Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070220\
Data File : BP002628.D
Acq On : 02 Jul 2020 13:41
Operator : CG/JU
Sample : L3153-38
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP2-J

Quant Time: Jul 02 15:02:45 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	7.57	152	273246	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	1065847	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	674041	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1480213	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1493178	20.00	ng	0.00
86) Perylene-d12	23.29	264	1366323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1931304	119.67	ng	0.00
7) Phenol-d6	6.77	99	2225249	98.79	ng	0.00
23) Nitrobenzene-d5	8.72	82	2023314	97.81	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	1094622	133.52	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	4024315	87.87	ng	0.00
79) Terphenyl-d14	19.57	244	5288831	76.45	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.70	77	213	Below Cal	#	39
32) Benzoic acid	9.70	122	48	8.703	ng	# 1
41) Hexachlorocyclopentadiene	12.25	237	37	4.385	ng	88
54) 2,4-Dinitrophenol	14.10	184	15	6.011	ng	88
56) 4-Nitrophenol	14.36	139	97	2.446	ng	88
65) 4,6-Dinitro-2-methylphenol	15.36	198	18	2.711	ng	# 1
70) Pentachlorophenol	16.66	266	40	2.665	ng	# 1
77) Benzidine	19.22	184	23	3.756	ng	# 7

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

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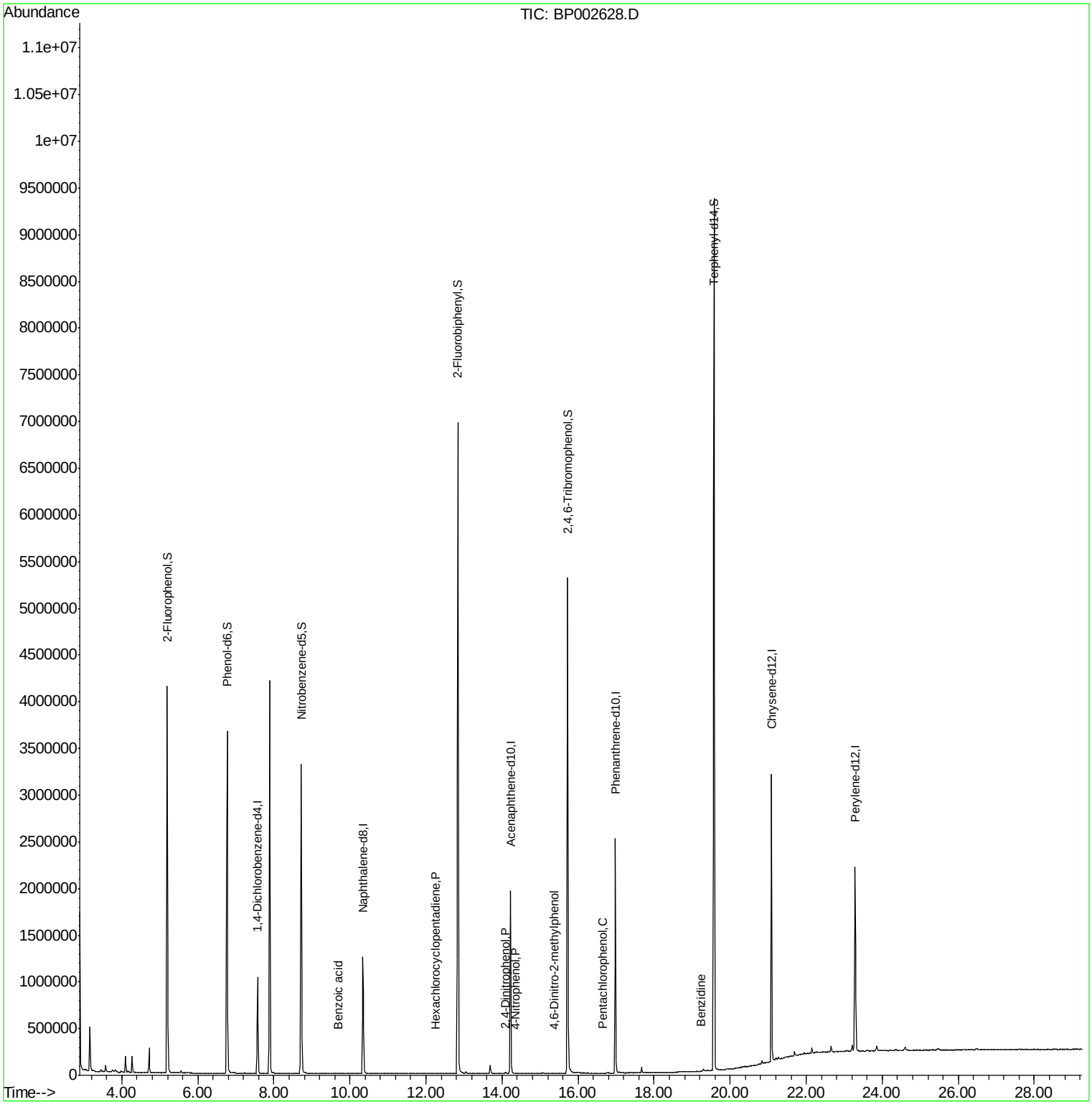
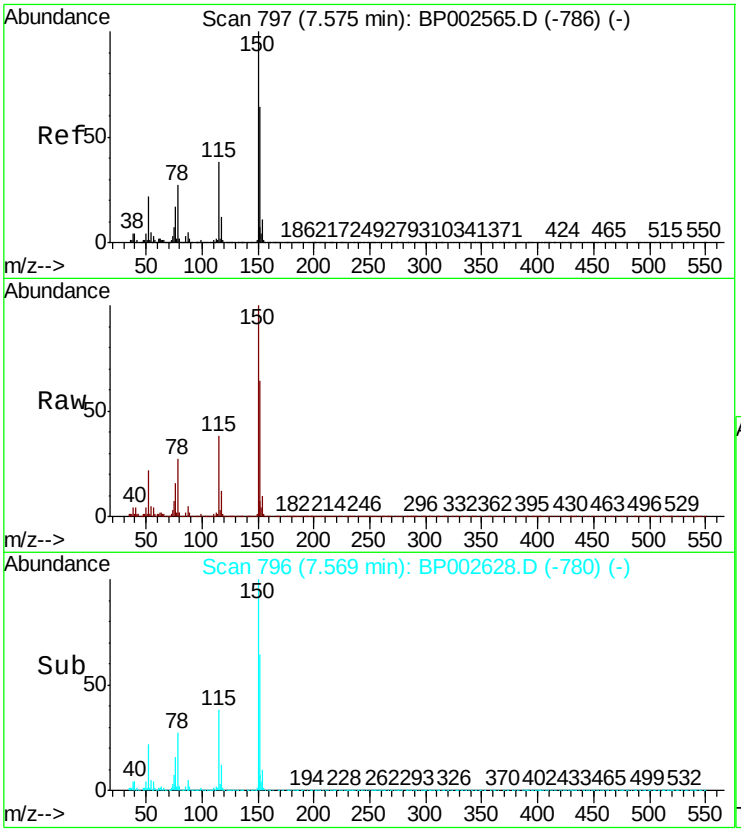


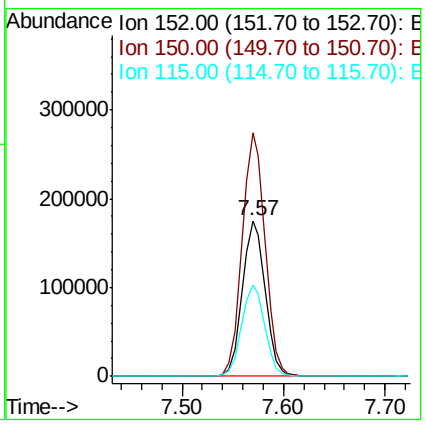


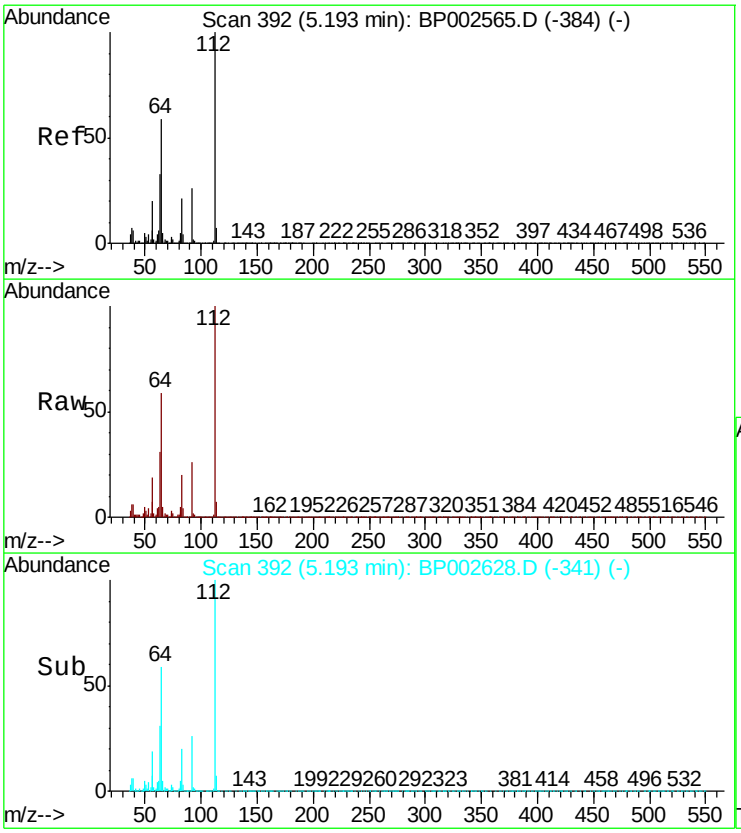
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002628.D
Acq: 02 Jul 2020 13:41

Instrument :
BNA_P
ClientSampleId :
SP2-J

Tgt Ion:152 Resp: 273246

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.2	186.2
115	58.9	47.1	70.7

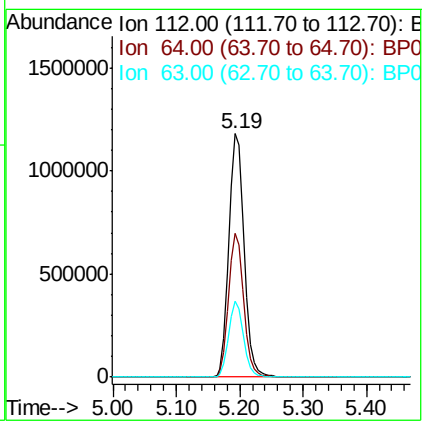


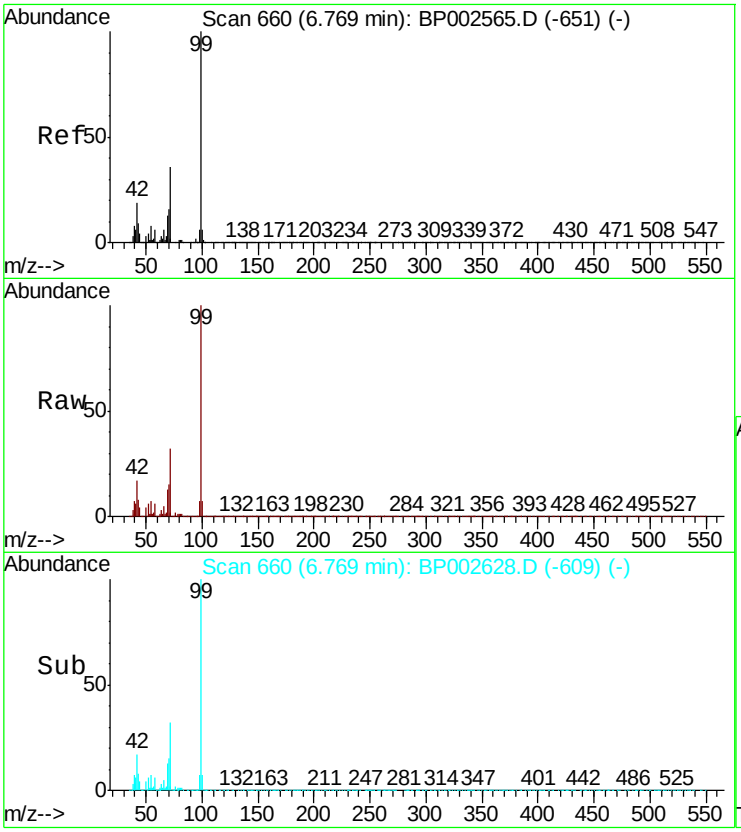


#5
2-Fluorophenol
Concen: 119.669 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002628.D
Acq: 02 Jul 2020 13:41

Tgt Ion:112 Resp: 1931304

Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.0	70.6
63	31.2	26.1	39.1



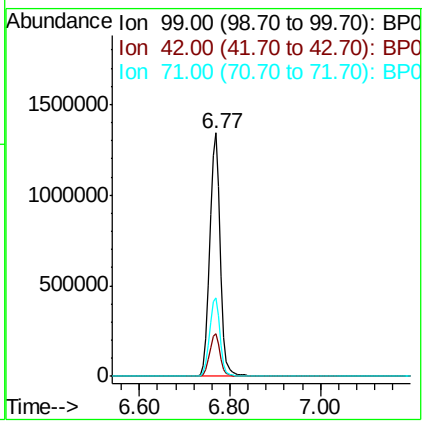


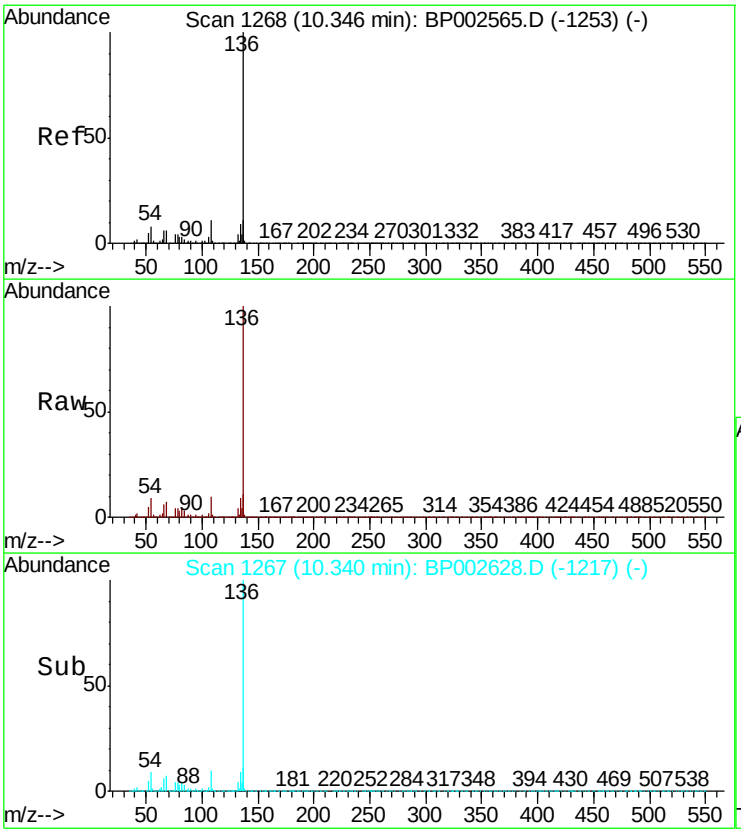
#7
Phenol-d6
Concen: 98.788 ng
RT: 6.77 min Scan# 660
Delta R.T. -0.00 min
Lab File: BP002628.D
Acq: 02 Jul 2020 13:41

Instrument :
BNA_P
ClientSampleId :
SP2-J

Tgt Ion: 99 Resp: 2225249

Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.5	23.3
71	32.4	28.9	43.3

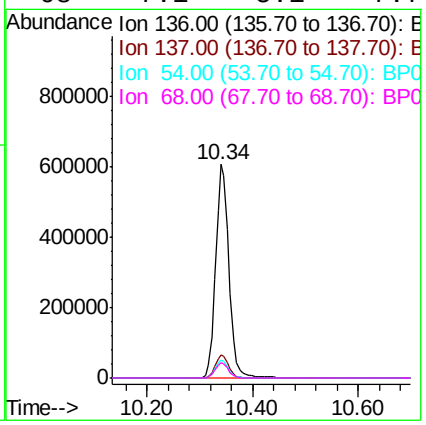


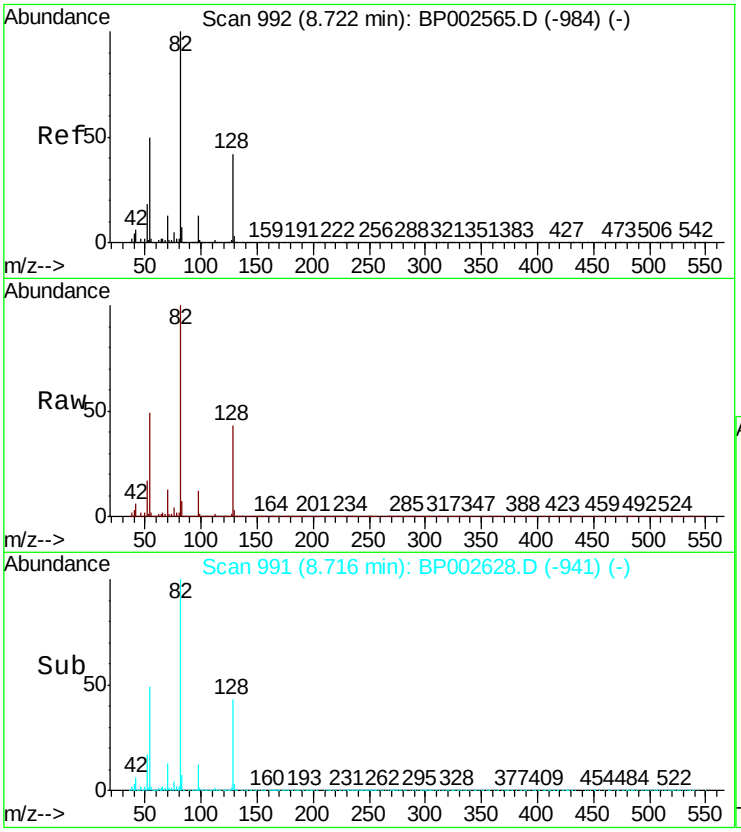


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002628.D
Acq: 02 Jul 2020 13:41

Tgt Ion:136 Resp: 1065847

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.6	6.4	9.6
68	7.1	5.1	7.7



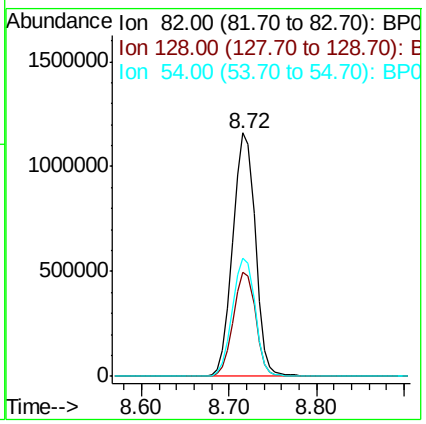


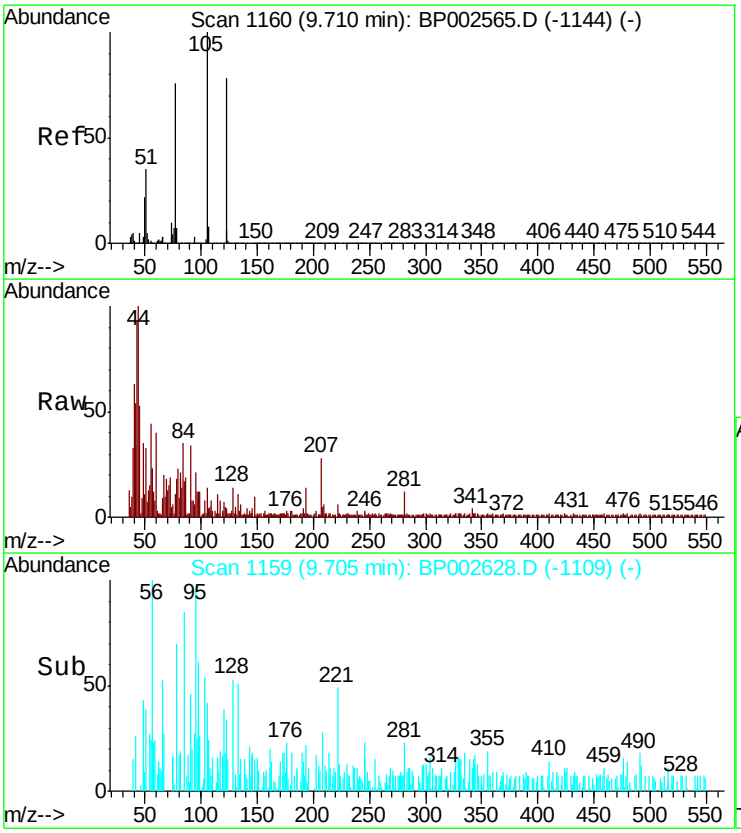
#23
Nitrobenzene-d5
Concen: 97.811 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002628.D
Acq: 02 Jul 2020 13:41

Instrument :
BNA_P
ClientSampleId :
SP2-J

Tgt Ion: 82 Resp: 2023314

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.4	50.2
54	48.8	40.1	60.1

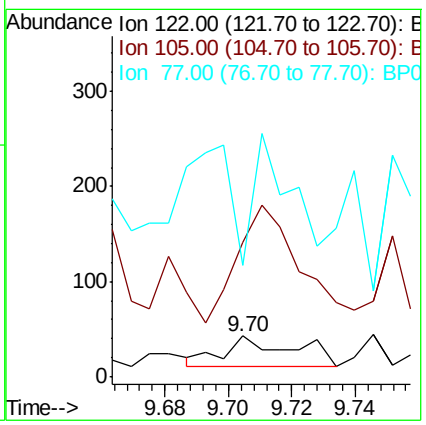


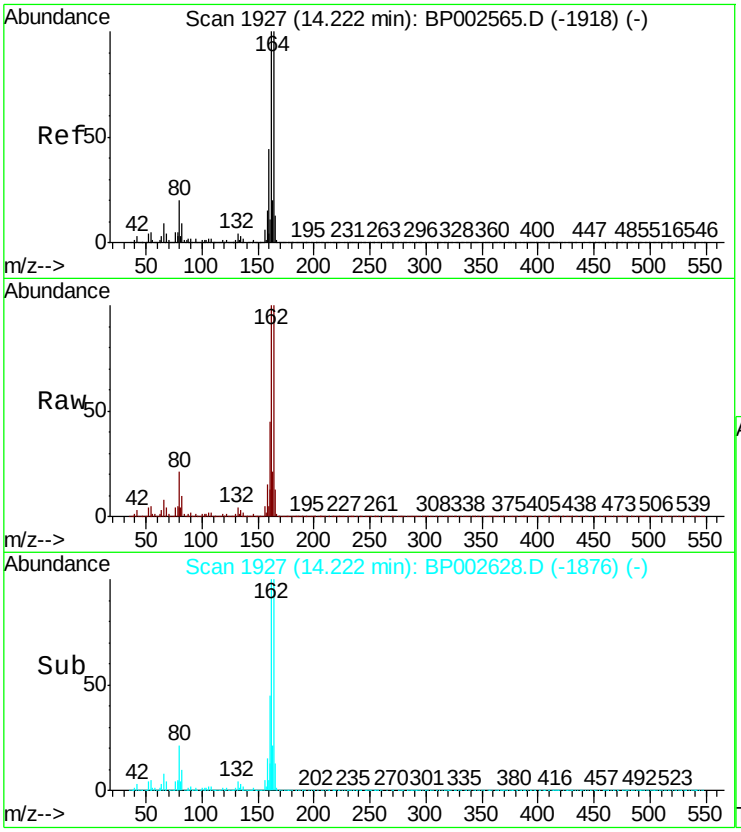


#32
Benzoic acid
Concen: 8.703 ng
RT: 9.70 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BP002628.D
Acq: 02 Jul 2020 13:41

Tgt Ion:122 Resp: 48

Ion	Ratio	Lower	Upper
122	100		
105	258.2	106.6	146.6#
77	212.7	76.5	116.5#



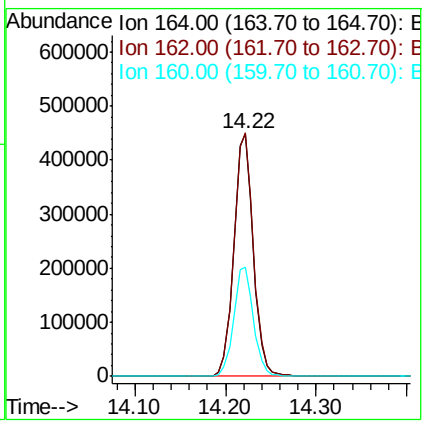


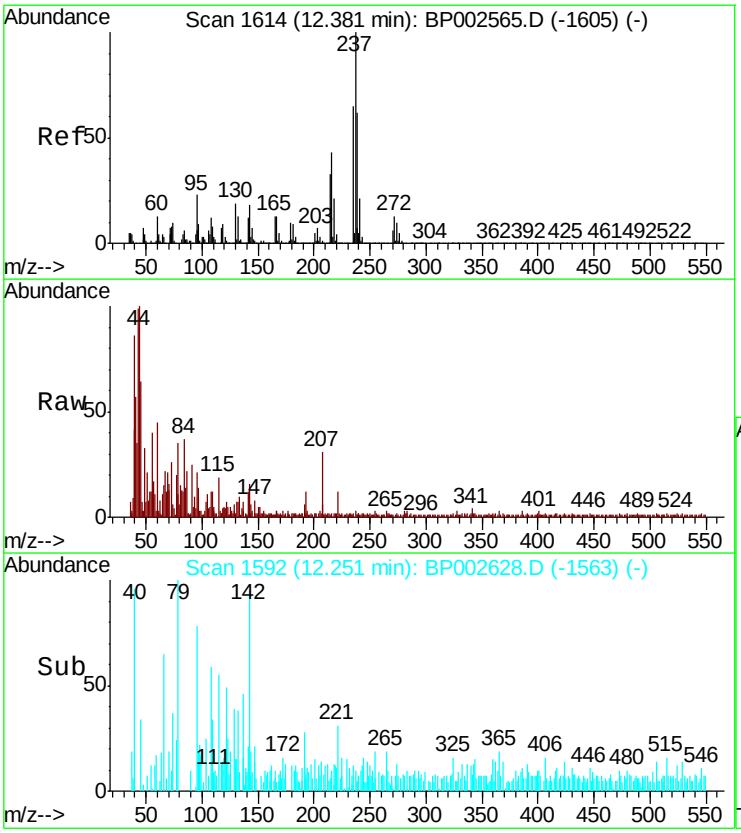
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BP002628.D
Acq: 02 Jul 2020 13:41

Instrument :
BNA_P
ClientSampleId :
SP2-J

Tgt Ion:164 Resp: 674041

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.3	120.5
160	44.9	35.0	52.6

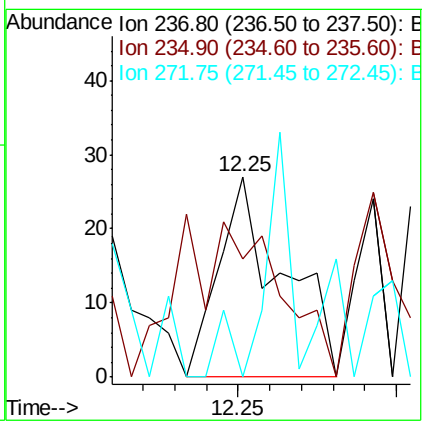


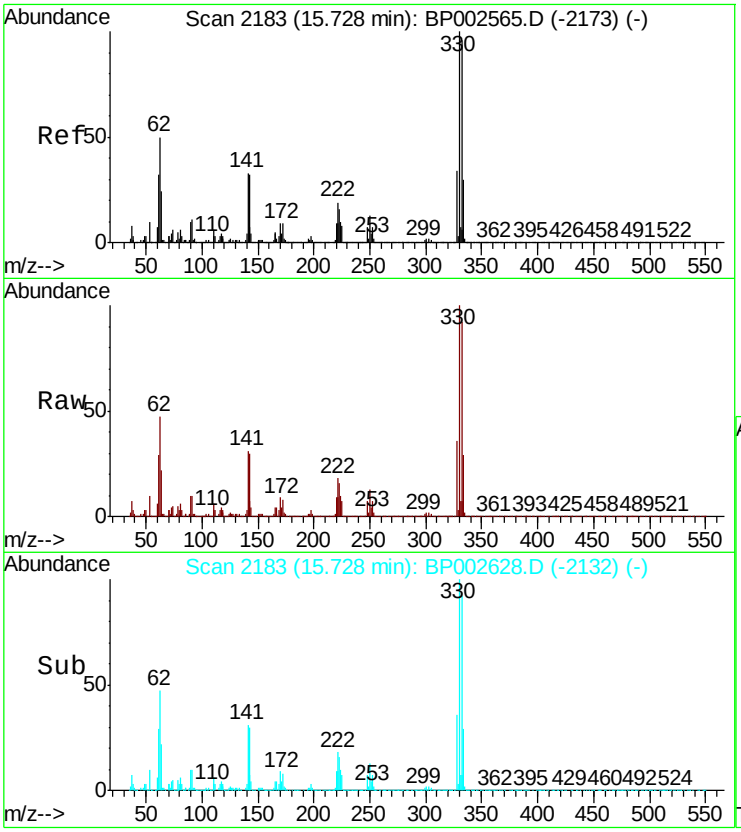


#41
Hexachlorocyclopentadiene
Concen: 4.385 ng
RT: 12.25 min Scan# 1592
Delta R.T. -0.13 min
Lab File: BP002628.D
Acq: 02 Jul 2020 13:41

Tgt Ion:237 Resp: 37

Ion	Ratio	Lower	Upper
237	100		
235	59.3	45.4	85.4
272	0.0	0.0	32.6



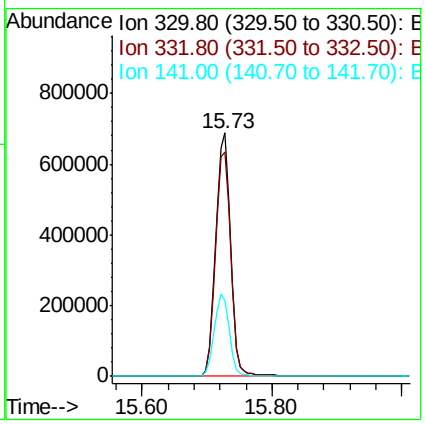


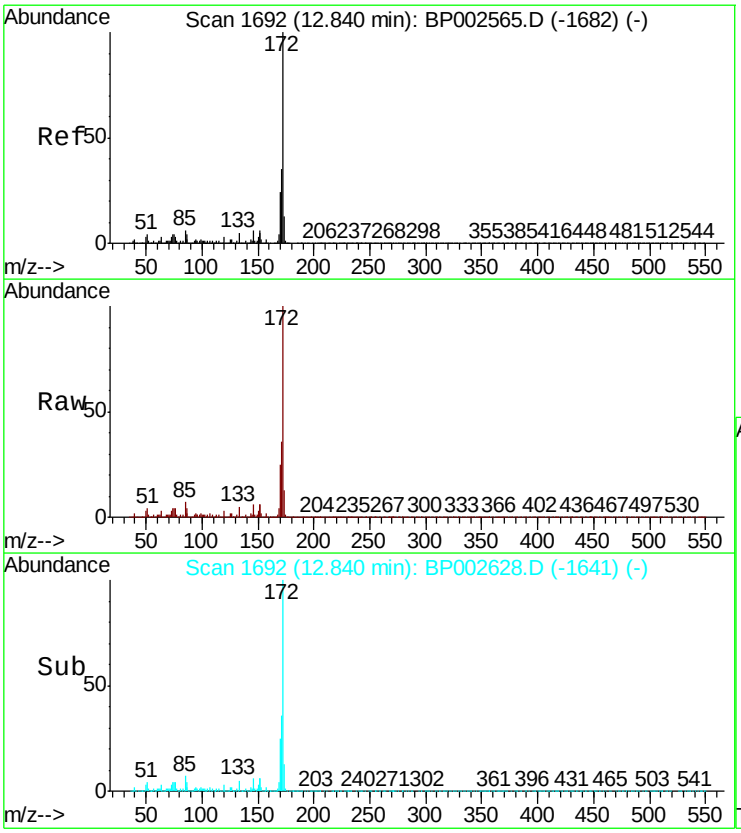
#42
2,4,6-Tribromophenol
Concen: 133.519 ng
RT: 15.73 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BP002628.D
Acq: 02 Jul 2020 13:41

Instrument :
BNA_P
ClientSampleId :
SP2-J

Tgt Ion:330 Resp: 1094622

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.7	116.5
141	34.3	29.0	43.6

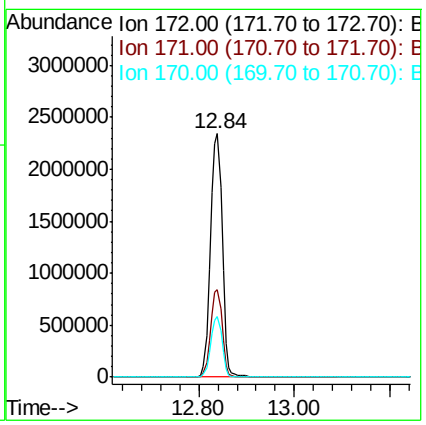


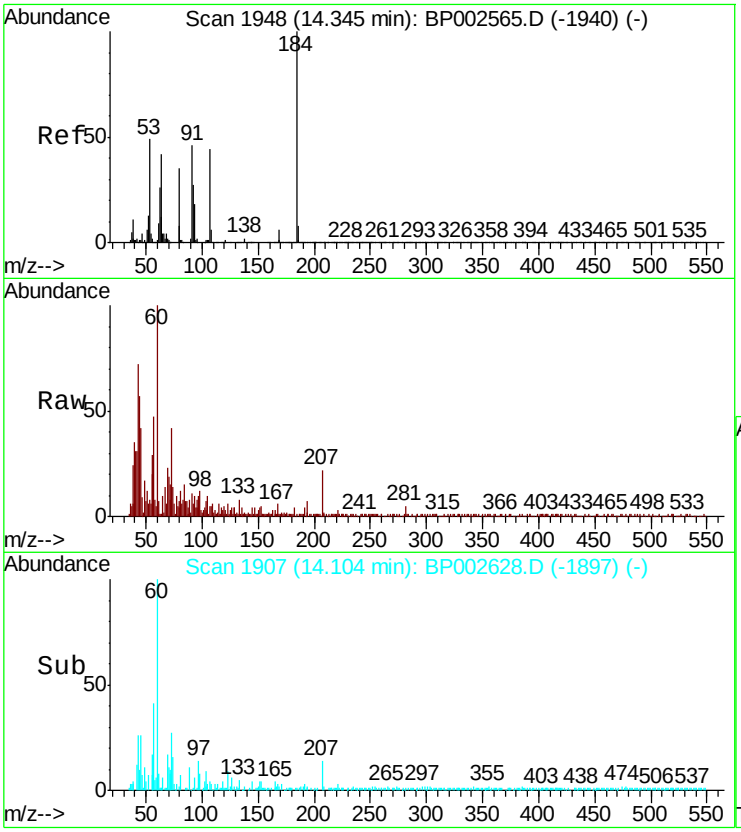


#45
2-Fluorobiphenyl
Concen: 87.875 ng
RT: 12.84 min Scan# 1692
Delta R.T. -0.00 min
Lab File: BP002628.D
Acq: 02 Jul 2020 13:41

Tgt Ion:172 Resp: 4024315

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.0	42.0
170	24.6	19.0	28.4



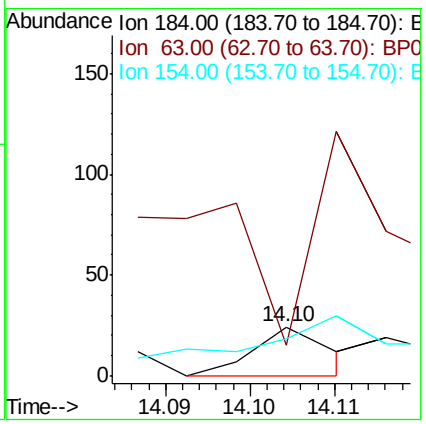


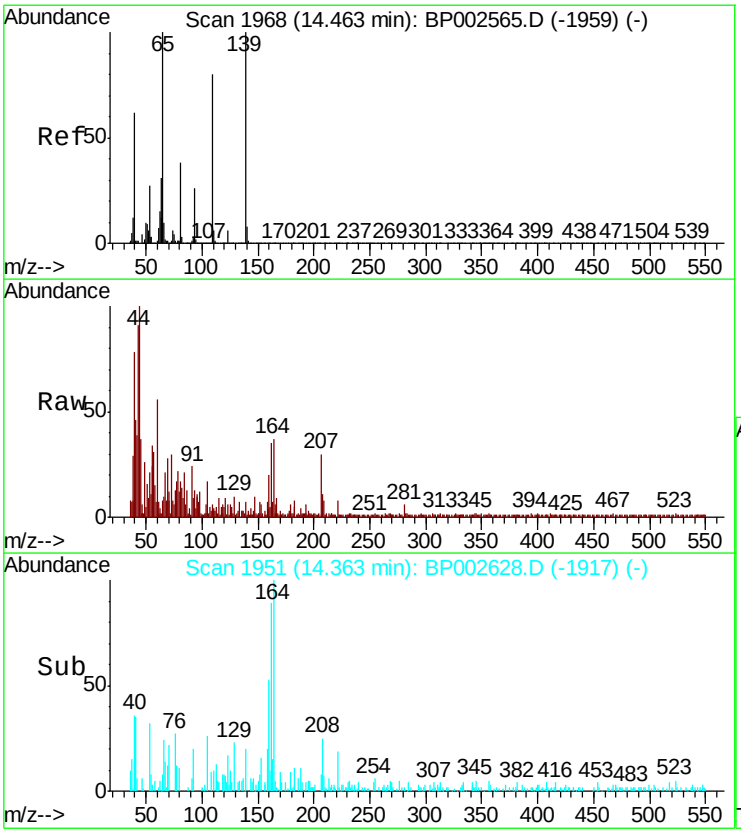
#54
2,4-Dinitrophenol
Concen: 6.011 ng
RT: 14.10 min Scan# 1907
Delta R.T. -0.24 min
Lab File: BP002628.D
Acq: 02 Jul 2020 13:41

Instrument :
BNA_P
ClientSampleId :
SP2-J

Tgt Ion:184 Resp: 15

Ion	Ratio	Lower	Upper
184	100		
63	62.5	56.2	84.2
154	75.0	50.9	76.3

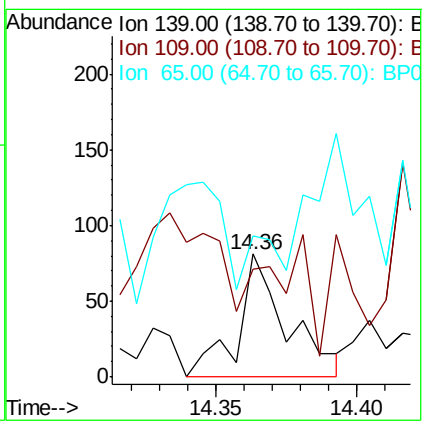


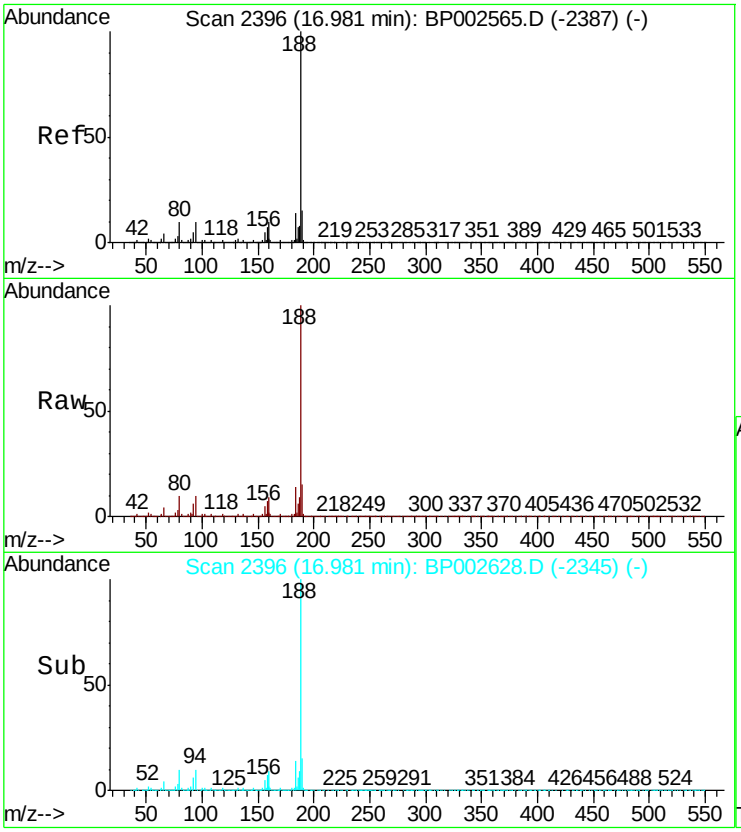


#56
4-Nitrophenol
Concen: 2.446 ng
RT: 14.36 min Scan# 1951
Delta R.T. -0.10 min
Lab File: BP002628.D
Acq: 02 Jul 2020 13:41

Tgt Ion:139 Resp: 97

Ion	Ratio	Lower	Upper
139	100		
109	87.7	60.1	100.1
65	114.8	80.3	120.3



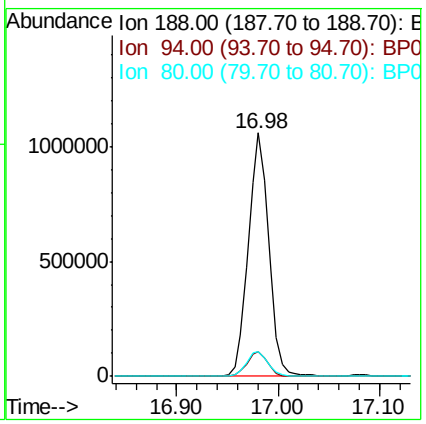


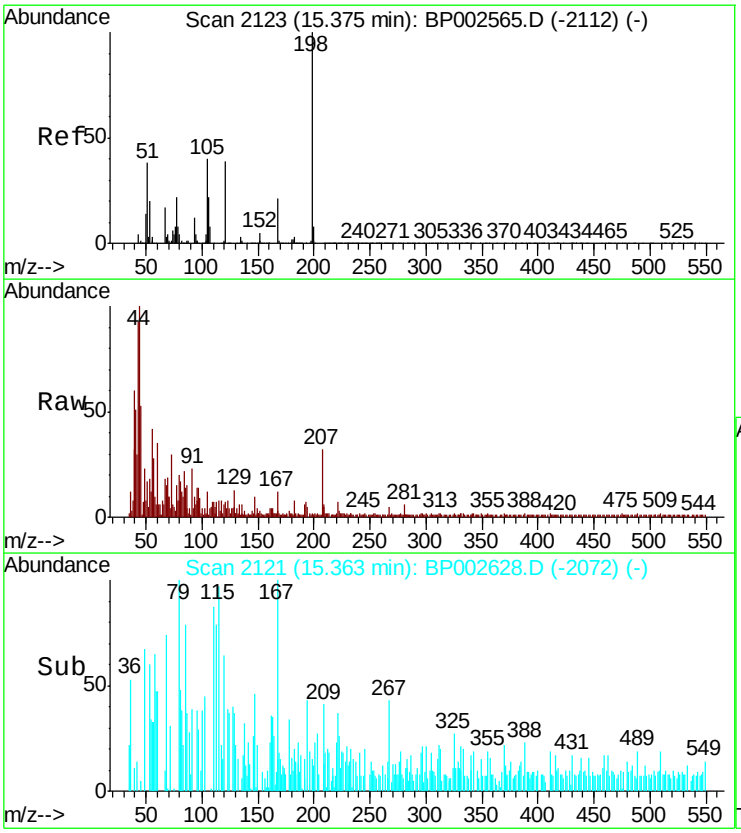
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BP002628.D
Acq: 02 Jul 2020 13:41

Instrument :
BNA_P
ClientSampleId :
SP2-J

Tgt Ion:188 Resp: 1480213

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.8	11.6
80	10.4	8.2	12.4

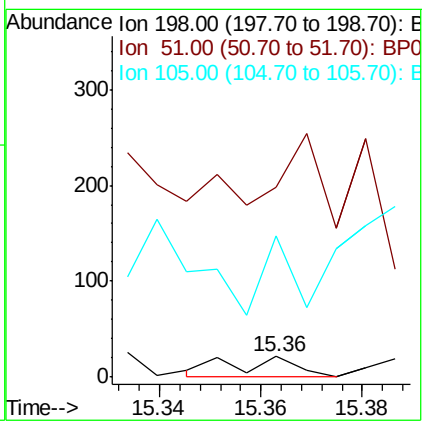


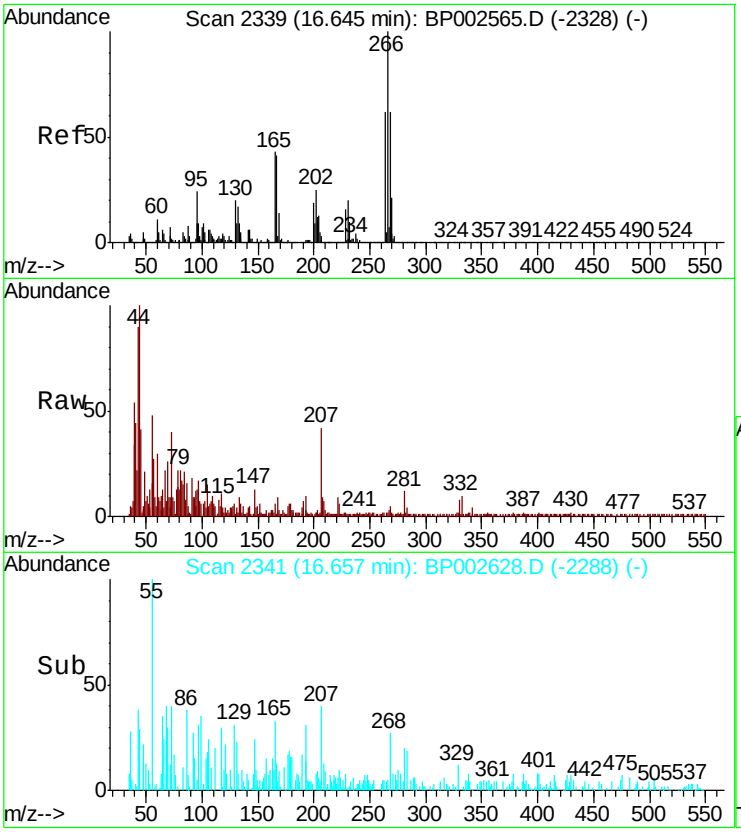


#65
4,6-Dinitro-2-methylphenol
Concen: 2.711 ng
RT: 15.36 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BP002628.D
Acq: 02 Jul 2020 13:41

Tgt Ion:198 Resp: 18

Ion	Ratio	Lower	Upper
198	100		
51	942.9	24.2	64.2#
105	700.0	20.7	60.7#



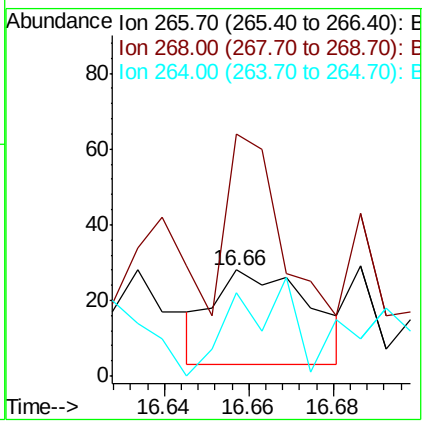


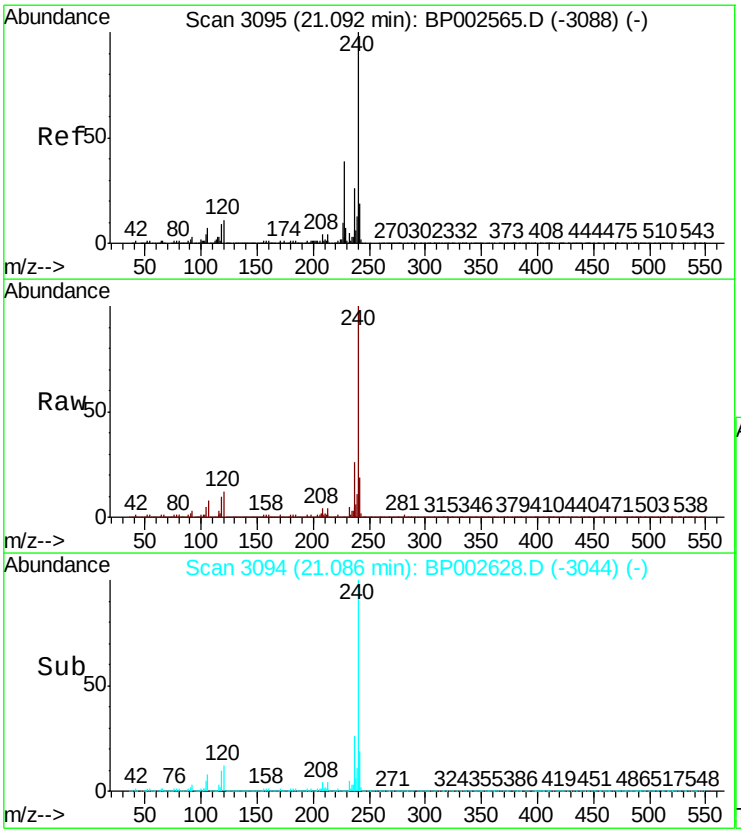
#70
Pentachlorophenol
Concen: 2.665 ng
RT: 16.66 min Scan# 2341
Delta R.T. 0.01 min
Lab File: BP002628.D
Acq: 02 Jul 2020 13:41

Instrument :
BNA_P
ClientSampleId :
SP2-J

Tgt Ion:266 Resp: 40

Ion	Ratio	Lower	Upper
266	100		
268	228.6	49.7	74.5#
264	78.6	49.3	73.9#

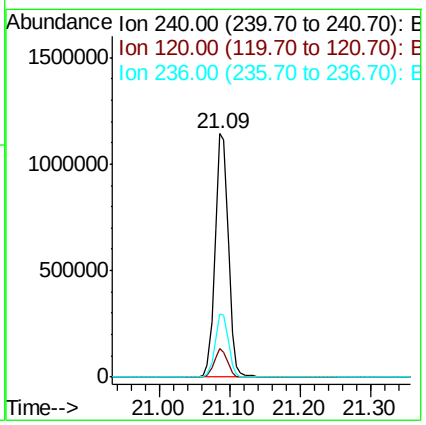


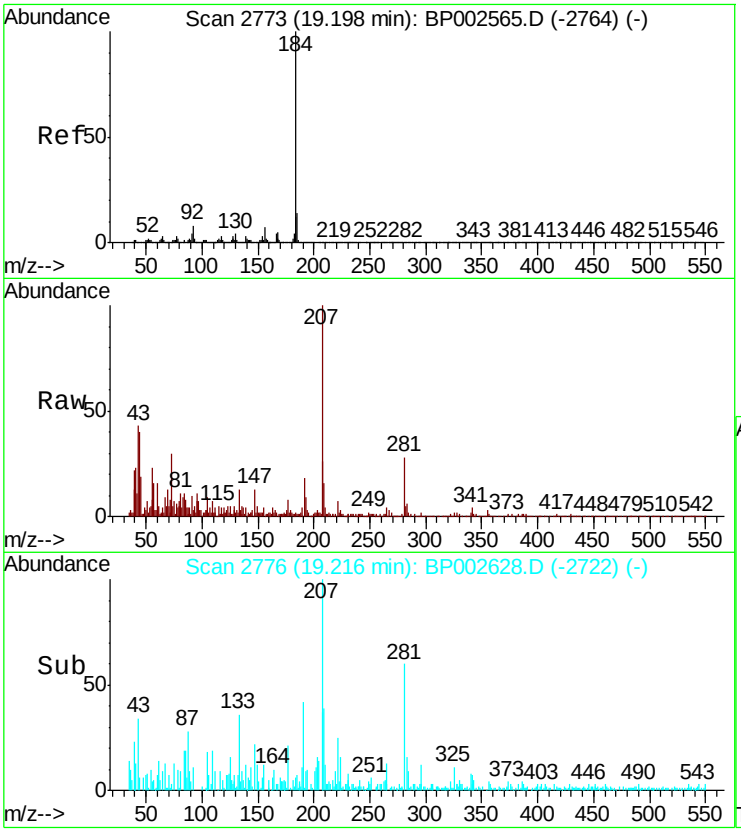


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002628.D
Acq: 02 Jul 2020 13:41

Tgt Ion:240 Resp: 1493178

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.6	13.0
236	26.1	20.8	31.2



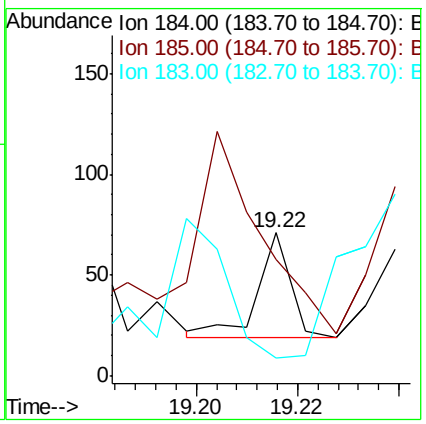


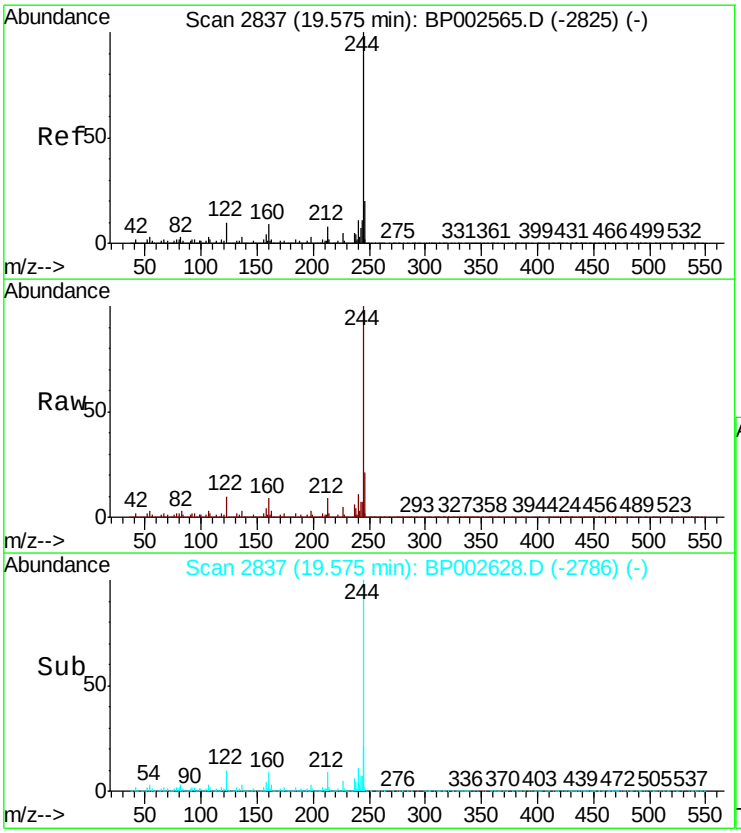
#77
Benzidine
Concen: 3.756 ng
RT: 19.22 min Scan# 2776
Delta R.T. 0.02 min
Lab File: BP002628.D
Acq: 02 Jul 2020 13:41

Instrument :
BNA_P
ClientSampleId :
SP2-J

Tgt Ion:184 Resp: 23

Ion	Ratio	Lower	Upper
184	100		
185	81.7	11.4	17.2#
183	12.7	9.2	13.8

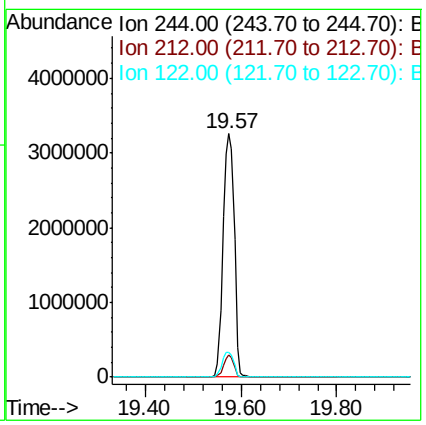


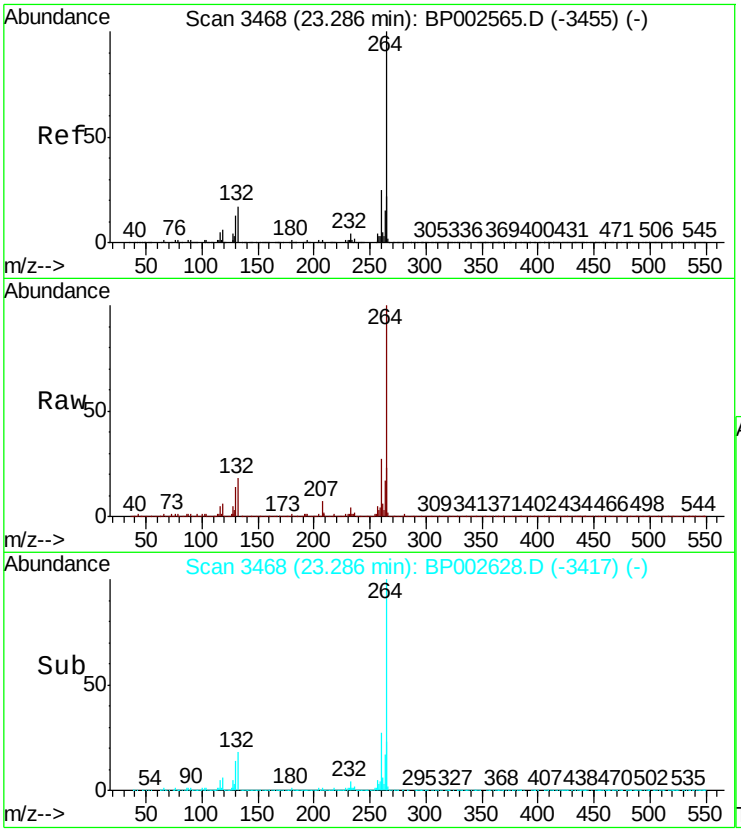


#79
Terphenyl-d14
Concen: 76.453 ng
RT: 19.57 min Scan# 2837
Delta R.T. -0.00 min
Lab File: BP002628.D
Acq: 02 Jul 2020 13:41

Tgt Ion:244 Resp: 5288831

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.5	9.7
122	10.0	7.9	11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.00 min
Lab File: BP002628.D
Acq: 02 Jul 2020 13:41

Instrument :
BNA_P
ClientSampleId :
SP2-J

Tgt Ion:264 Resp: 1366323

Ion	Ratio	Lower	Upper
264	100		
260	26.8	19.7	29.5
265	23.2	17.6	26.4