Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
Data File : BP002472.D
Acq On : 19 Jun 2020 22:50
Operator : CG/JU
Sample : L3053-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-228

Quant Time: Jun 20 02:27:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	219218	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	781966	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	386833	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	760590	20.00	ng	0.00
76) Chrysene-d12	21.10	240	750242	20.00	ng	-0.01
86) Perylene-d12	23.30	264	762456	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	171608	14.49	ng	0.00
7) Phenol-d6	6.78	99	212458	13.47	ng	0.00
23) Nitrobenzene-d5	8.73	82	132737	10.14	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	51544	13.92	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	262349	11.40	ng	0.00
79) Terphenyl-d14	19.58	244	343414	-23.75	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.74	77	432	Below Cal	#	62
32) Benzoic acid	9.68	122	246	4.626	ng	90
54) 2,4-Dinitrophenol	14.33	184	44	2.798	ng #	1
61) 4-Chlorophenyl-phenylether	15.29	204	70	Below Cal	#	1

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

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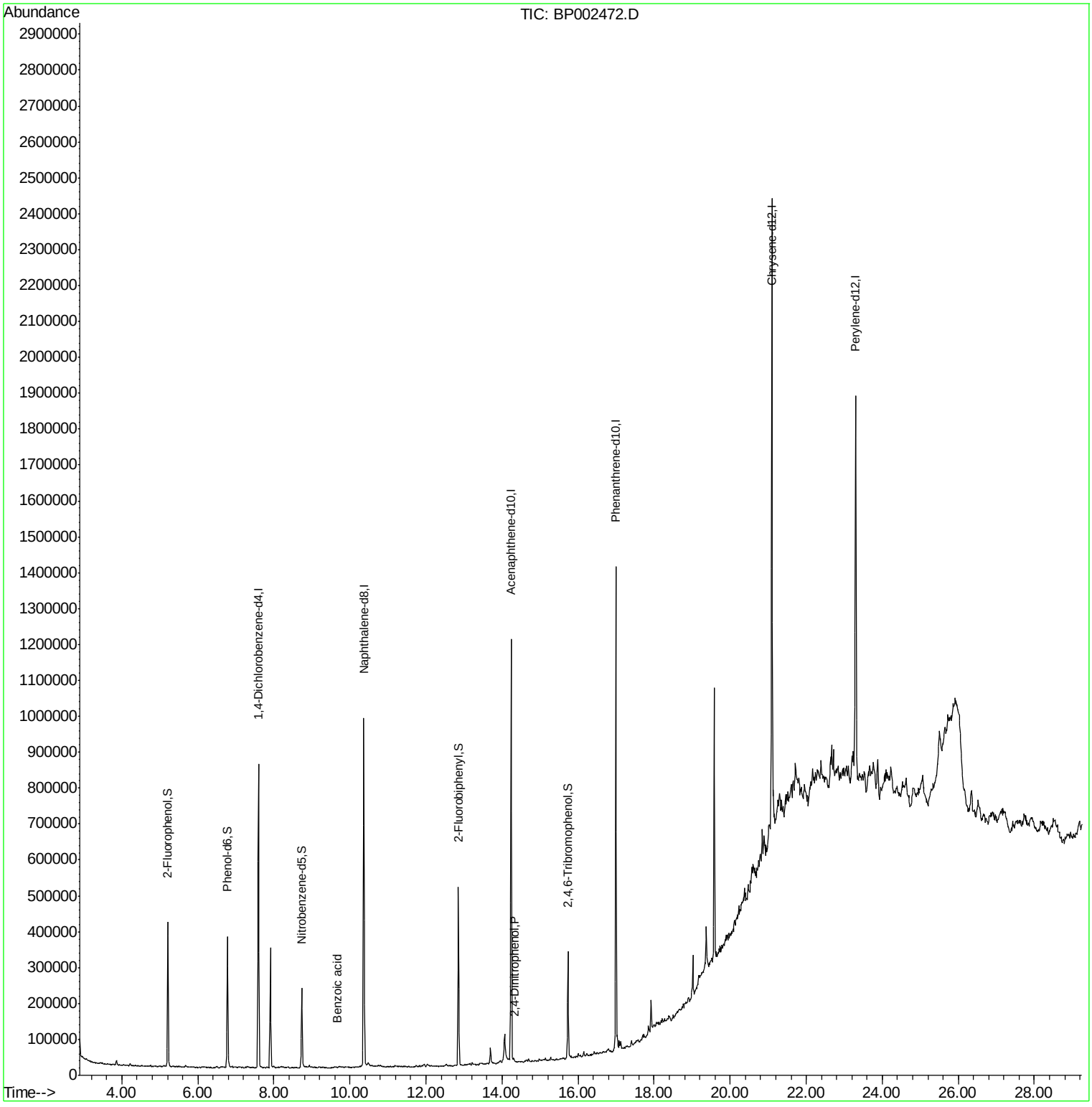
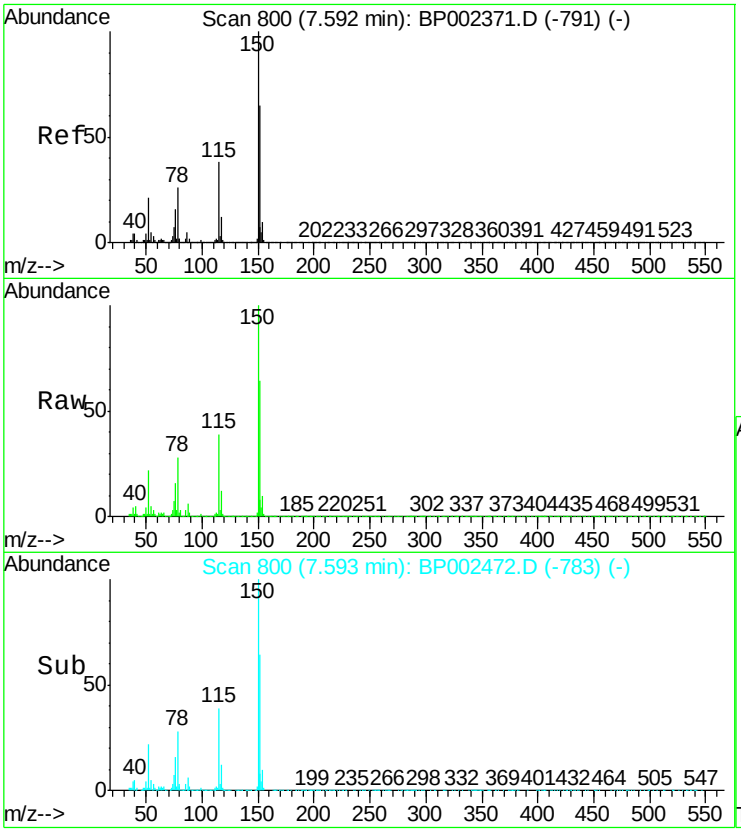


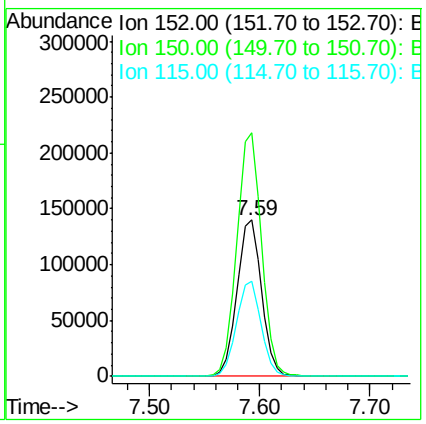


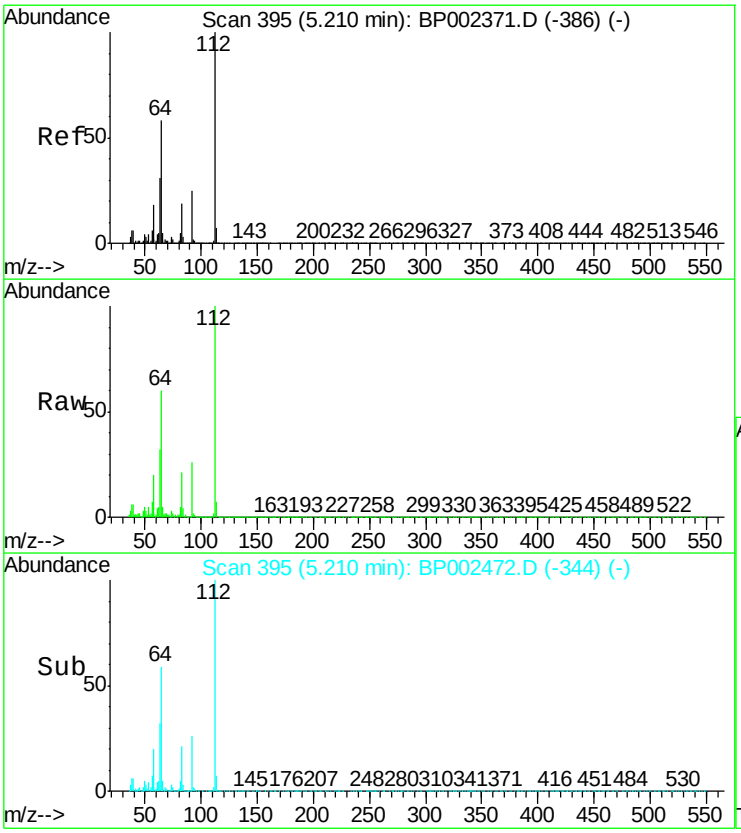
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 800
Delta R.T. 0.00 min
Lab File: BP002472.D
Acq: 19 Jun 2020 22:50

Instrument :
BNA_P
ClientSampleId :
VNJ-228

Tgt Ion:152 Resp: 219218

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.0	186.0
115	60.5	47.4	71.0

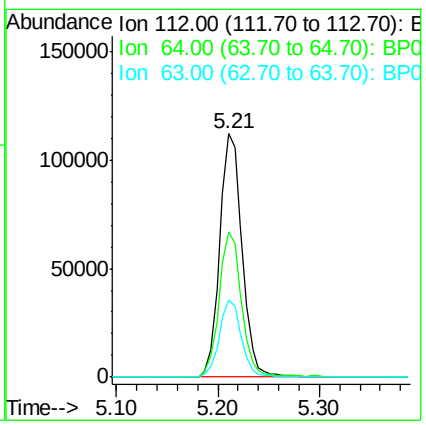


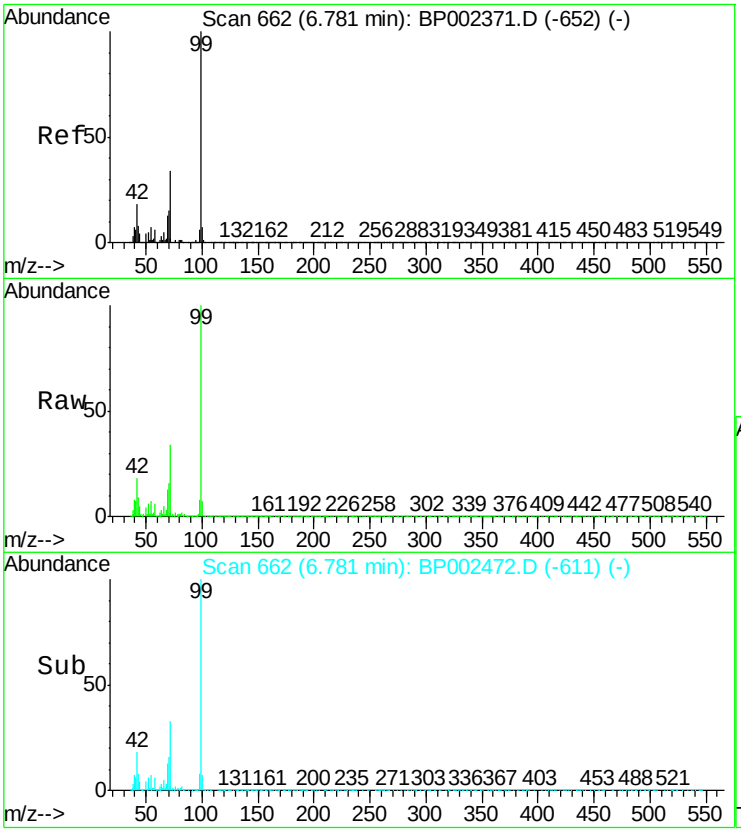


#5
2-Fluorophenol
Concen: 14.485 ng
RT: 5.21 min Scan# 395
Delta R.T. 0.00 min
Lab File: BP002472.D
Acq: 19 Jun 2020 22:50

Tgt Ion:112 Resp: 171608

Ion	Ratio	Lower	Upper
112	100		
64	59.8	46.2	69.2
63	31.8	24.5	36.7



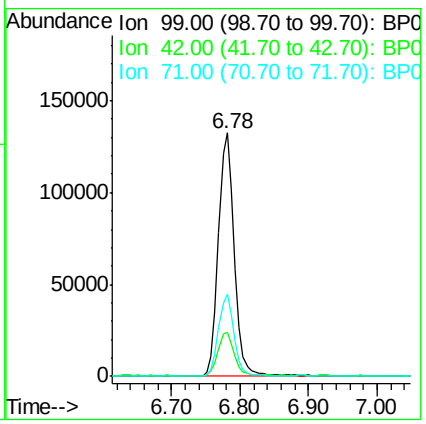


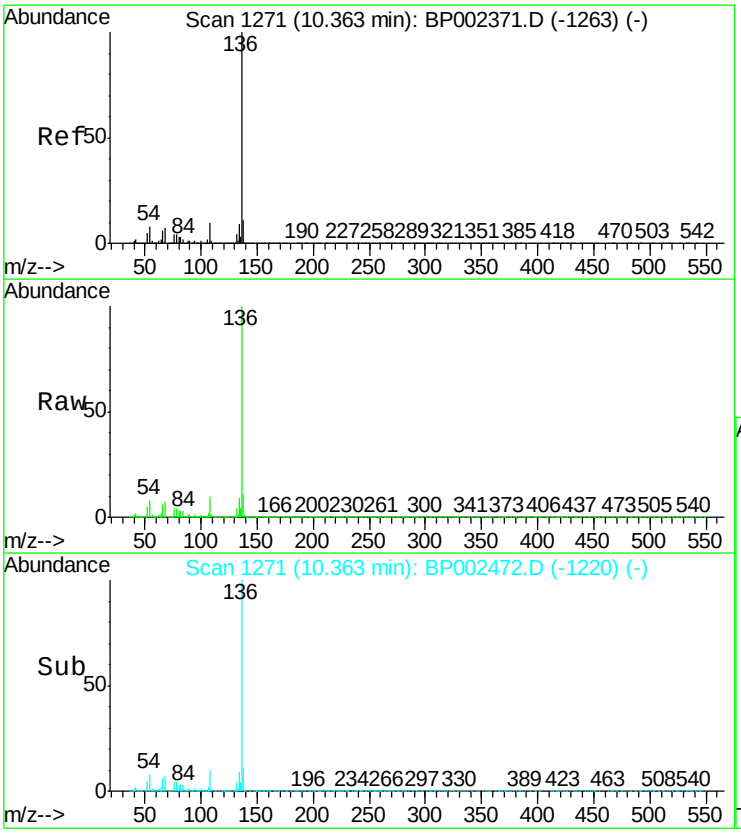
#7
Phenol-d6
Concen: 13.470 ng
RT: 6.78 min Scan# 662
Delta R.T. 0.00 min
Lab File: BP002472.D
Acq: 19 Jun 2020 22:50

Instrument :
BNA_P
ClientSampleId :
VNJ-228

Tgt Ion: 99 Resp: 212458

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.6	22.0
71	33.6	27.2	40.8

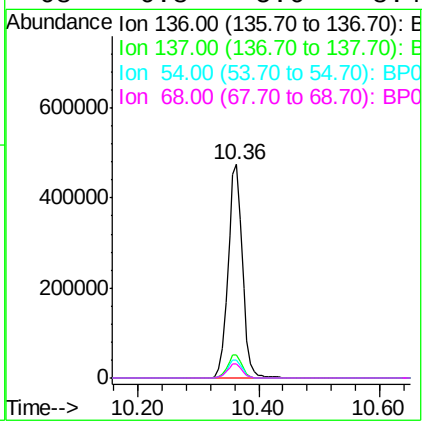


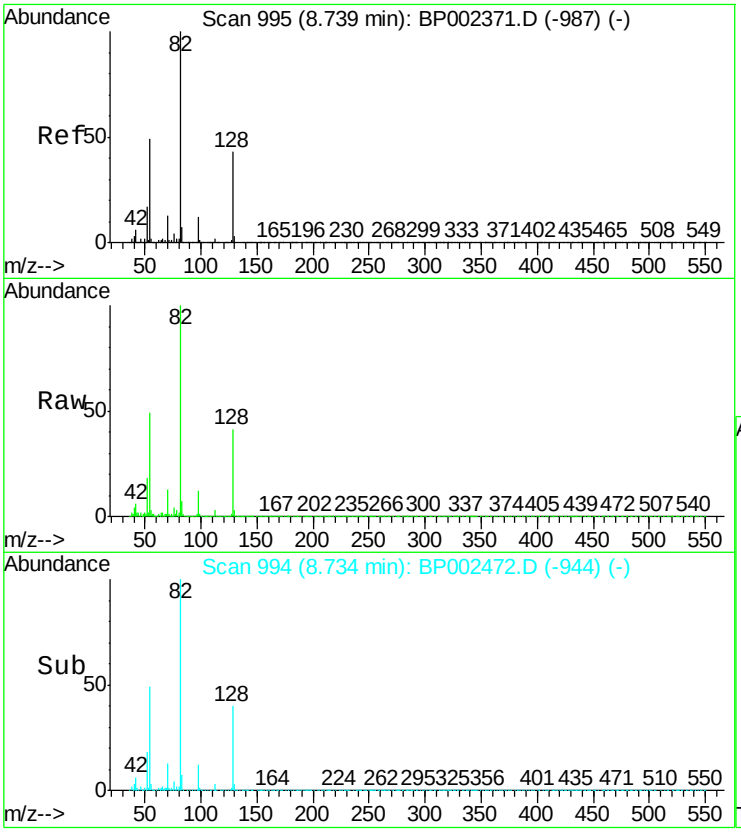


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BP002472.D
Acq: 19 Jun 2020 22:50

Tgt Ion:136 Resp: 781966

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.1	6.4	9.6
68	6.8	5.6	8.4



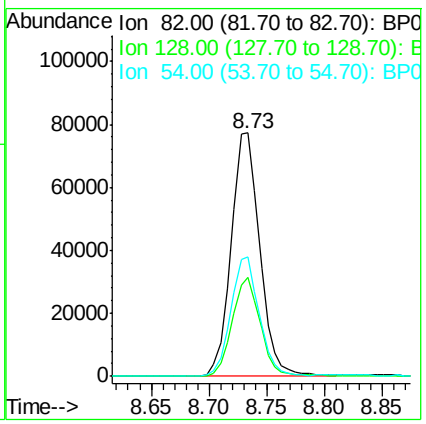


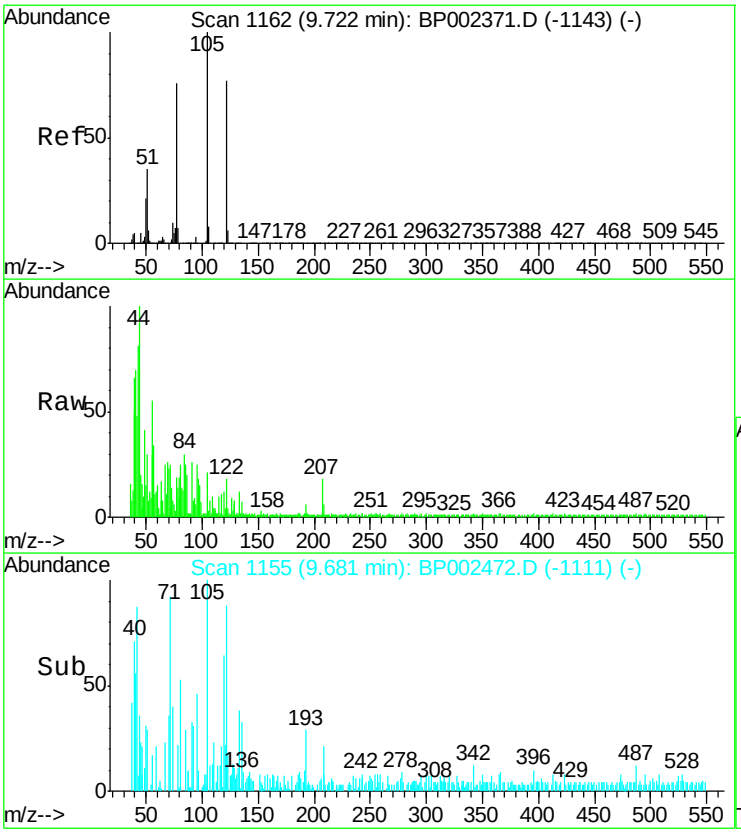
#23
Nitrobenzene-d5
Concen: 10.137 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP002472.D
Acq: 19 Jun 2020 22:50

Instrument :
BNA_P
ClientSampleId :
VNJ-228

Tgt Ion: 82 Resp: 132737

Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.5	51.7
54	48.9	39.4	59.2

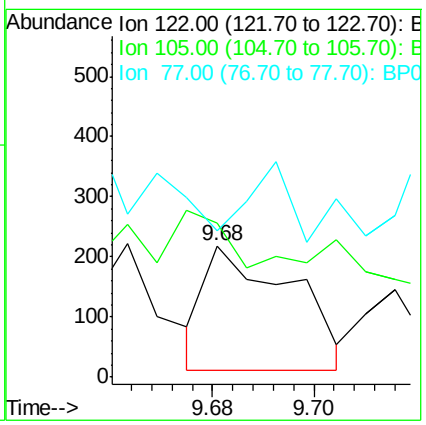


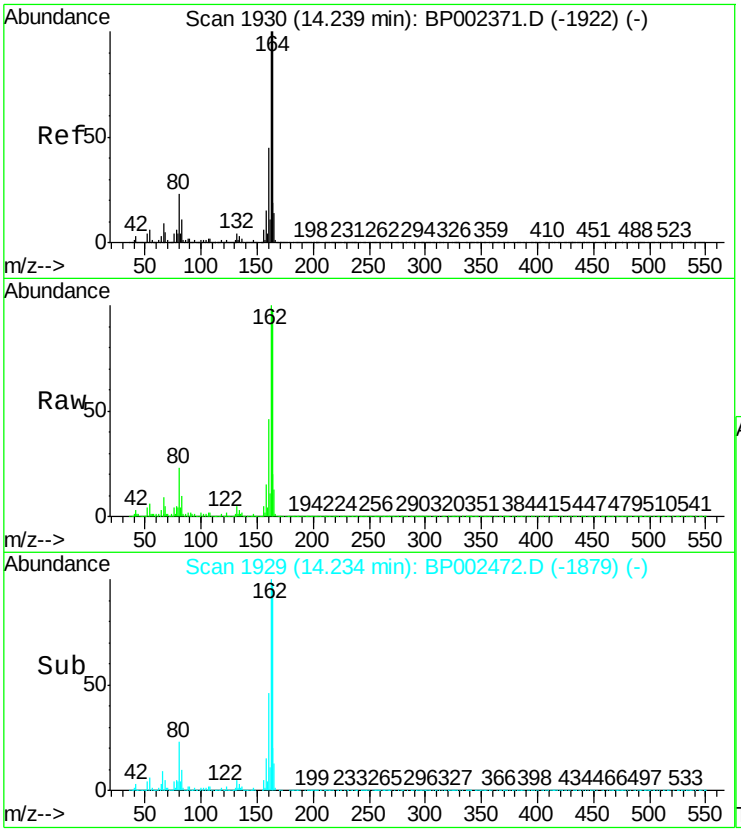


#32
Benzoic acid
Concen: 4.626 ng
RT: 9.68 min Scan# 1155
Delta R.T. -0.04 min
Lab File: BP002472.D
Acq: 19 Jun 2020 22:50

Tgt Ion:122 Resp: 246

Ion	Ratio	Lower	Upper
122	100		
105	117.4	106.3	146.3
77	111.0	77.5	117.5



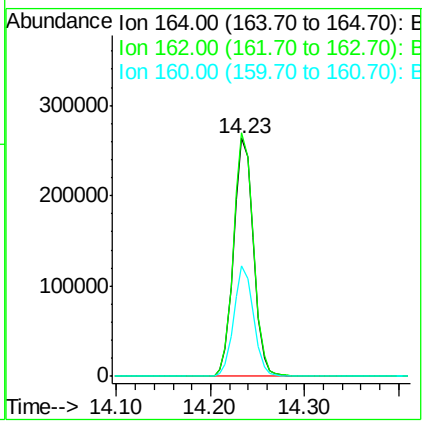


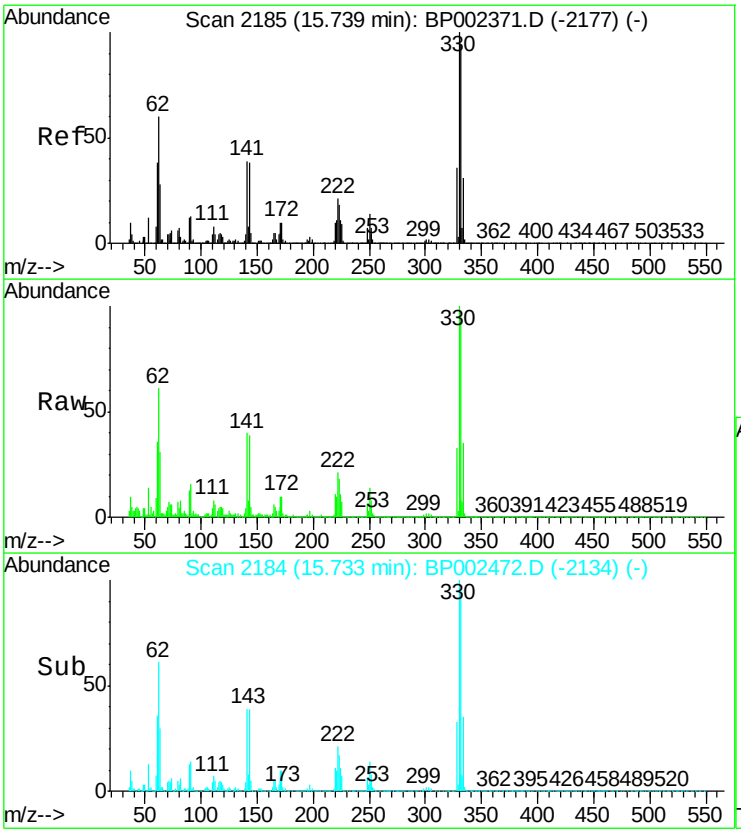
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP002472.D
Acq: 19 Jun 2020 22:50

Instrument :
BNA_P
ClientSampleId :
VNJ-228

Tgt Ion:164 Resp: 386833

Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.8	119.8
160	46.6	36.2	54.2

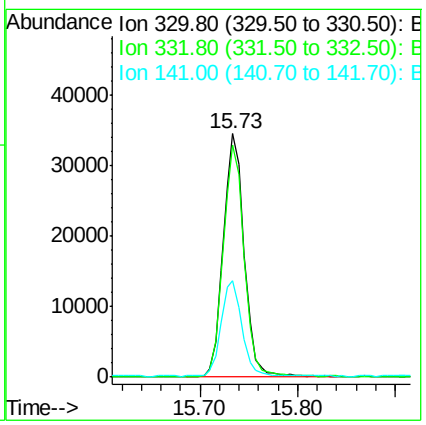


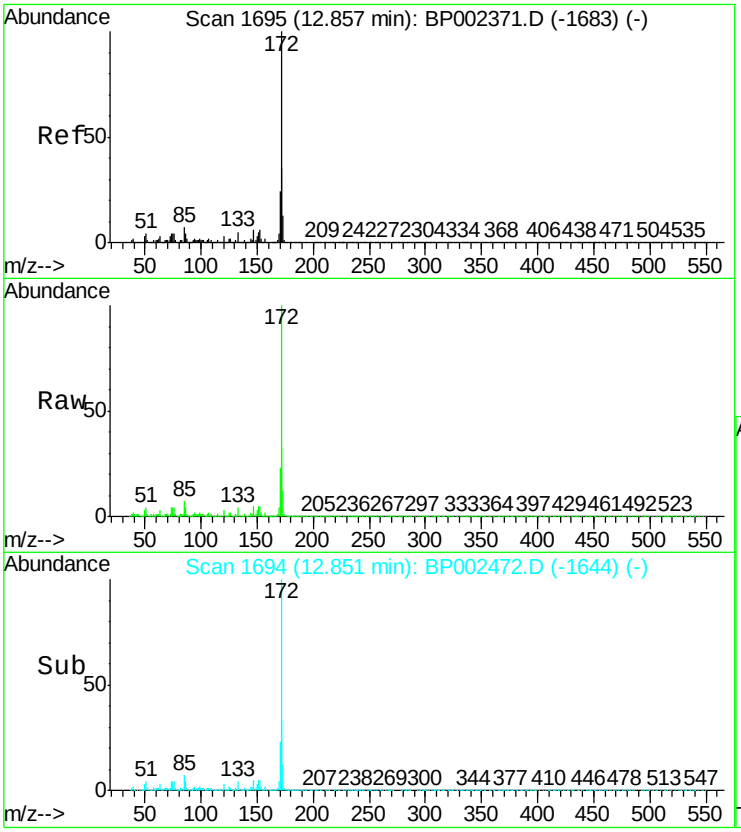


#42
2,4,6-Tribromophenol
Concen: 13.917 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002472.D
Acq: 19 Jun 2020 22:50

Tgt Ion:330 Resp: 51544

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	38.5	30.3	45.5



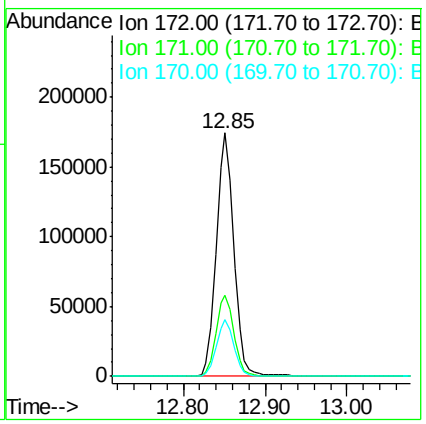


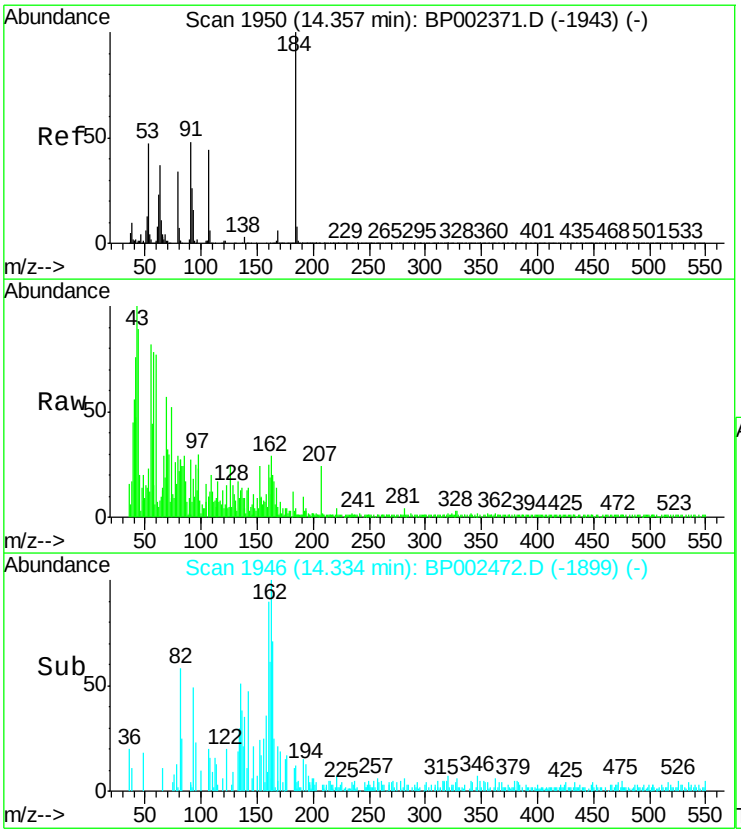
#45
2-Fluorobiphenyl
Concen: 11.403 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002472.D
Acq: 19 Jun 2020 22:50

Instrument :
BNA_P
ClientSampleId :
VNJ-228

Tgt Ion:172 Resp: 262349

Ion	Ratio	Lower	Upper
172	100		
171	33.4	27.8	41.8
170	23.3	19.0	28.6

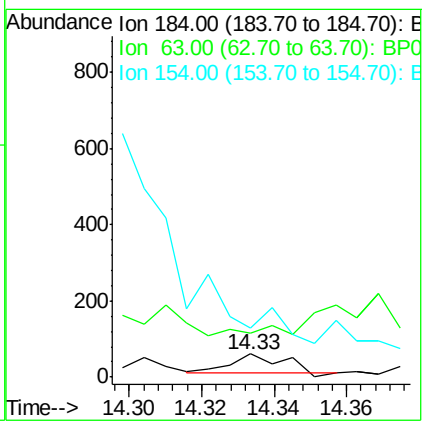


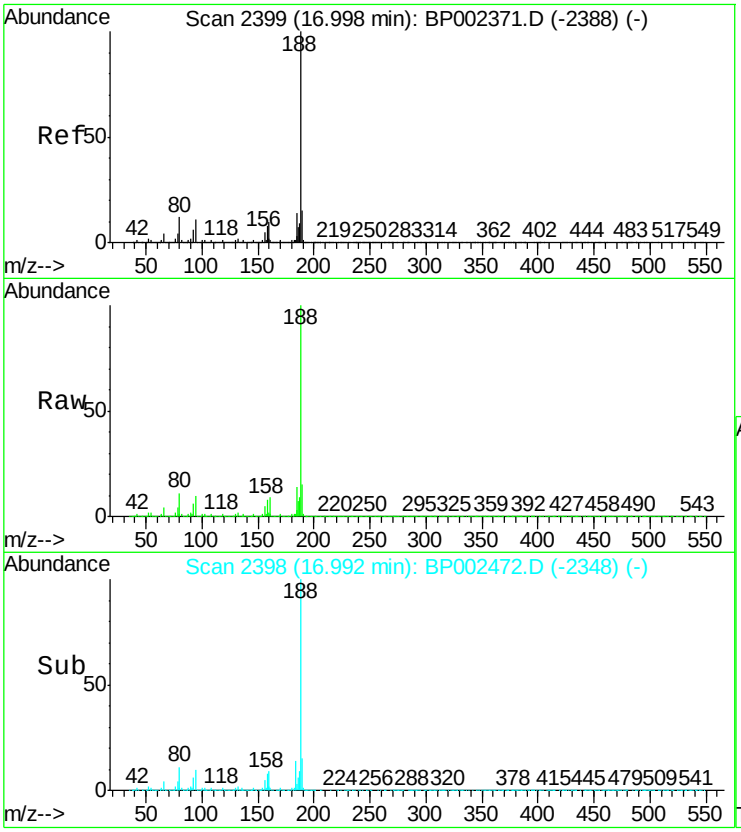


#54
2,4-Dinitrophenol
Concen: 2.798 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.02 min
Lab File: BP002472.D
Acq: 19 Jun 2020 22:50

Tgt Ion:184 Resp: 44

Ion	Ratio	Lower	Upper
184	100		
63	188.5	52.3	78.5#
154	211.5	48.6	72.8#



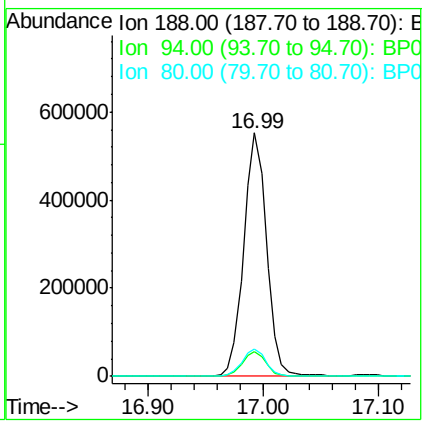


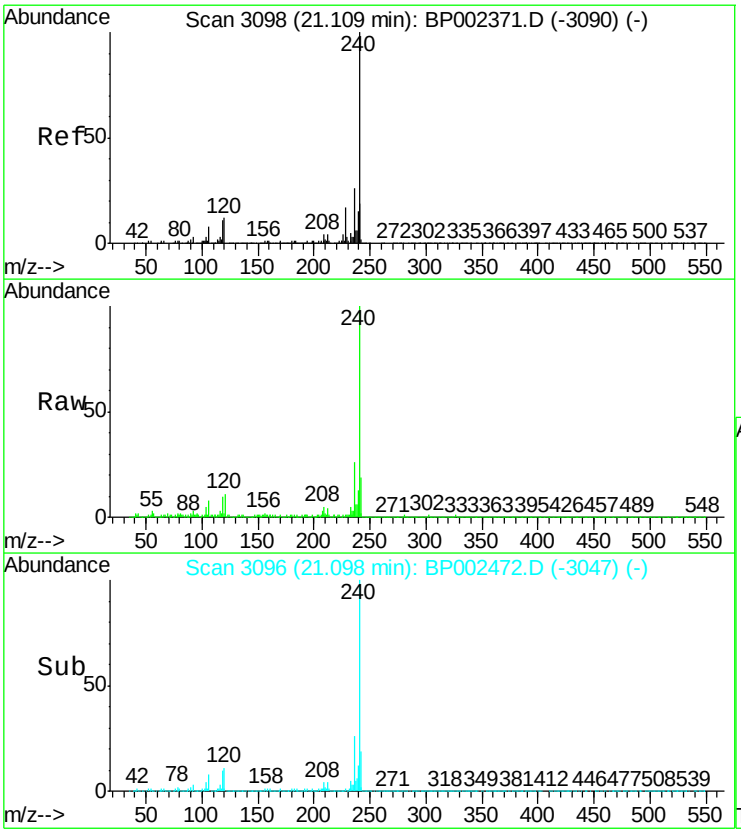
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002472.D
Acq: 19 Jun 2020 22:50

Instrument :
BNA_P
ClientSampleId :
VNJ-228

Tgt Ion:188 Resp: 760590

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.2	9.4	14.0

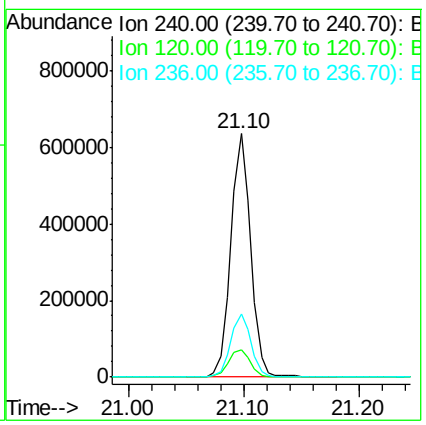


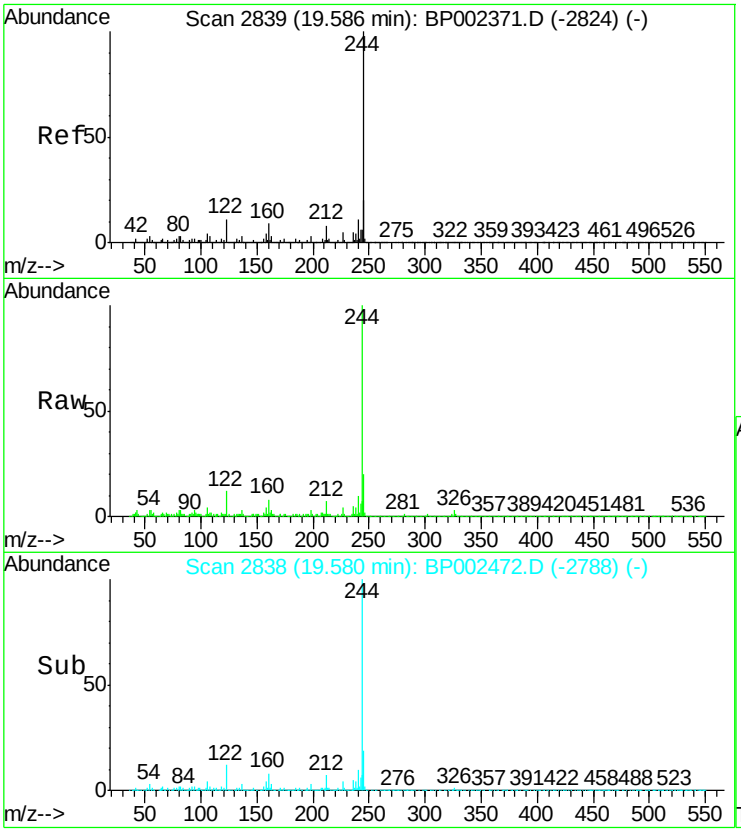


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BP002472.D
Acq: 19 Jun 2020 22:50

Tgt Ion:240 Resp: 750242

Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.3	13.9
236	25.7	21.0	31.6



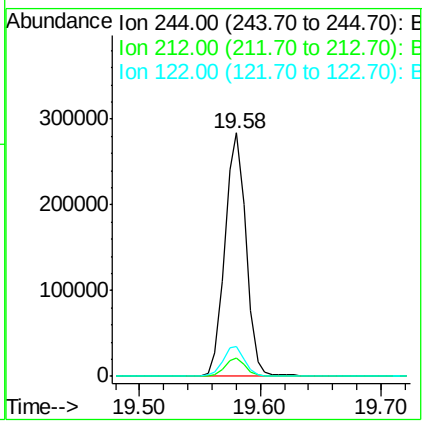


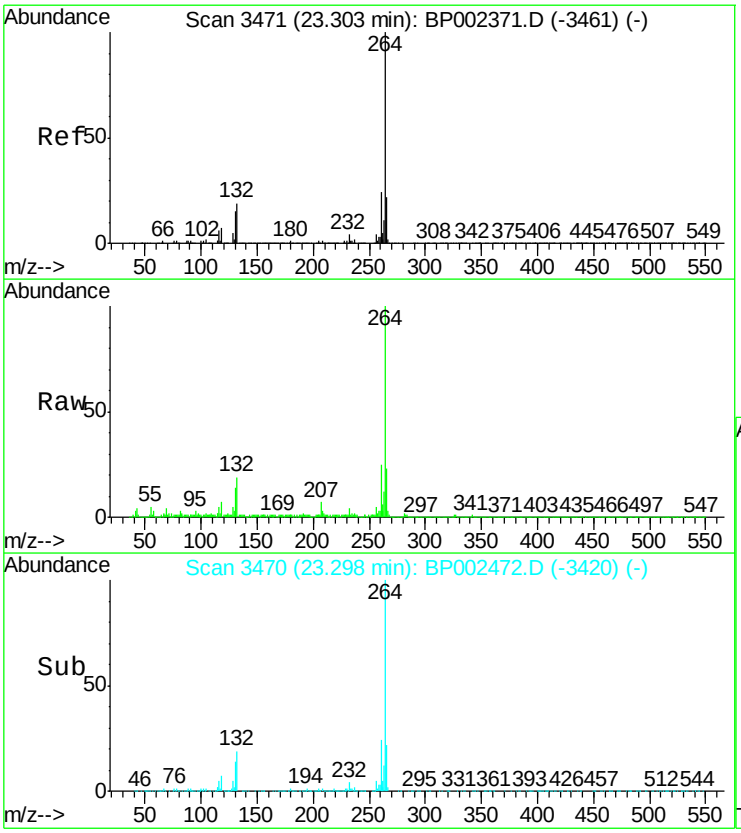
#79
Terphenyl-d14
Concen: -23.752 ng
RT: 19.58 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BP002472.D
Acq: 19 Jun 2020 22:50

Instrument :
BNA_P
ClientSampleId :
VNJ-228

Tgt Ion:244 Resp: 343414

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.6	10.0
122	12.1	8.8	13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BP002472.D
Acq: 19 Jun 2020 22:50

Tgt Ion:264 Resp: 762456

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	22.7	17.4	26.2