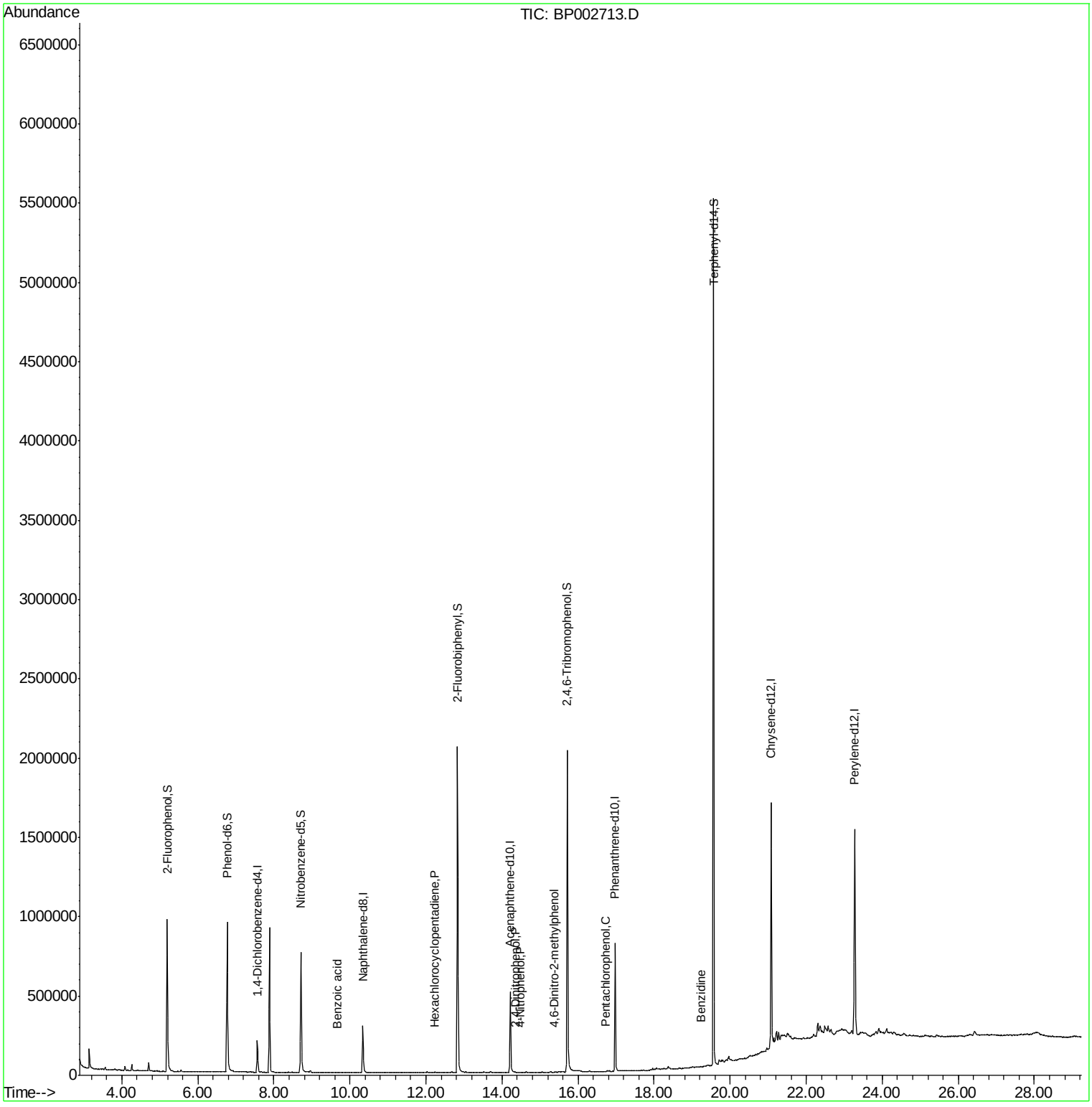
(#) = qualifier out of range (m) = manual integration (+) = signals summed

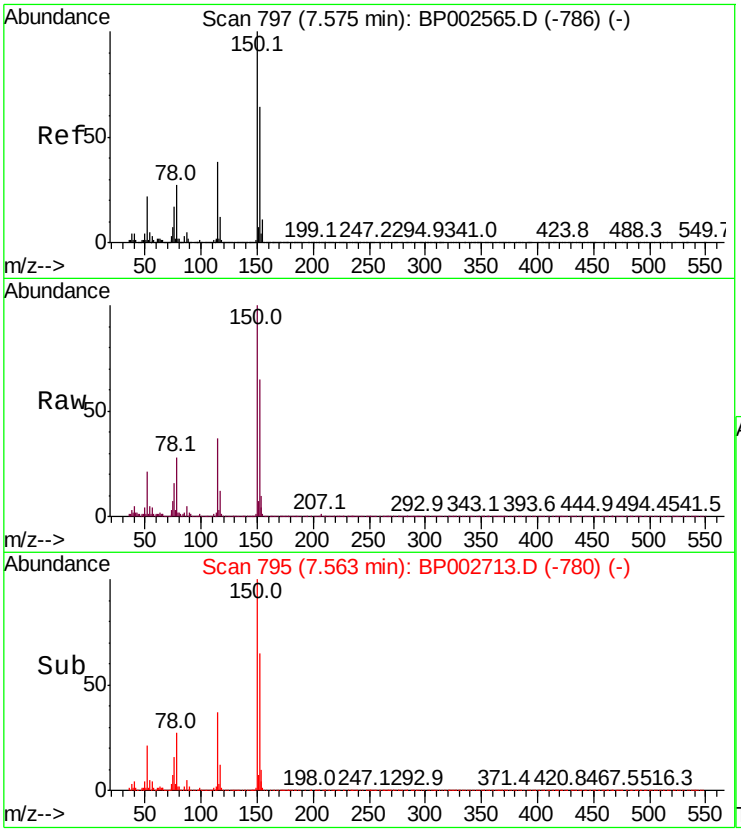
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002713.D
Acq On : 10 Jul 2020 00:11
Operator : CG/JU
Sample : L3186-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OR-02-070820

Quant Time: Jul 10 01:31:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration



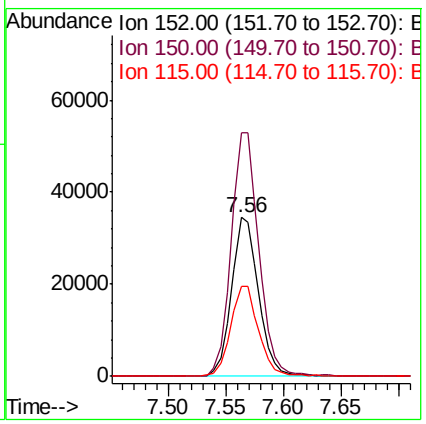


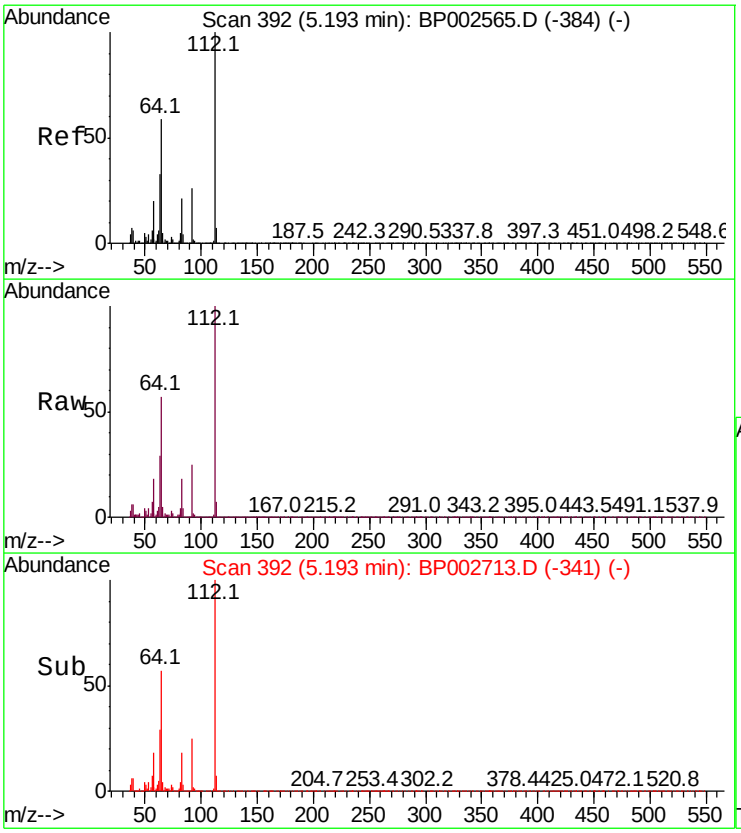
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP002713.D
Acq: 10 Jul 2020 00:11

Instrument :
BNA_P
ClientSampleId :
OR-02-070820

Tgt Ion:152 Resp: 55889

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.2	186.2
115	56.5	47.1	70.7

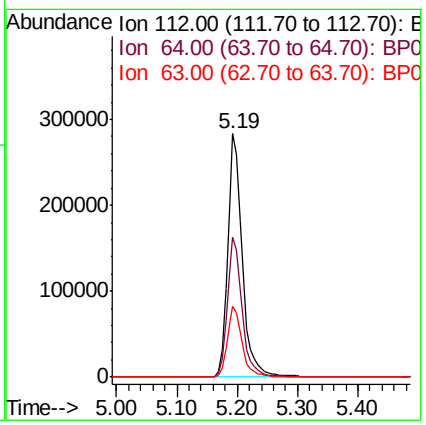


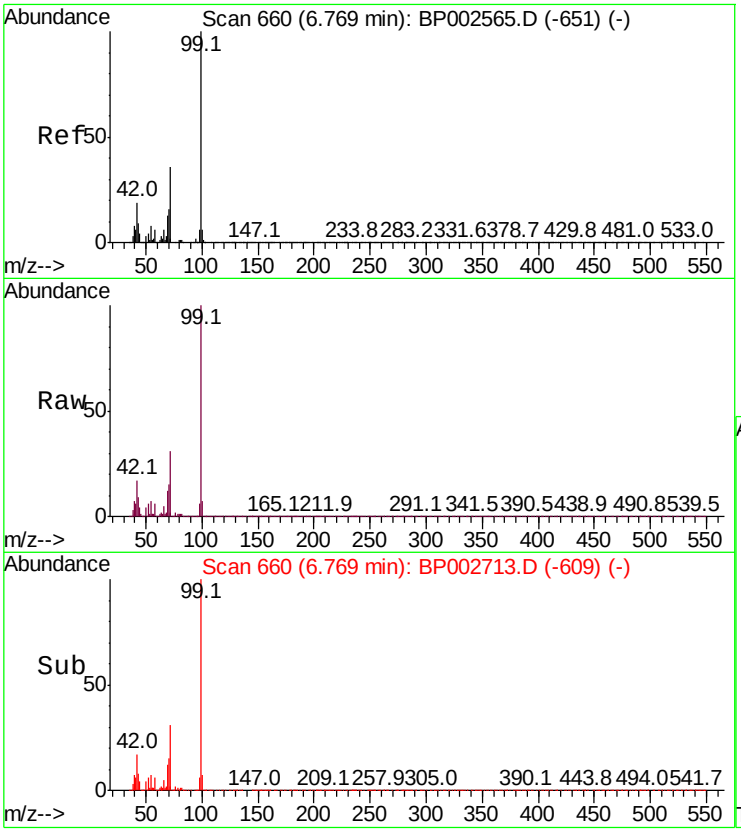


#5
2-Fluorophenol
Concen: 144.153 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002713.D
Acq: 10 Jul 2020 00:11

Tgt Ion:112 Resp: 475844

Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.0	70.6
63	29.3	26.1	39.1



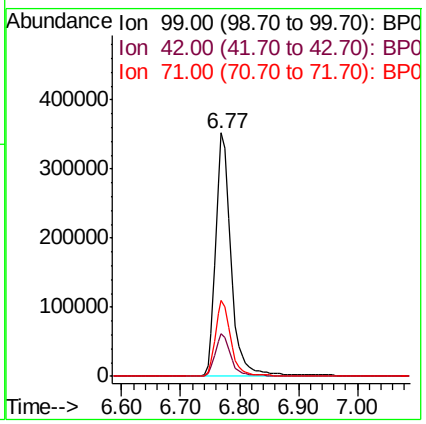


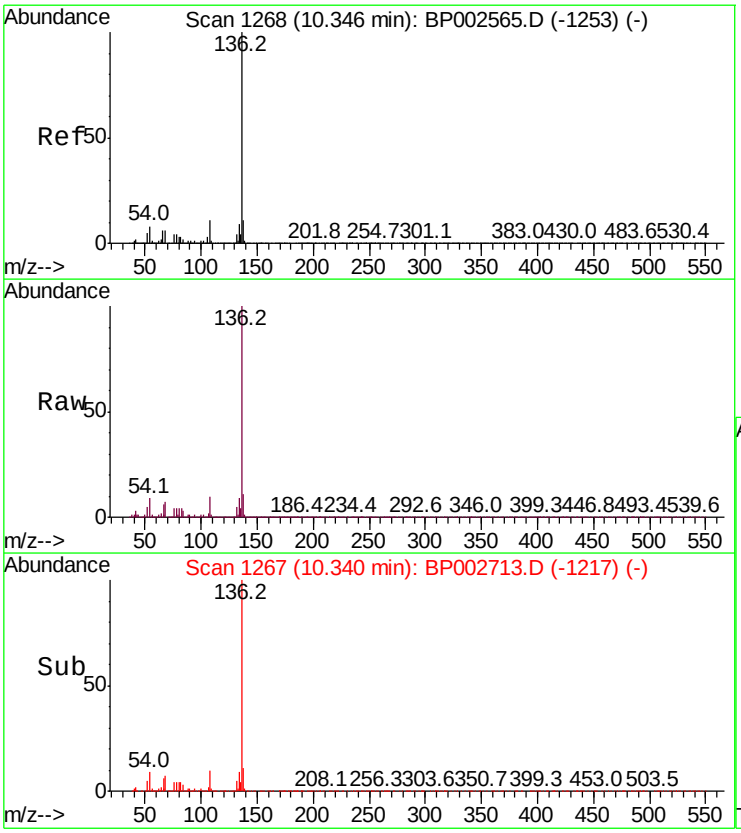
#7
Phenol-d6
Concen: 140.193 ng
RT: 6.77 min Scan# 660
Delta R.T. -0.00 min
Lab File: BP002713.D
Acq: 10 Jul 2020 00:11

Instrument :
BNA_P
ClientSampleId :
OR-02-070820

Tgt Ion: 99 Resp: 645909

Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.5	23.3
71	31.2	28.9	43.3

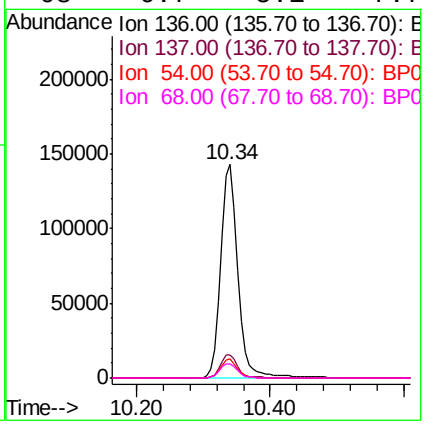


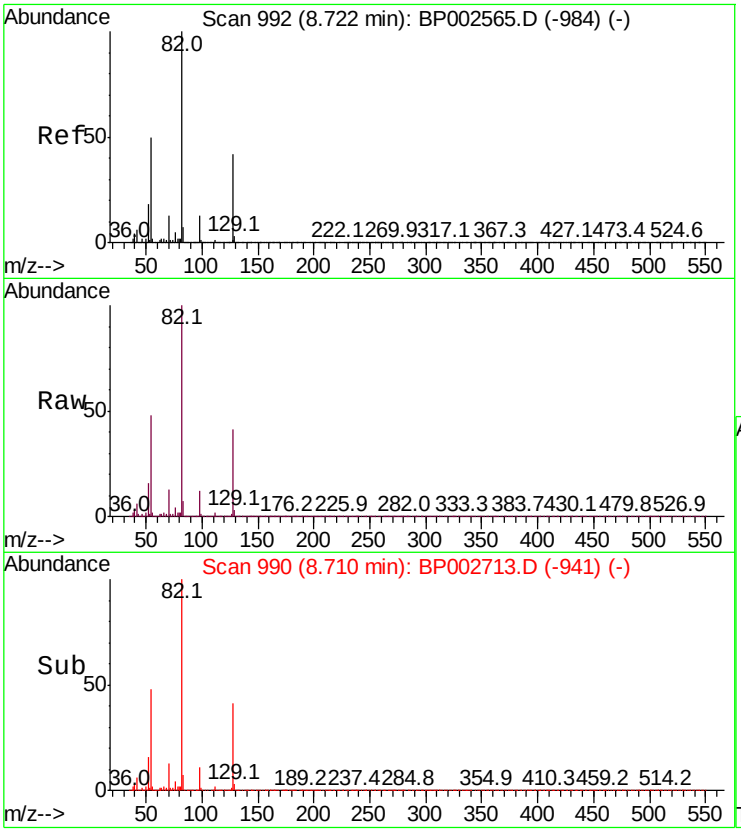


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002713.D
Acq: 10 Jul 2020 00:11

Tgt Ion:136 Resp: 259809

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.9	6.4	9.6
68	6.7	5.1	7.7



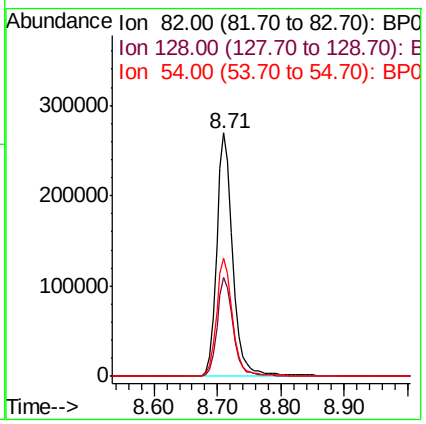


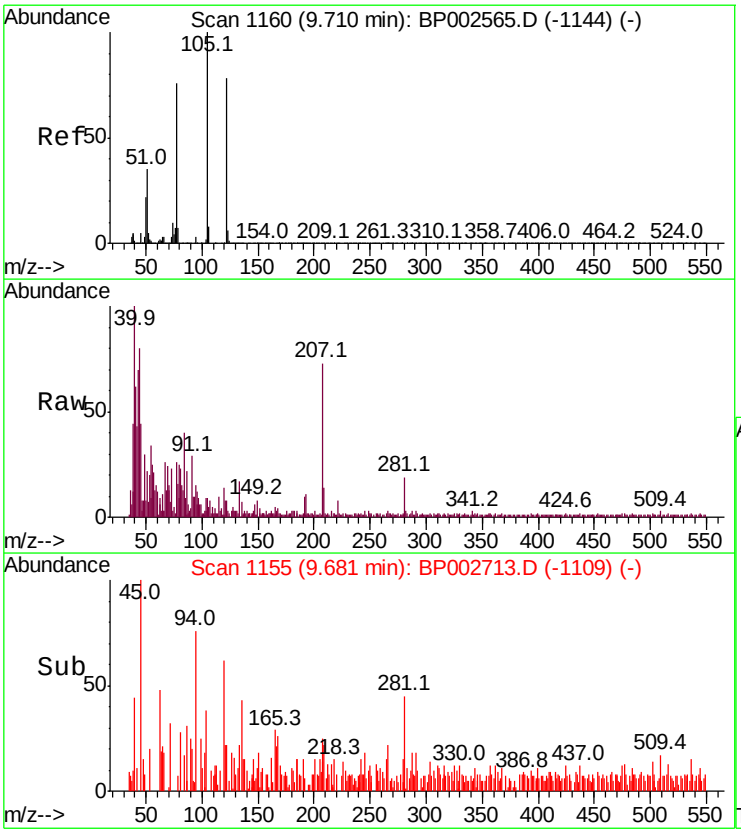
#23
Nitrobenzene-d5
Concen: 95.509 ng
RT: 8.71 min Scan# 990
Delta R.T. -0.01 min
Lab File: BP002713.D
Acq: 10 Jul 2020 00:11

Instrument :
BNA_P
ClientSampleId :
OR-02-070820

Tgt Ion: 82 Resp: 481593

Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.4	50.2
54	48.3	40.1	60.1

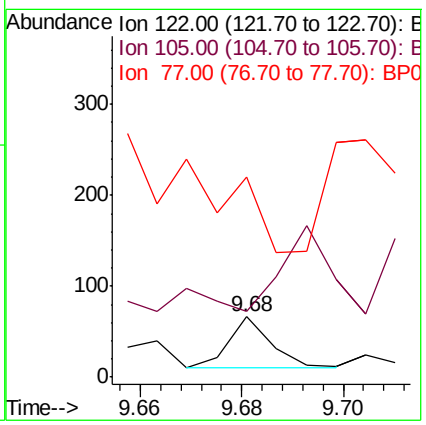


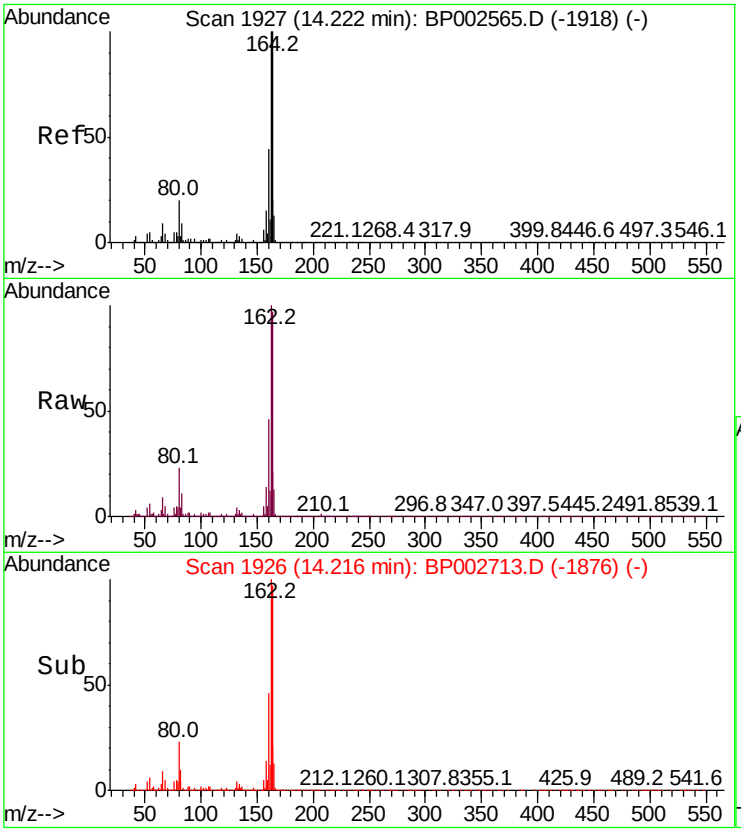


#32
Benzoic acid
Concen: 8.708 ng
RT: 9.68 min Scan# 1155
Delta R.T. -0.03 min
Lab File: BP002713.D
Acq: 10 Jul 2020 00:11

Tgt Ion:122 Resp: 32

Ion	Ratio	Lower	Upper
122	100		
105	109.1	106.6	146.6
77	333.3	76.5	116.5#



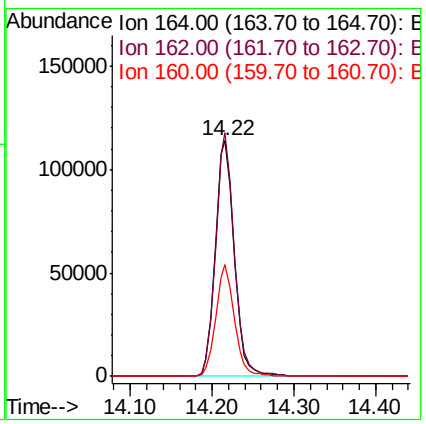


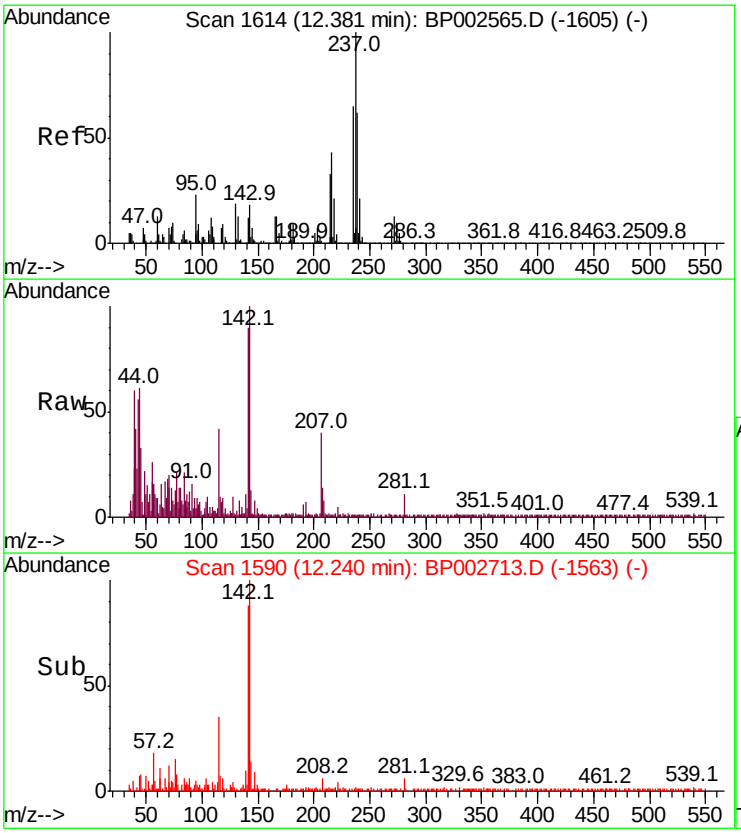
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002713.D
Acq: 10 Jul 2020 00:11

Instrument :
BNA_P
ClientSampleId :
OR-02-070820

Tgt Ion:164 Resp: 185193

Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.3	120.5
160	47.3	35.0	52.6

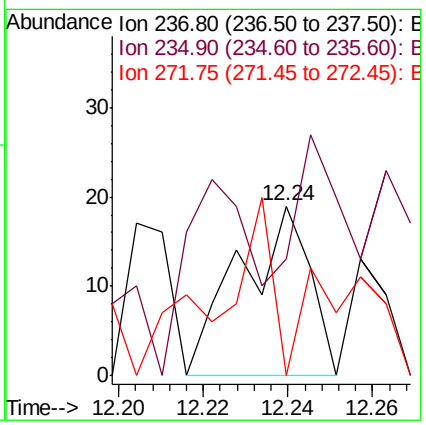


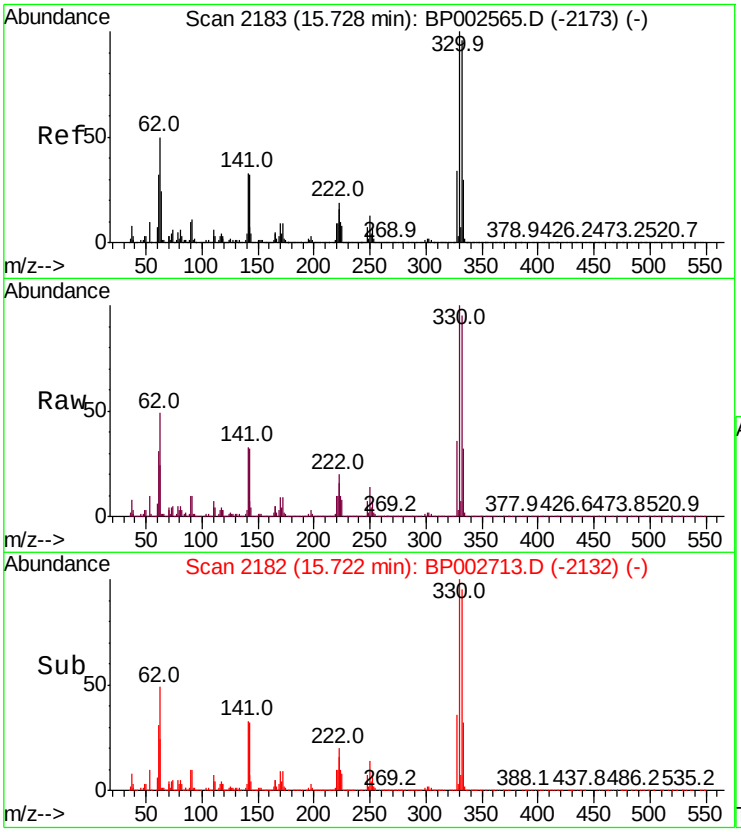


#41
Hexachlorocyclopentadiene
Concen: 4.388 ng
RT: 12.24 min Scan# 1590
Delta R.T. -0.14 min
Lab File: BP002713.D
Acq: 10 Jul 2020 00:11

Tgt Ion:237 Resp: 22

Ion	Ratio	Lower	Upper
237	100		
235	68.4	45.4	85.4
272	0.0	0.0	32.6



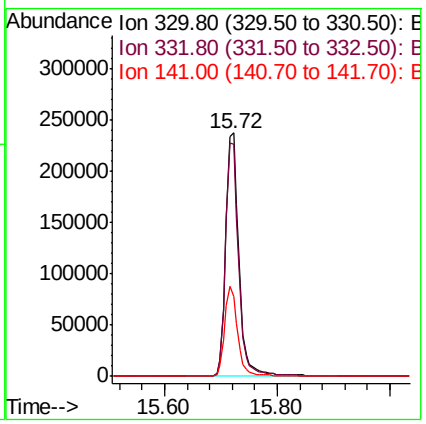


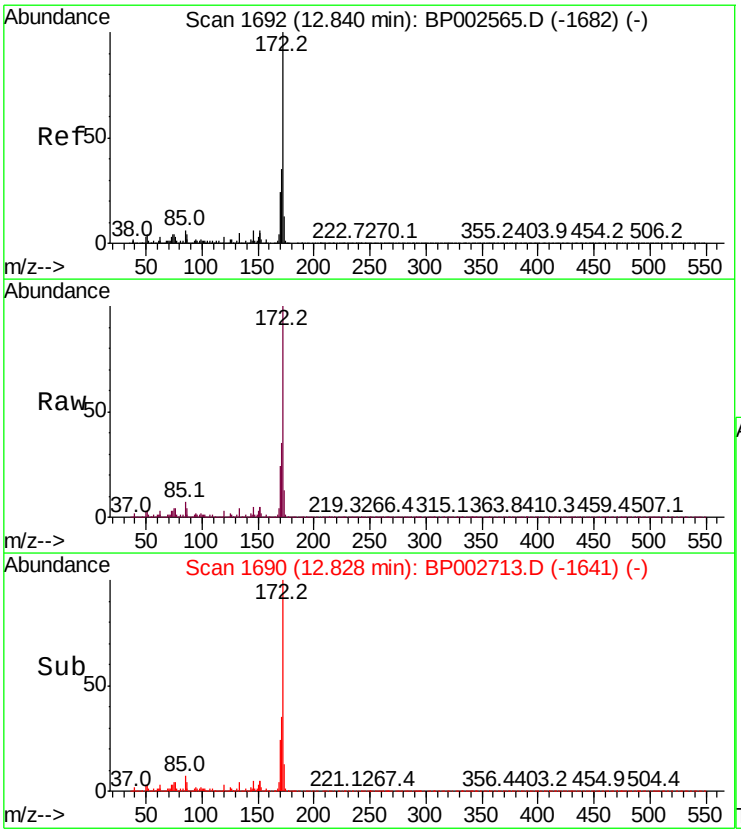
#42
2,4,6-Tribromophenol
Concen: 171.180 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002713.D
Acq: 10 Jul 2020 00:11

Instrument :
BNA_P
ClientSampleId :
OR-02-070820

Tgt Ion:330 Resp: 385577

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.7	116.5
141	36.6	29.0	43.6

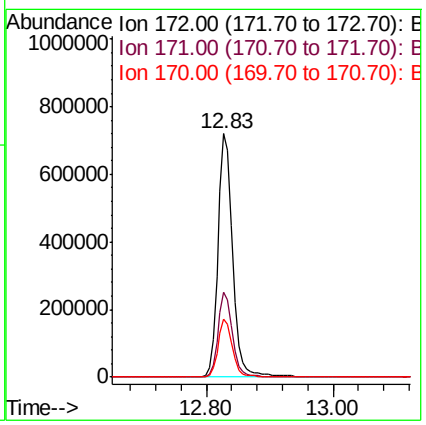


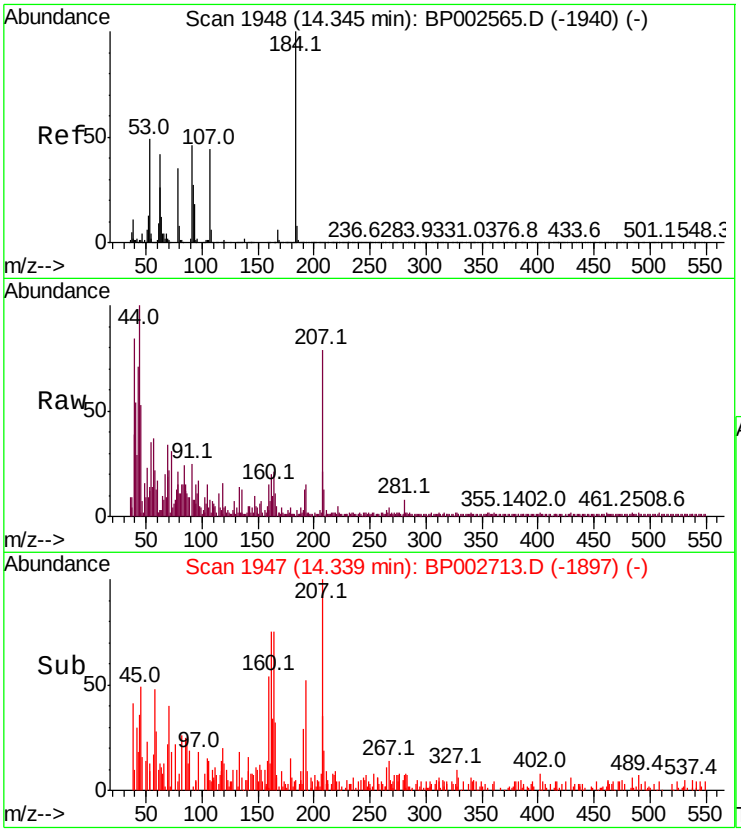


#45
2-Fluorobiphenyl
Concen: 93.056 ng
RT: 12.83 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BP002713.D
Acq: 10 Jul 2020 00:11

Tgt Ion:172 Resp: 1170872

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.0	42.0
170	23.6	19.0	28.4



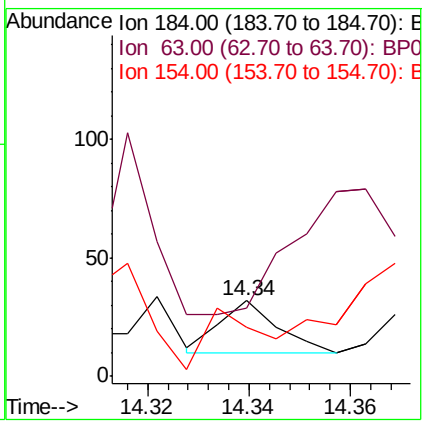


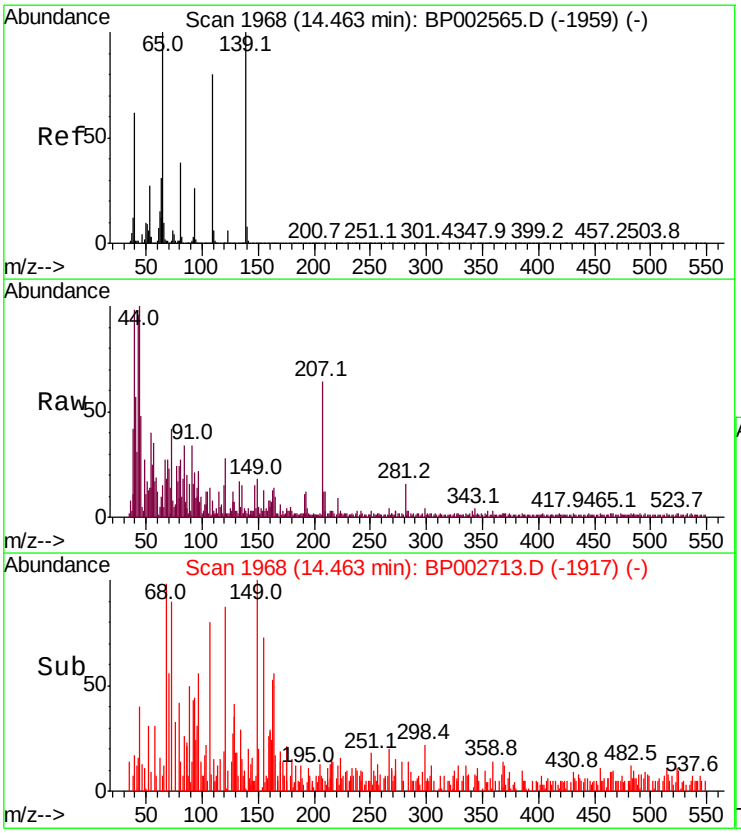
#54
2,4-Dinitrophenol
Concen: 6.017 ng
RT: 14.34 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BP002713.D
Acq: 10 Jul 2020 00:11

Instrument :
BNA_P
ClientSampleId :
OR-02-070820

Tgt Ion:184 Resp: 18

Ion	Ratio	Lower	Upper
184	100		
63	90.6	56.2	84.2#
154	65.6	50.9	76.3

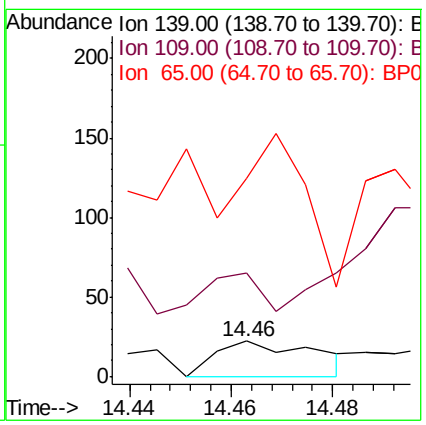


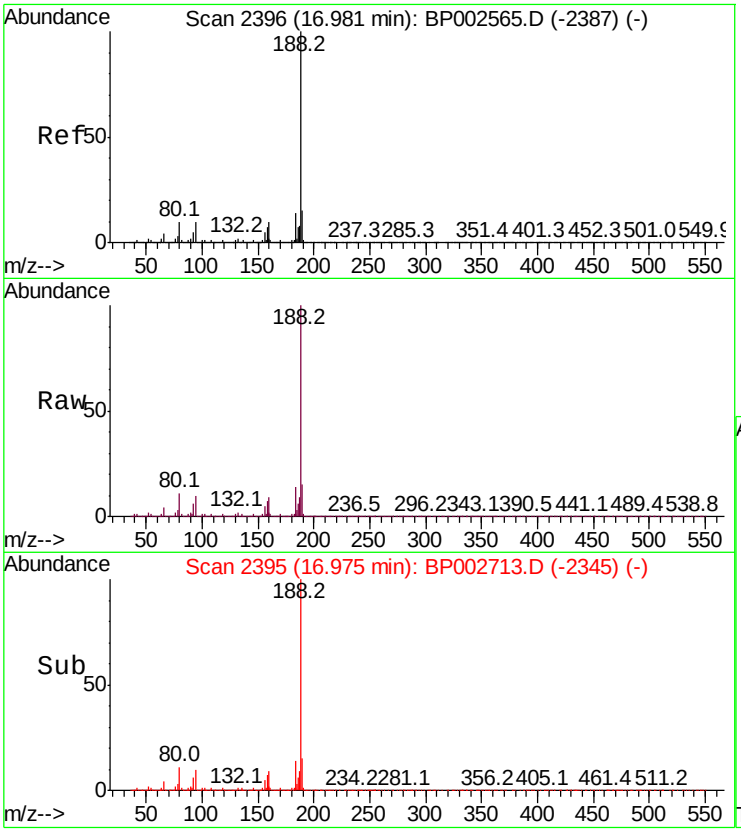


#56
4-Nitrophenol
Concen: 2.447 ng
RT: 14.46 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BP002713.D
Acq: 10 Jul 2020 00:11

Tgt Ion:139 Resp: 30

Ion	Ratio	Lower	Upper
139	100		
109	295.5	60.1	100.1#
65	568.2	80.3	120.3#



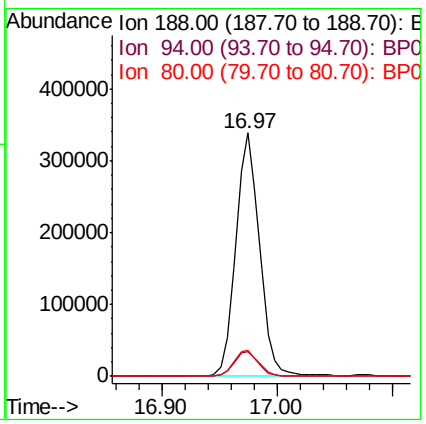


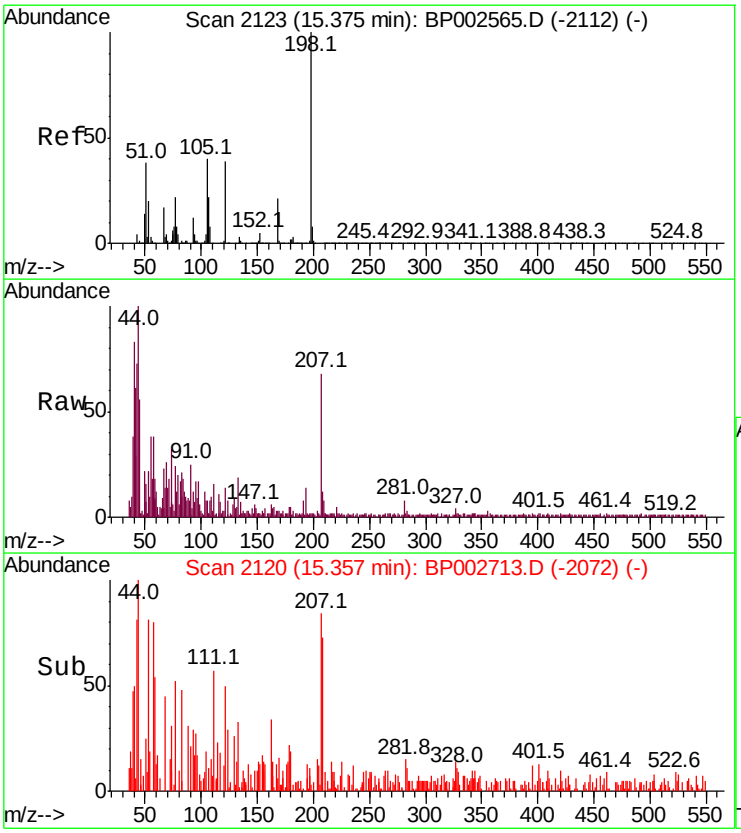
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002713.D
Acq: 10 Jul 2020 00:11

Instrument :
BNA_P
ClientSampleId :
OR-02-070820

Tgt Ion:188 Resp: 482437

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.8	11.6
80	10.9	8.2	12.4

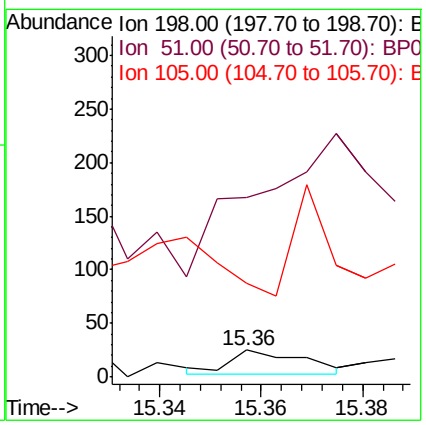


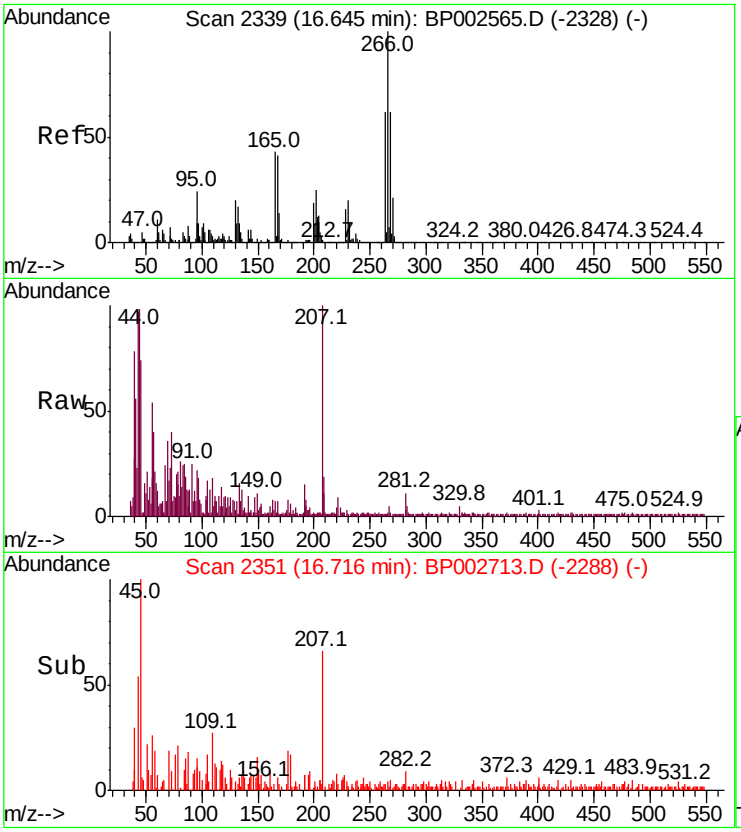


#65
4,6-Dinitro-2-methylphenol
Concen: 2.717 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BP002713.D
Acq: 10 Jul 2020 00:11

Tgt Ion:198 Resp: 23

Ion	Ratio	Lower	Upper
198	100		
51	756.0	24.2	64.2#
105	352.0	20.7	60.7#



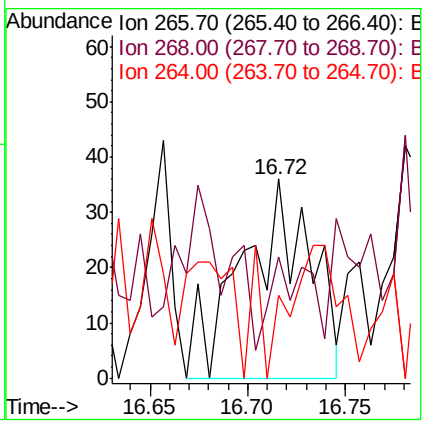


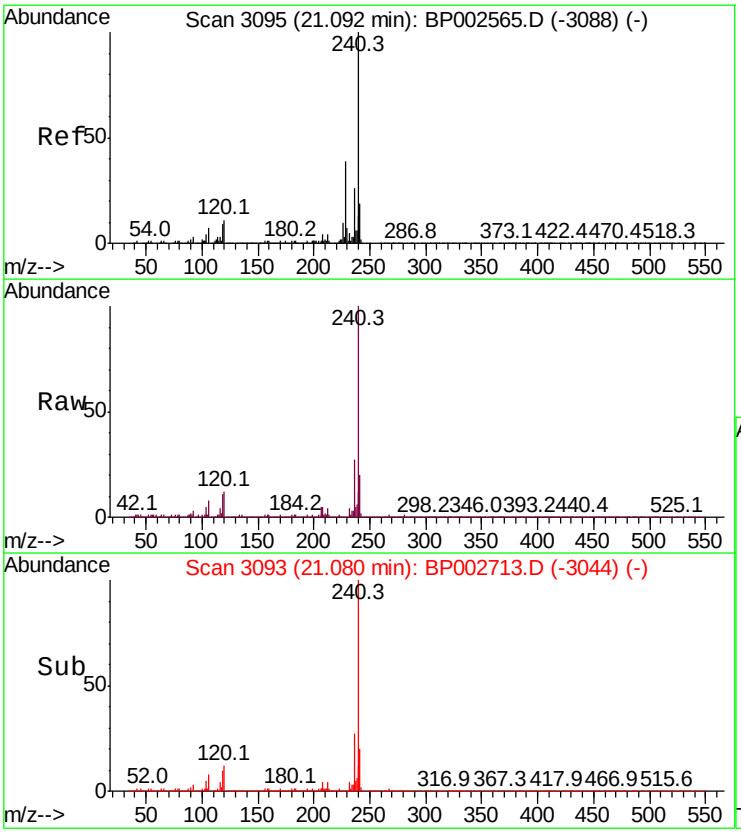
#70
Pentachlorophenol
Concen: 2.687 ng
RT: 16.72 min Scan# 2351
Delta R.T. 0.07 min
Lab File: BP002713.D
Acq: 10 Jul 2020 00:11

Instrument :
BNA_P
ClientSampleId :
OR-02-070820

Tgt Ion:266 Resp: 87

Ion	Ratio	Lower	Upper
266	100		
268	61.1	49.7	74.5
264	61.1	49.3	73.9

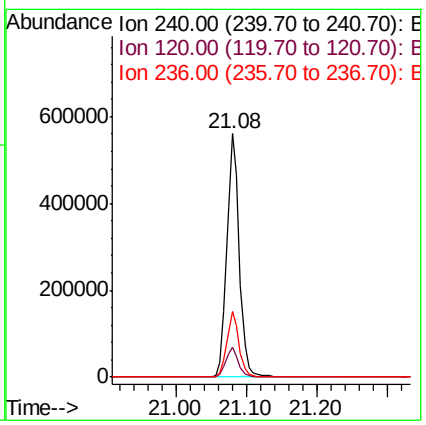


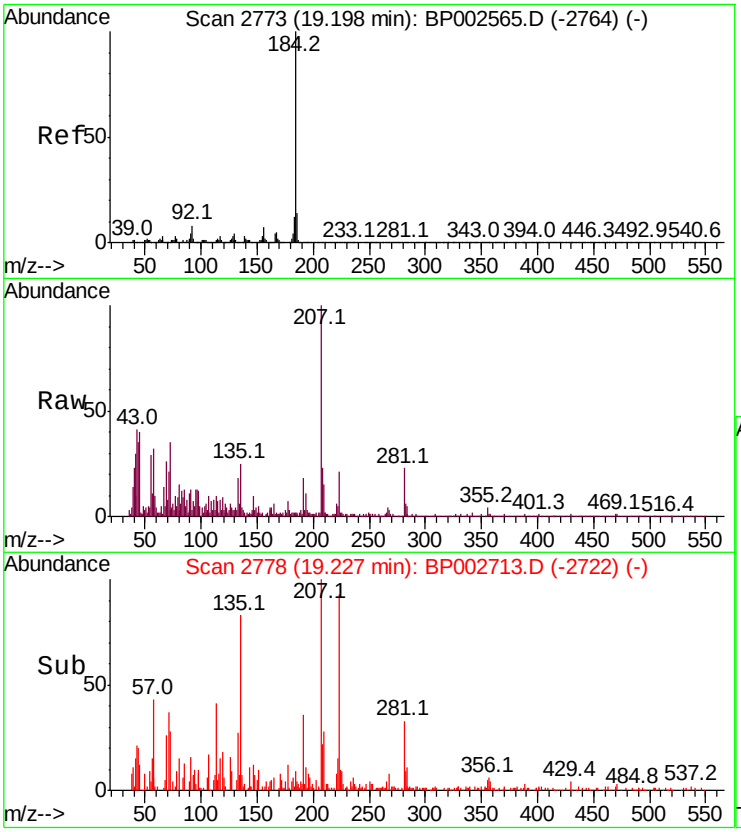


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.08 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BP002713.D
Acq: 10 Jul 2020 00:11

Tgt Ion:240 Resp: 687279

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.6	13.0
236	27.2	20.8	31.2



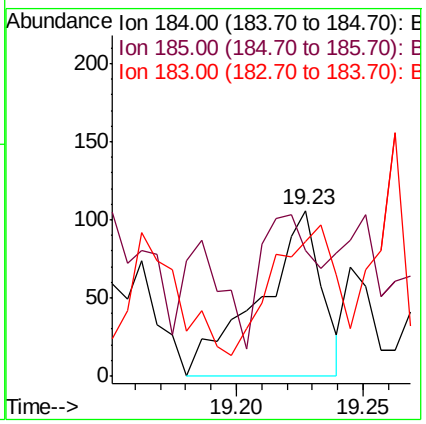


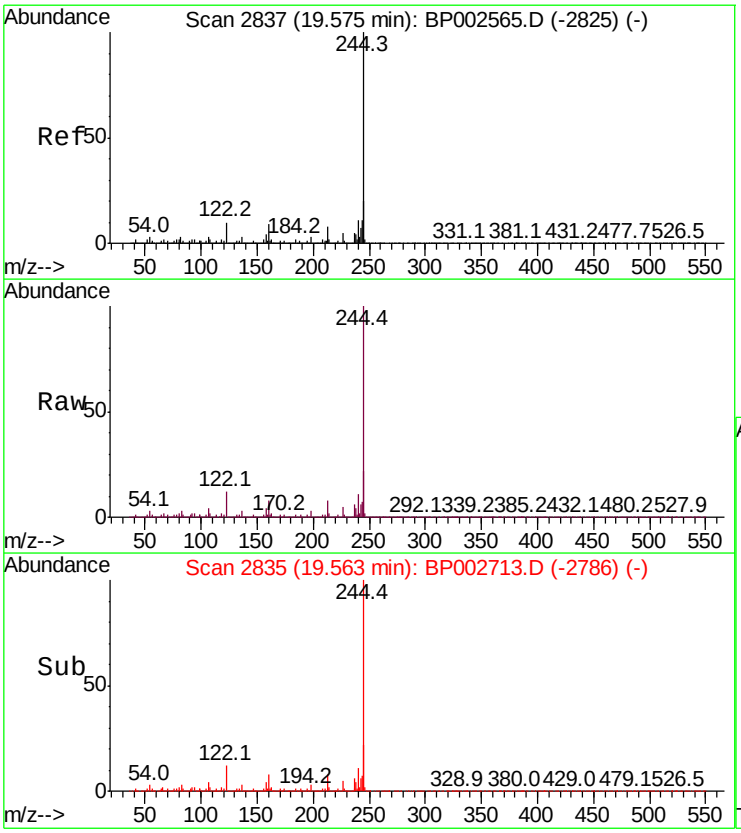
#77
Benzidine
Concen: 3.762 ng
RT: 19.23 min Scan# 2778
Delta R.T. 0.03 min
Lab File: BP002713.D
Acq: 10 Jul 2020 00:11

Instrument :
BNA_P
ClientSampleId :
OR-02-070820

Tgt Ion:184 Resp: 178

Ion	Ratio	Lower	Upper
184	100		
185	75.5	11.4	17.2#
183	81.1	9.2	13.8#

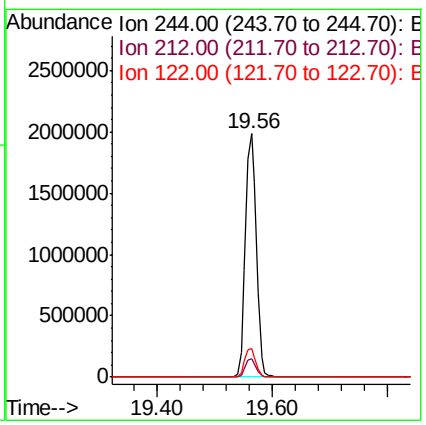


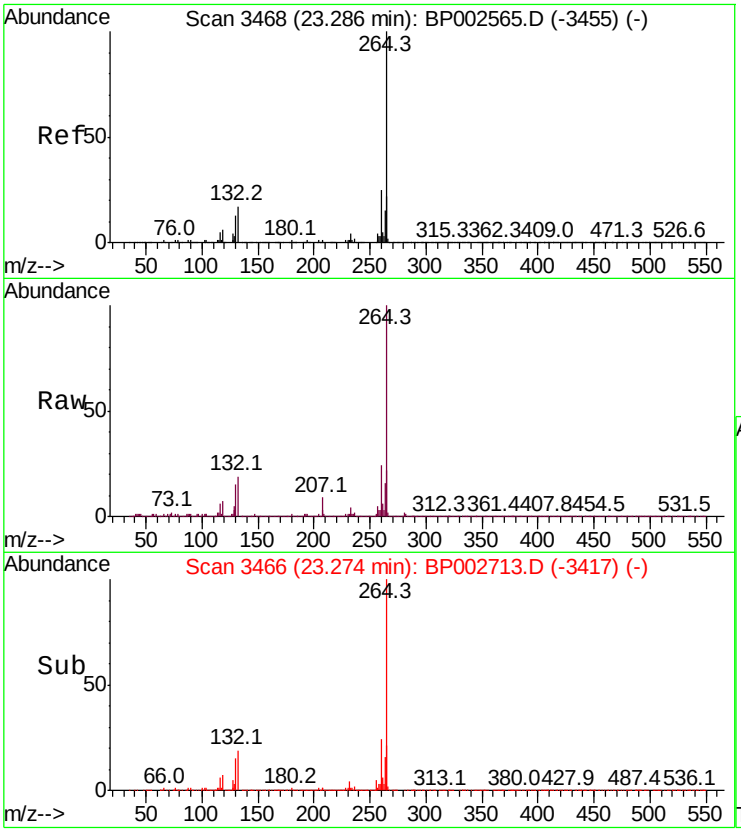


#79
Terphenyl-d14
Concen: 82.164 ng
RT: 19.56 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BP002713.D
Acq: 10 Jul 2020 00:11

Tgt Ion:244 Resp: 2616168

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	12.0	7.9	11.9#

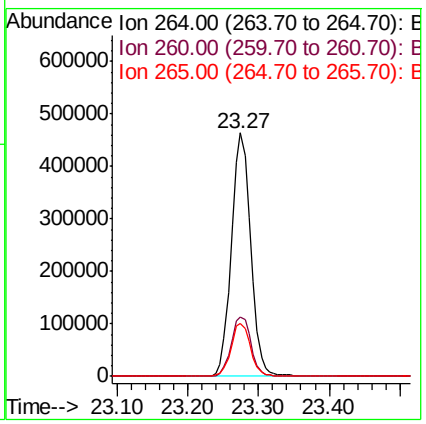




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.27 min Scan# 3466
Delta R.T. -0.01 min
Lab File: BP002713.D
Acq: 10 Jul 2020 00:11

Tgt Ion:264 Resp: 880657

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.6	17.6	26.4



Instrument :
BNA_P
ClientSampleId :
OR-02-070820