Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
Data File : BP011754.D
Acq On : 20 Sep 2022 02:12
Operator : CG/JU
Sample : N4682-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
006-2

Quant Time: Sep 20 04:54:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 04:42:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	438521	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	1959441	20.000	ng	# 0.00
39) Acenaphthene-d10	14.575	164	1283759	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	2701139	20.000	ng	# 0.00
76) Chrysene-d12	21.404	240	2524646	20.000	ng	# 0.00
86) Perylene-d12	23.851	264	2462234	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2298583	95.409	ng	0.00
7) Phenol-d6	7.093	99	2234457	69.578	ng	0.00
23) Nitrobenzene-d5	9.098	82	2919928	88.378	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	1531199	152.655	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	6905694	83.618	ng	0.00
79) Terphenyl-d14	19.880	244	10682756	92.015	ng	0.00
Target Compounds						Qvalue
26) 2-Nitrophenol	9.840	139	34	3.568	ng	# 1
32) Benzoic acid	10.040	122	346	6.650	ng	# 10
53) 3-Nitroaniline	14.492	138	58	2.388	ng	# 1
54) 2,4-Dinitrophenol	14.680	184	19	6.582	ng	# 1
57) 2,4-Dinitrotoluene	14.945	165	197	2.995	ng	# 90
62) 4-Nitroaniline	15.622	138	22	2.729	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.692	198	17	5.854	ng	# 1

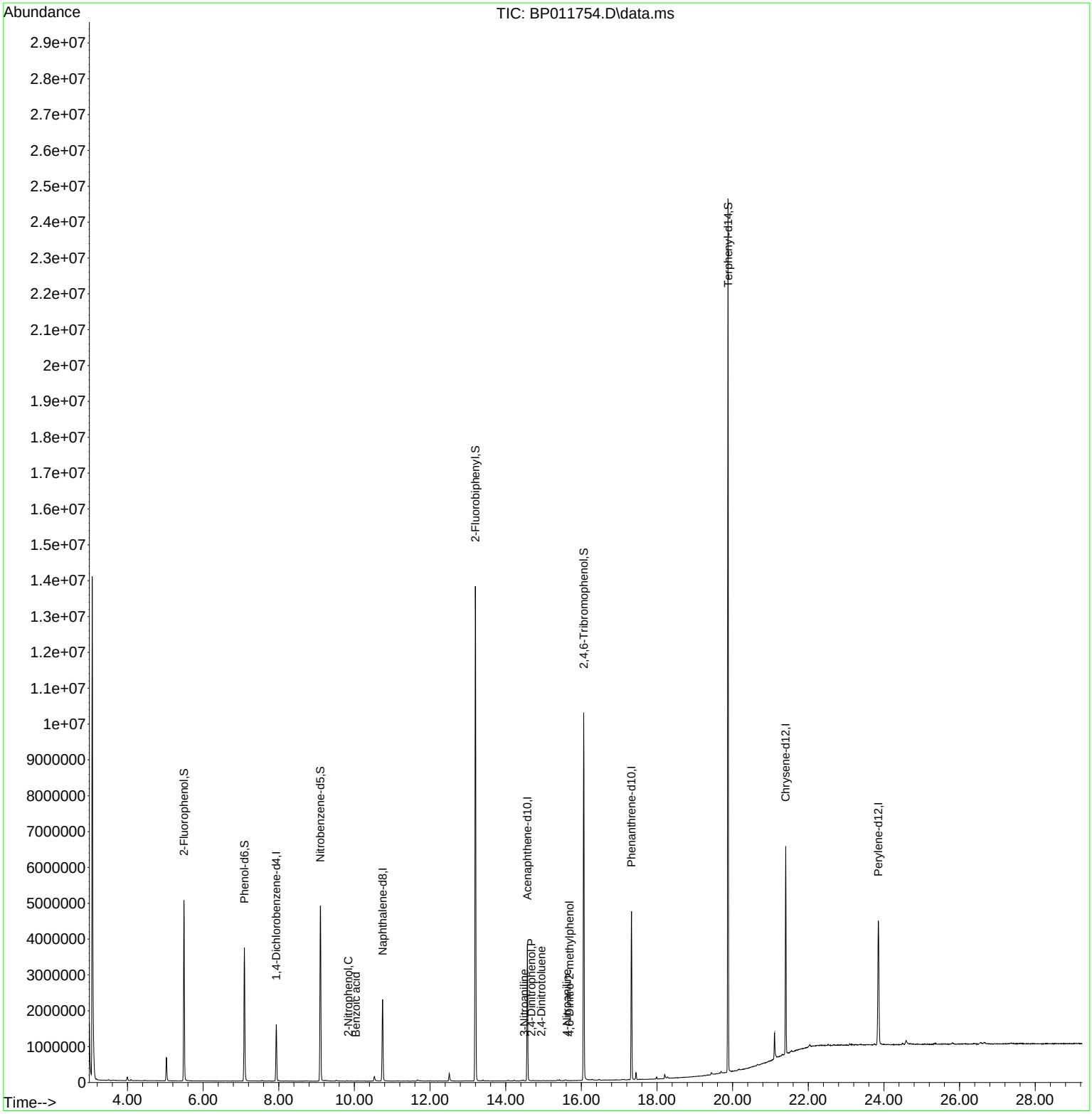
(#) = qualifier out of range (m) = manual integration (+) = signals summed

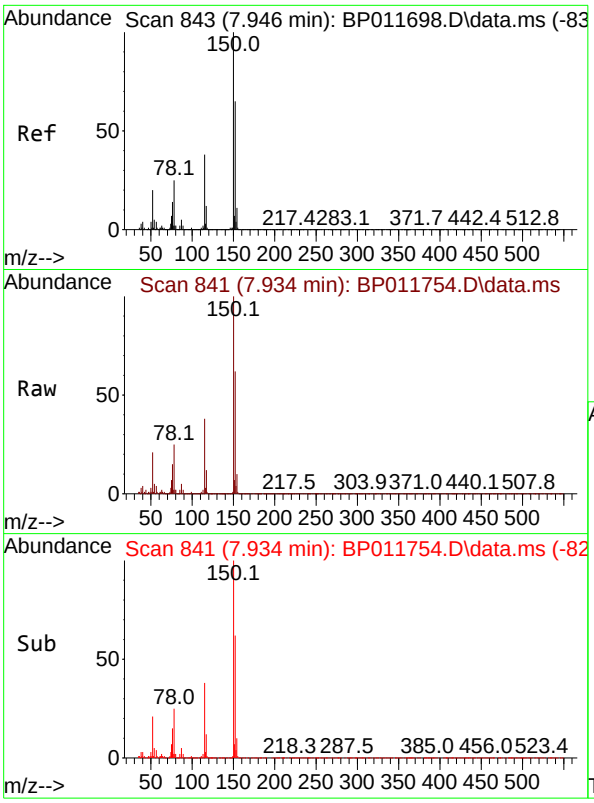
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
Data File : BP011754.D
Acq On : 20 Sep 2022 02:12
Operator : CG/JU
Sample : N4682-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
006-2

Quant Time: Sep 20 04:54:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 04:42:52 2022
Response via : Initial Calibration



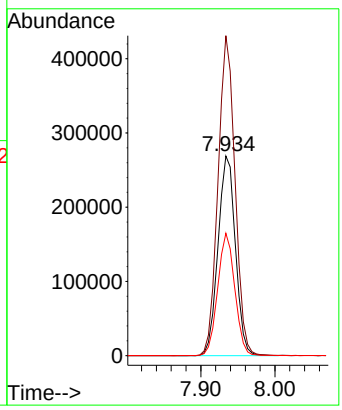


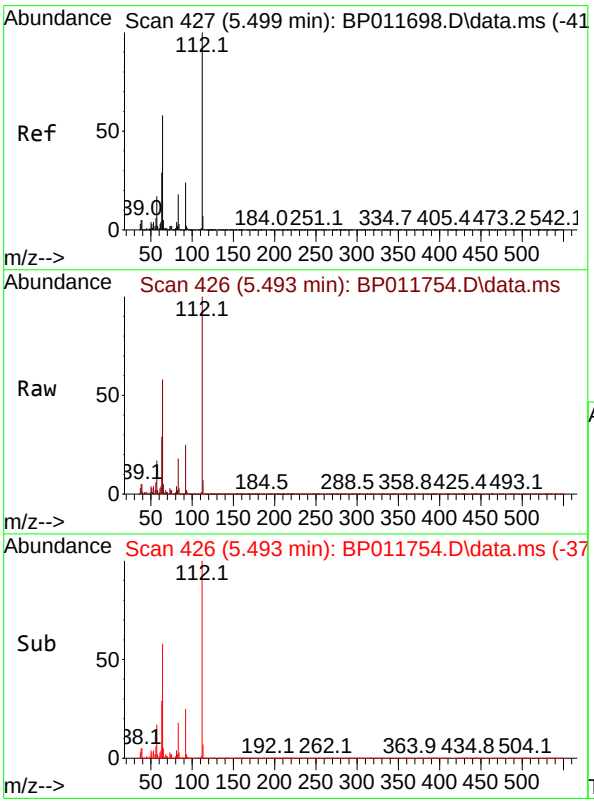
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 84
Delta R.T. -0.000 min
Lab File: BP011754.D
Acq: 20 Sep 2022 02:12

Instrument :
BNA_P
ClientSampleId :
006-2

Tgt Ion:152 Resp: 438521

Ion	Ratio	Lower	Upper
152	100		
150	160.2	123.4	185.2
115	61.3	51.3	76.9

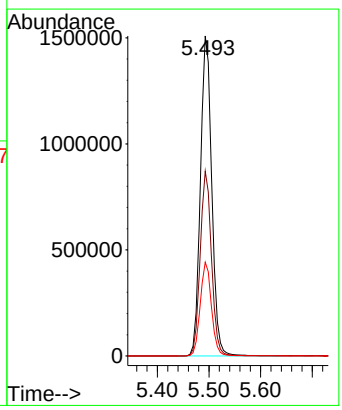


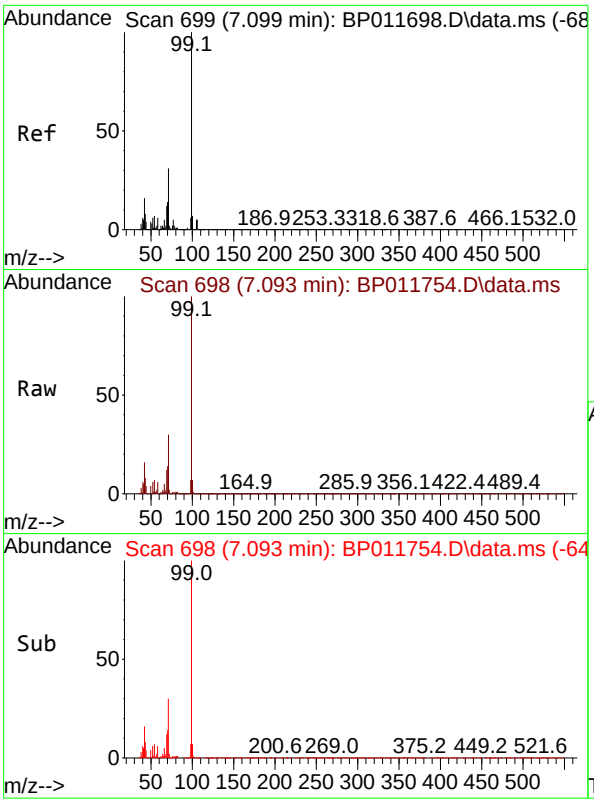


#5
2-Fluorophenol
Concen: 95.409 ng
RT: 5.493 min Scan# 426
Delta R.T. -0.000 min
Lab File: BP011754.D
Acq: 20 Sep 2022 02:12

Tgt Ion:112 Resp: 2298583

Ion	Ratio	Lower	Upper
112	100		
64	57.7	56.9	85.3
63	29.3	31.2	46.8#



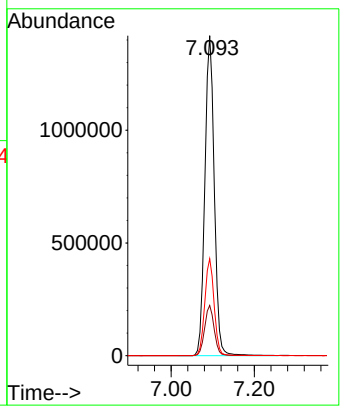


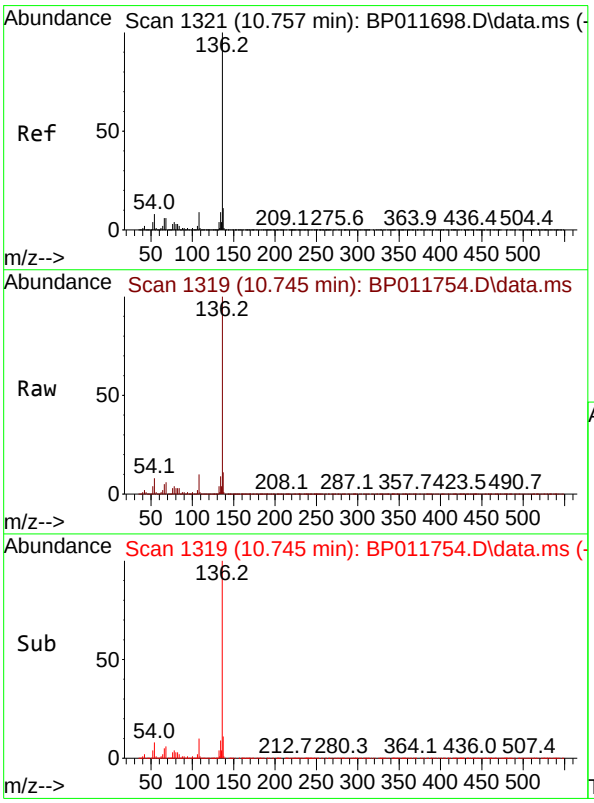
#7
Phenol-d6
Concen: 69.578 ng
RT: 7.093 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP011754.D
Acq: 20 Sep 2022 02:12

Instrument :
BNA_P
ClientSampleId :
006-2

Tgt Ion: 99 Resp: 2234457

Ion	Ratio	Lower	Upper
99	100		
42	15.7	20.3	30.5#
71	30.3	33.9	50.9#

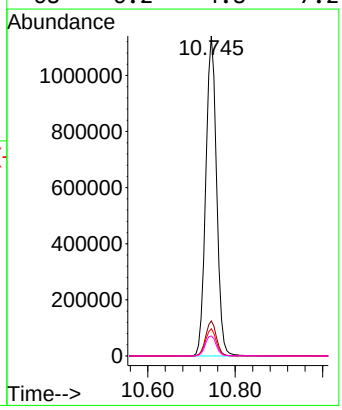


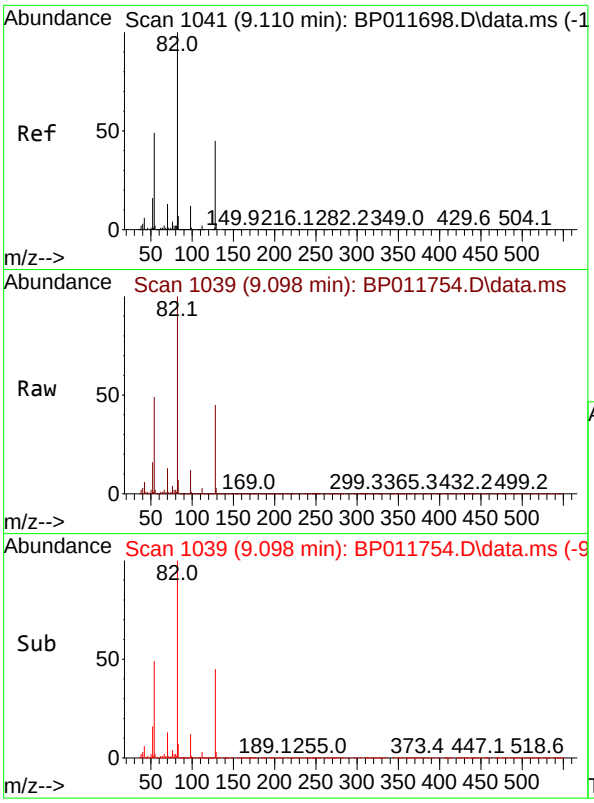


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BP011754.D
Acq: 20 Sep 2022 02:12

Tgt Ion:136 Resp: 1959441

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.5	8.7	13.1#
68	6.2	4.8	7.2



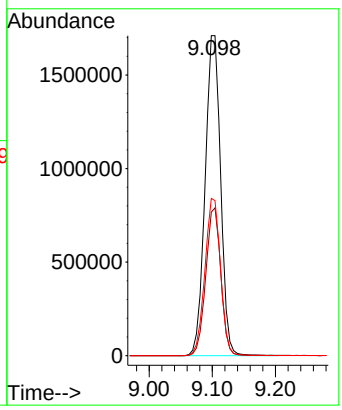


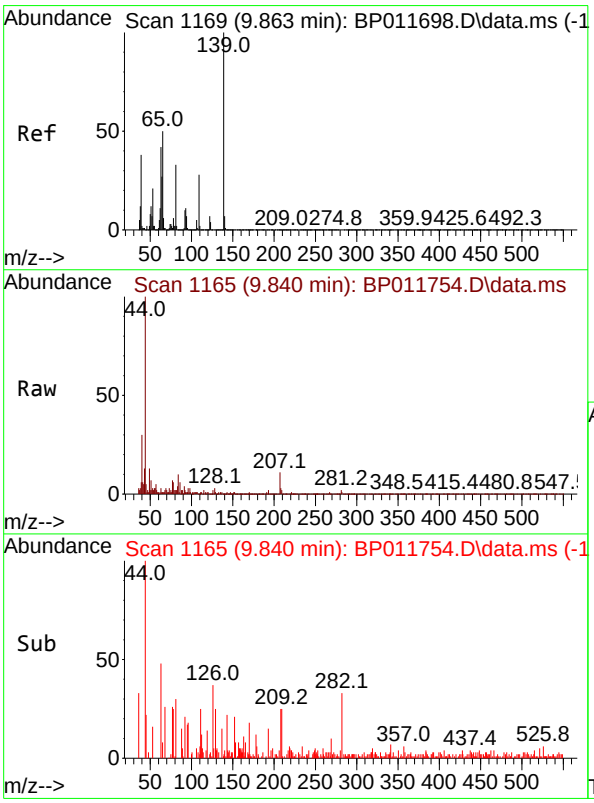
#23
Nitrobenzene-d5
Concen: 88.378 ng
RT: 9.098 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP011754.D
Acq: 20 Sep 2022 02:12

Instrument :
BNA_P
ClientSampleId :
006-2

Tgt Ion: 82 Resp: 2919928

Ion	Ratio	Lower	Upper
82	100		
128	44.8	31.3	46.9
54	49.2	49.8	74.8#

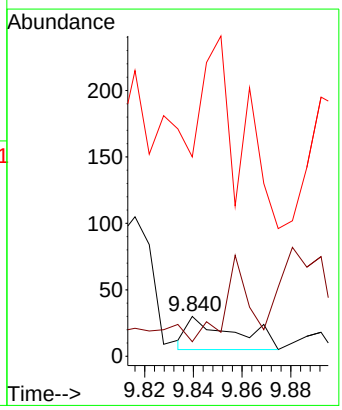


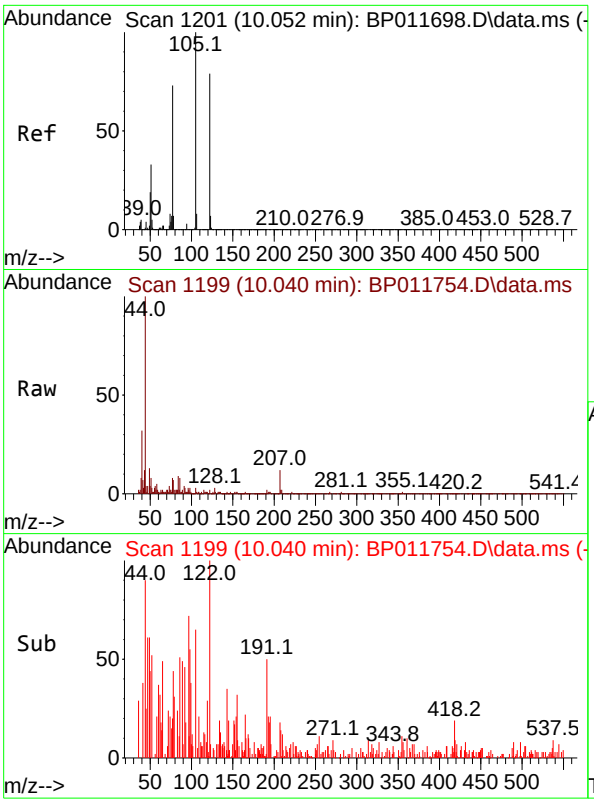


#26
2-Nitrophenol
Concen: 3.568 ng
RT: 9.840 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BP011754.D
Acq: 20 Sep 2022 02:12

Tgt Ion:139 Resp: 34

Ion	Ratio	Lower	Upper
139	100		
109	36.7	30.2	45.4
65	500.0	52.2	78.2#



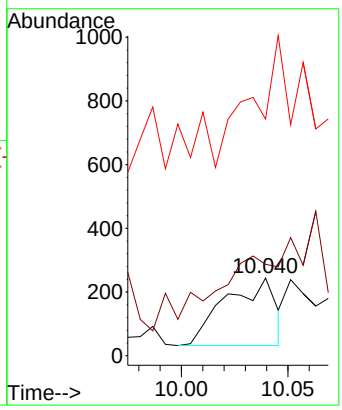


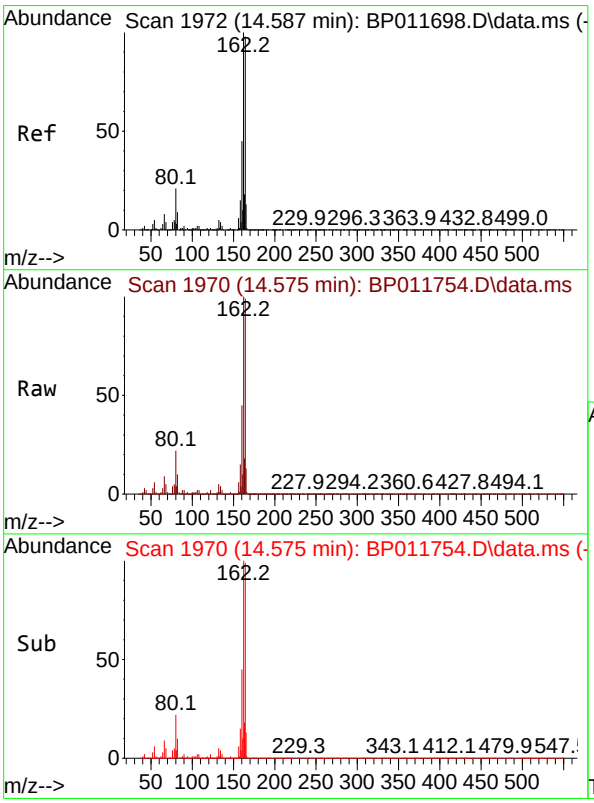
#32
Benzoic acid
Concen: 6.650 ng
RT: 10.040 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP011754.D
Acq: 20 Sep 2022 02:12

Instrument :
BNA_P
ClientSampleId :
006-2

Tgt Ion:122 Resp: 346

Ion	Ratio	Lower	Upper
122	100		
105	117.6	112.6	152.6
77	304.5	90.2	130.2#

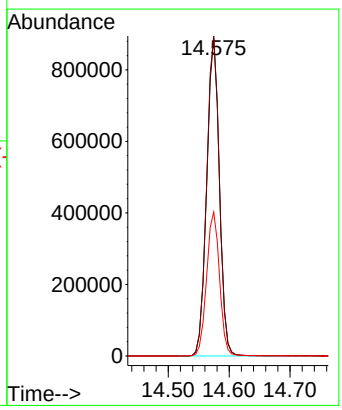


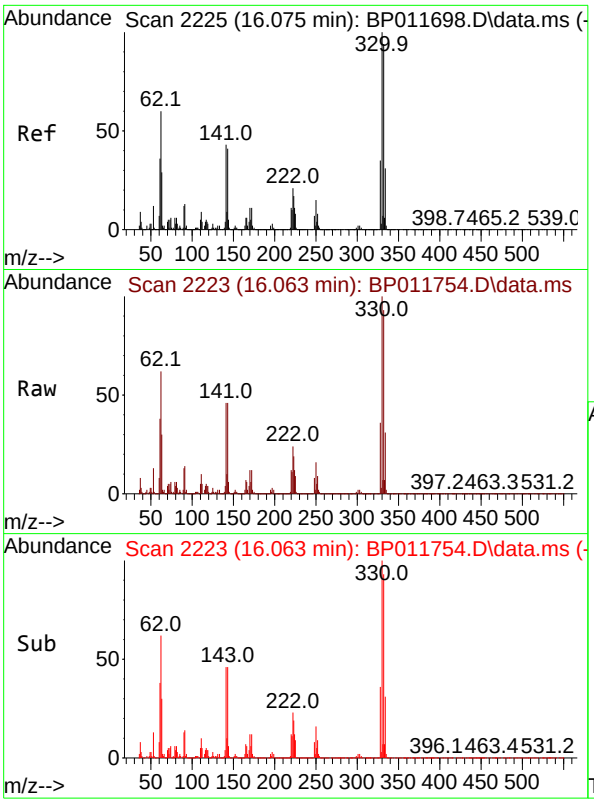


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1970
Delta R.T. -0.000 min
Lab File: BP011754.D
Acq: 20 Sep 2022 02:12

Tgt Ion:164 Resp: 1283759

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.9	122.9
160	45.2	34.6	51.8



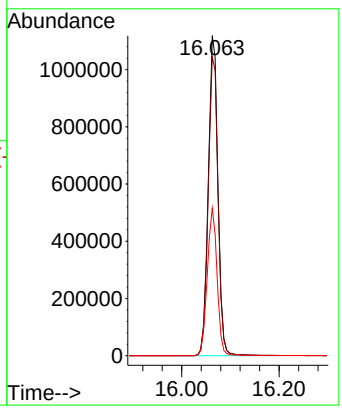


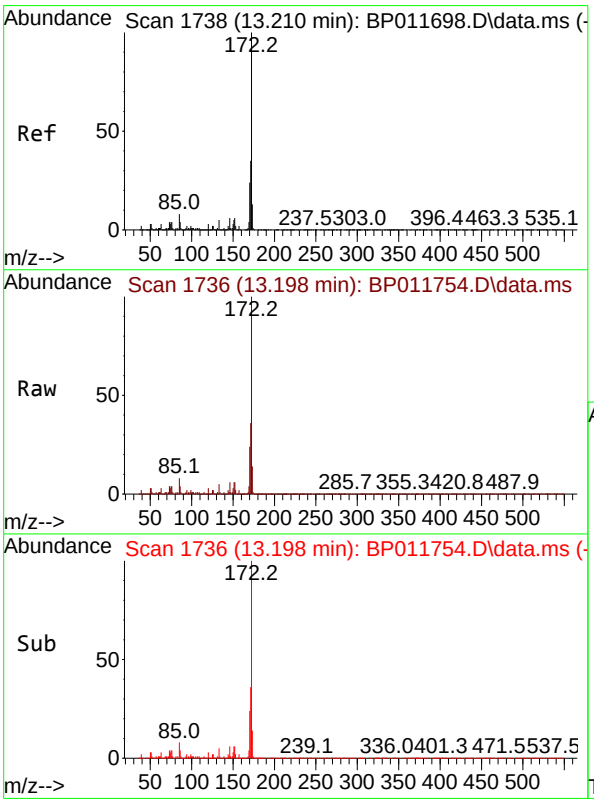
#42
2,4,6-Tribromophenol
Concen: 152.655 ng
RT: 16.063 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP011754.D
Acq: 20 Sep 2022 02:12

Instrument :
BNA_P
ClientSampleId :
006-2

Tgt Ion:330 Resp: 1531199

Ion	Ratio	Lower	Upper
330	100		
332	95.0	78.1	117.1
141	46.9	31.4	47.2

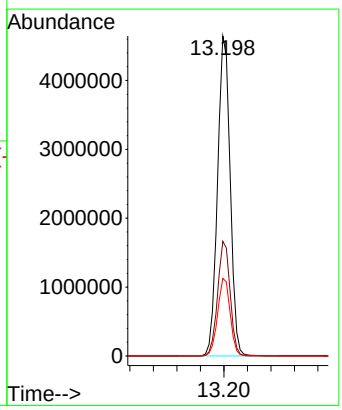


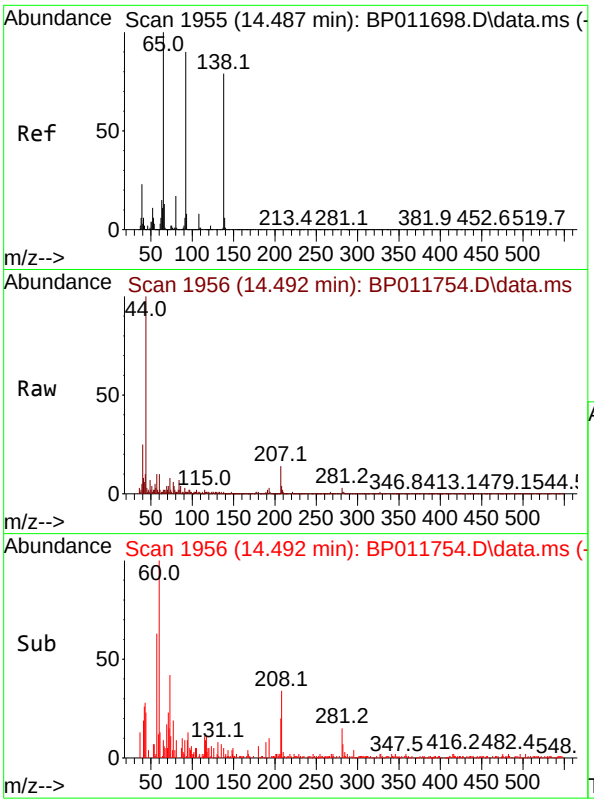


#45
2-Fluorobiphenyl
Concen: 83.618 ng
RT: 13.198 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BP011754.D
Acq: 20 Sep 2022 02:12

Tgt Ion:172 Resp: 6905694

Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.9	41.9
170	24.3	18.2	27.2



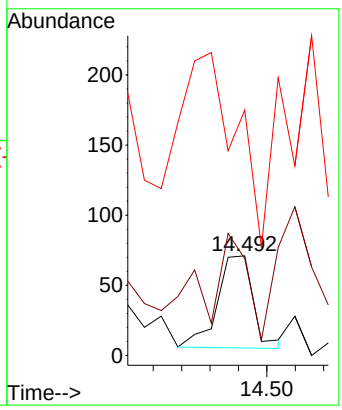


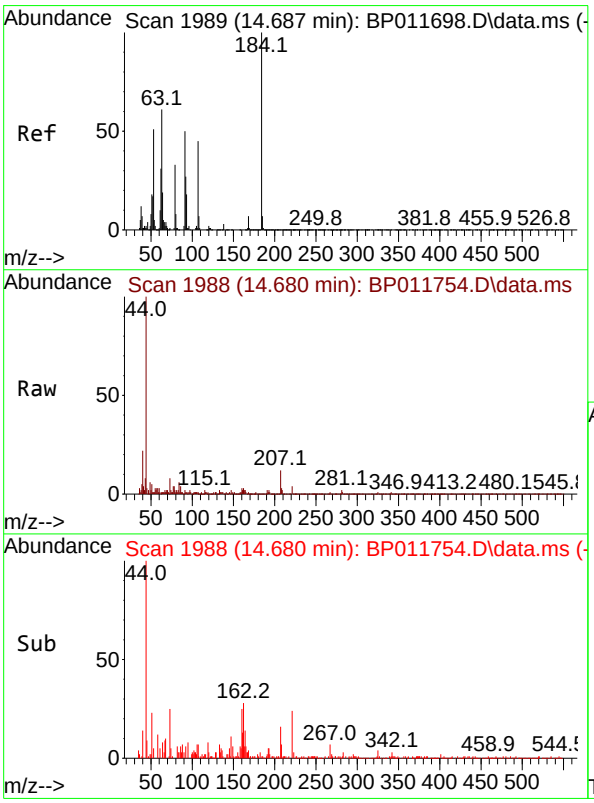
#53
3-Nitroaniline
Concen: 2.388 ng
RT: 14.492 min Scan# 1
Delta R.T. 0.012 min
Lab File: BP011754.D
Acq: 20 Sep 2022 02:12

Instrument :
BNA_P
ClientSampleId :
006-2

Tgt Ion:138 Resp: 58

Ion	Ratio	Lower	Upper
138	100		
108	97.2	9.5	14.3#
92	246.5	99.9	149.9#

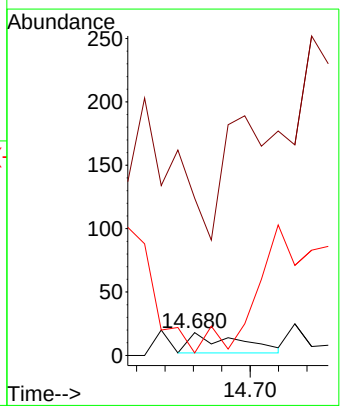


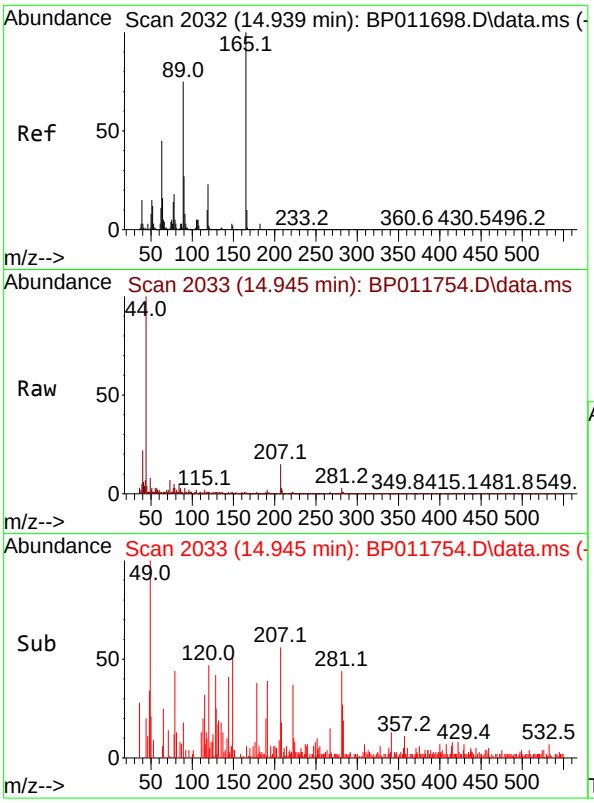


#54
2,4-Dinitrophenol
Concen: 6.582 ng
RT: 14.680 min Scan# 1988
Delta R.T. -0.000 min
Lab File: BP011754.D
Acq: 20 Sep 2022 02:12

Tgt Ion:184 Resp: 19

Ion	Ratio	Lower	Upper
184	100		
63	688.9	65.4	98.2#
154	11.1	55.4	83.2#



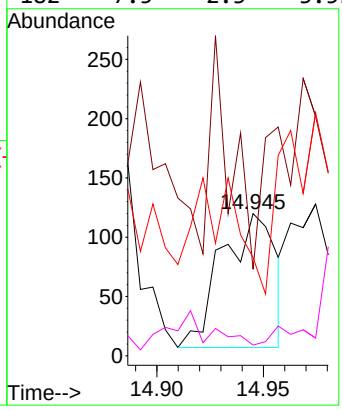


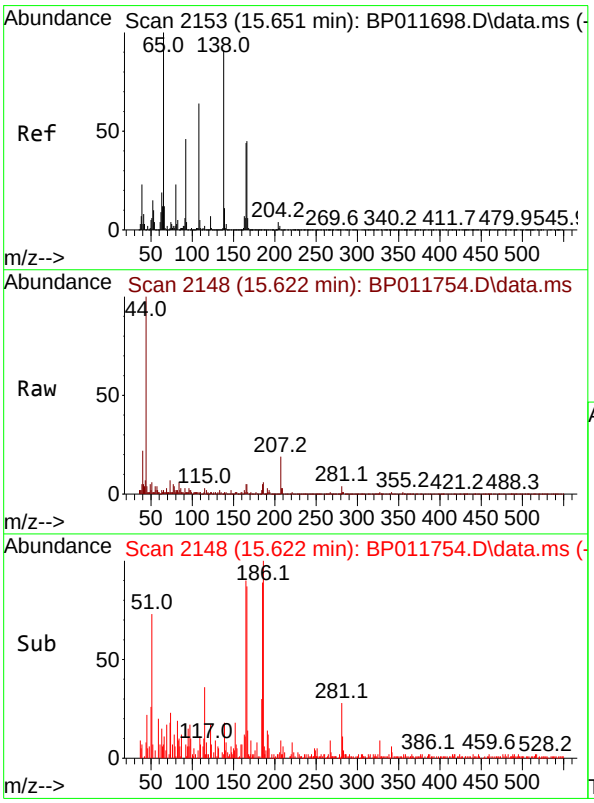
#57
2,4-Dinitrotoluene
Concen: 2.995 ng
RT: 14.945 min Scan# 2
Delta R.T. 0.012 min
Lab File: BP011754.D
Acq: 20 Sep 2022 02:12

Instrument :
BNA_P
ClientSampleId :
006-2

Tgt Ion:165 Resp: 197

Ion	Ratio	Lower	Upper
165	100		
63	60.8	46.2	69.2
89	69.2	65.8	98.8
182	7.5	2.3	3.5#

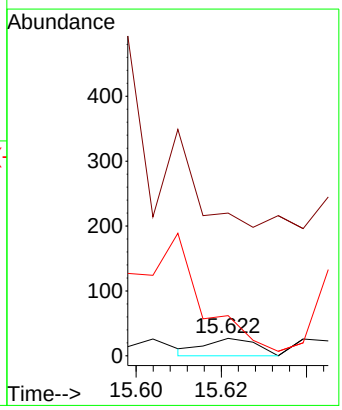


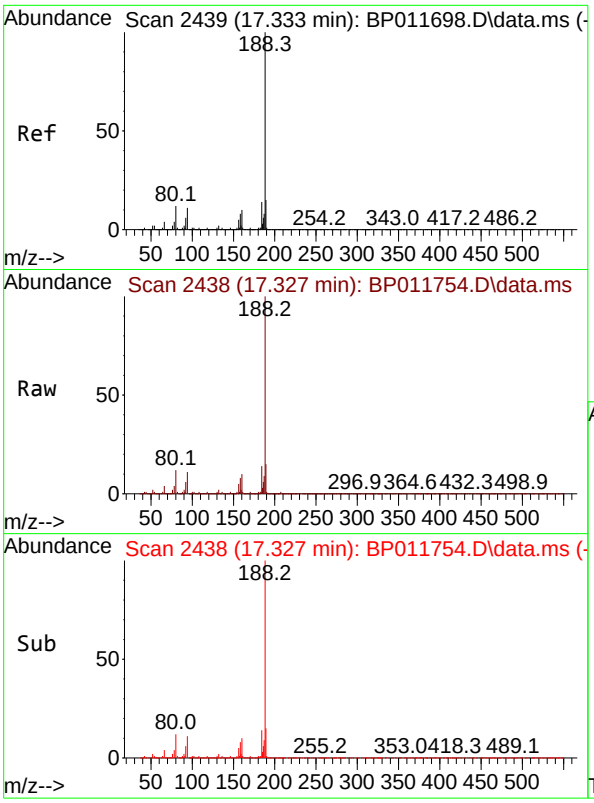


#62
4-Nitroaniline
Concen: 2.729 ng
RT: 15.622 min Scan# 2148
Delta R.T. -0.018 min
Lab File: BP011754.D
Acq: 20 Sep 2022 02:12

Tgt Ion:138 Resp: 22

Ion	Ratio	Lower	Upper
138	100		
92	814.8	38.0	78.0#
108	229.6	77.6	117.6#



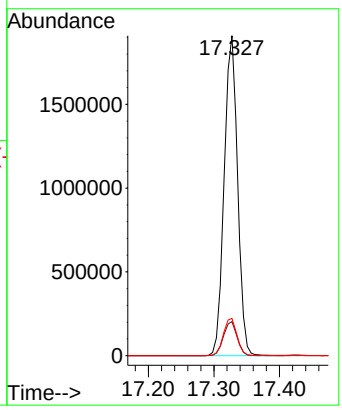


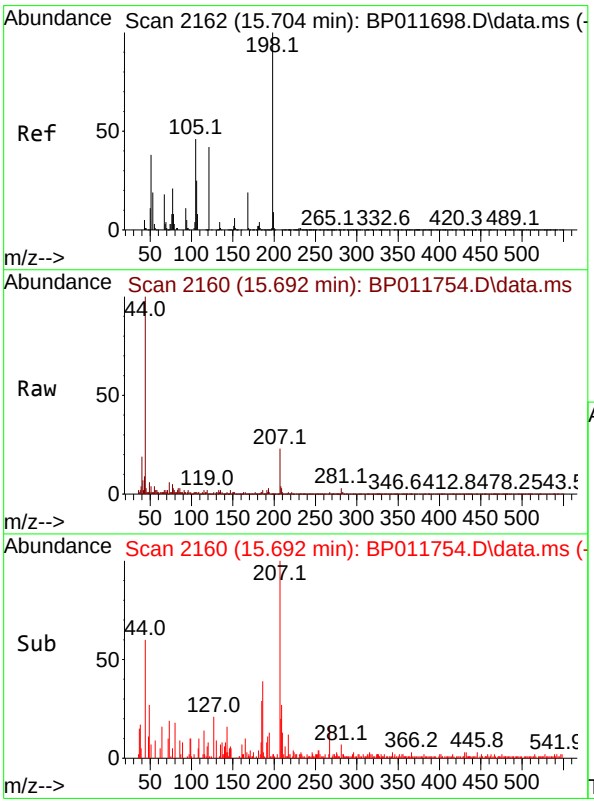
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 24
Delta R.T. -0.000 min
Lab File: BP011754.D
Acq: 20 Sep 2022 02:12

Instrument :
BNA_P
ClientSampleId :
006-2

Tgt Ion:188 Resp: 2701139

Ion	Ratio	Lower	Upper
188	100		
94	10.7	6.6	10.0#
80	11.7	8.0	12.0

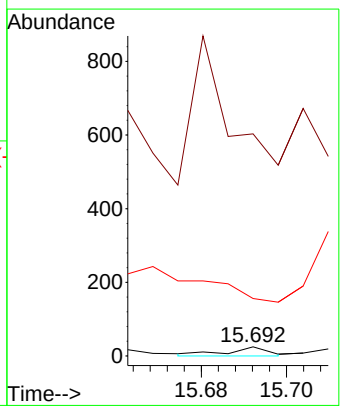


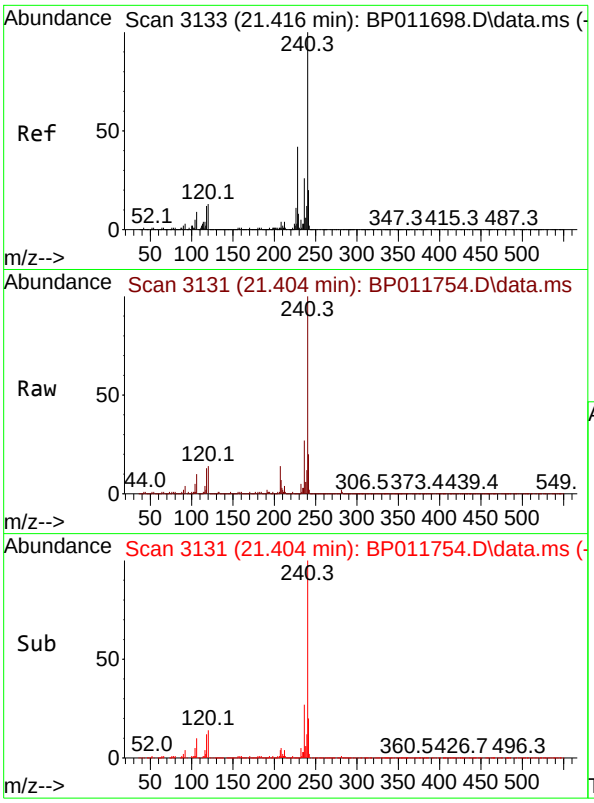


#65
4,6-Dinitro-2-methylphenol
Concen: 5.854 ng
RT: 15.692 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BP011754.D
Acq: 20 Sep 2022 02:12

Tgt Ion:198 Resp: 17

Ion	Ratio	Lower	Upper
198	100		
51	2412.0	41.2	81.2#
105	624.0	25.3	65.3#



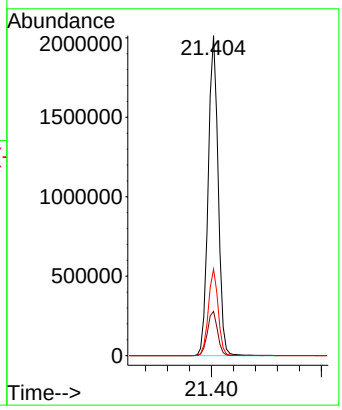


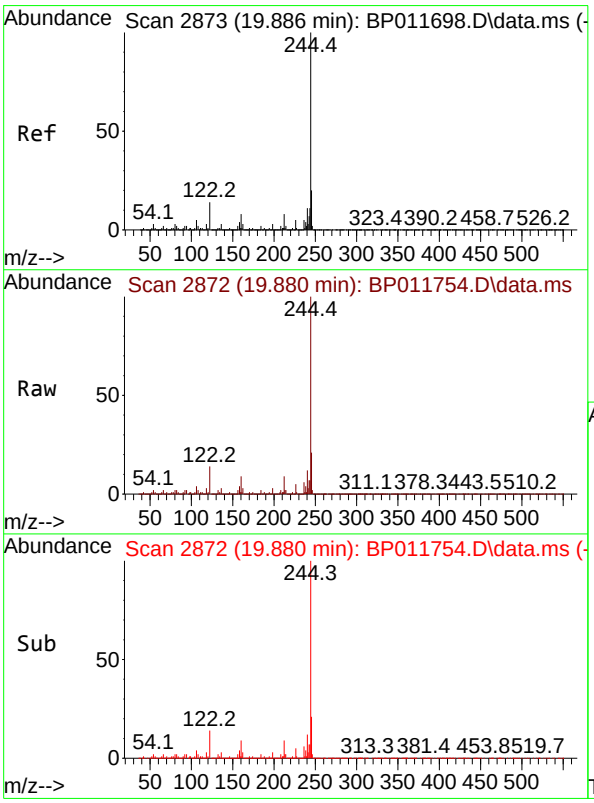
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP011754.D
Acq: 20 Sep 2022 02:12

Instrument :
BNA_P
ClientSampleId :
006-2

Tgt Ion:240 Resp: 2524646

Ion	Ratio	Lower	Upper
240	100		
120	13.8	8.6	12.8#
236	27.0	19.8	29.6

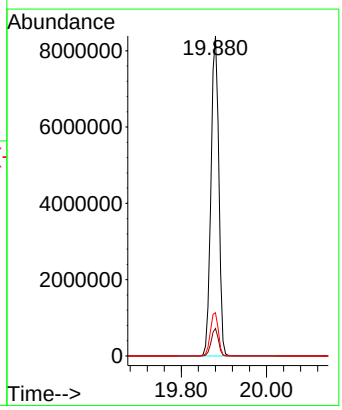


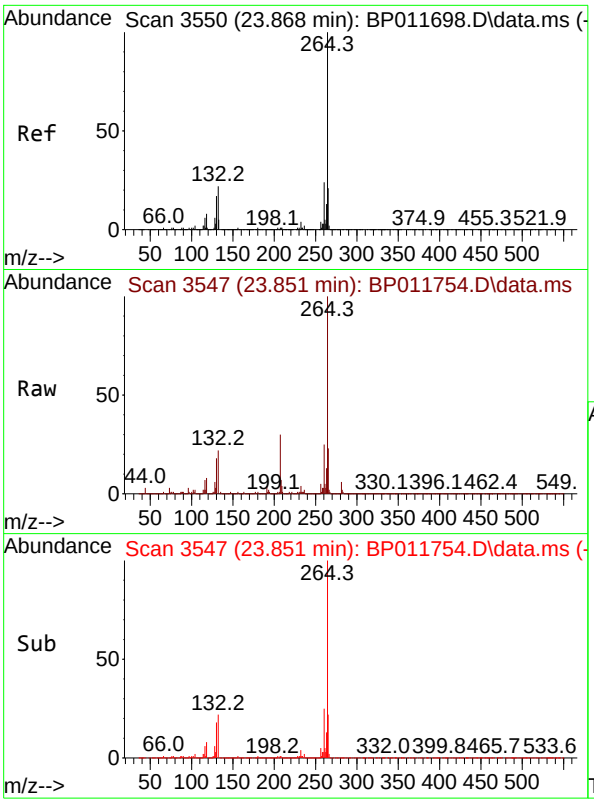


#79
Terphenyl-d14
Concen: 92.015 ng
RT: 19.880 min Scan# 2872
Delta R.T. 0.006 min
Lab File: BP011754.D
Acq: 20 Sep 2022 02:12

Tgt Ion:244 Resp:10682756

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	13.5	7.6	11.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.851 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP011754.D
Acq: 20 Sep 2022 02:12

Instrument :
BNA_P
ClientSampleId :
006-2

Tgt Ion:264 Resp: 2462234

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	22.5	18.0	27.0