Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
Data File : BP001497.D
Acq On : 29 Dec 2019 02:02
Operator : JU
Sample : K6439-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LIED-BF011-01

Quant Time: Dec 29 08:35:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 16:04:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	22171	20.00	ng	-0.01
21) Naphthalene-d8	10.31	136	74580	20.00	ng	-0.01
39) Acenaphthene-d10	13.17	164	45295	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	94812	20.00	ng	0.00
76) Chrysene-d12	19.23	240	76838	20.00	ng	0.00
87) Perylene-d12	21.01	264	81368	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.19	112	148462	108.22	ng	0.00
7) Phenol-d6	7.74	99	199754	111.59	ng	-0.01
23) Nitrobenzene-d5	9.16	82	133196	68.58	ng	-0.02
42) 2,4,6-Tribromophenol	14.47	330	69757	123.18	ng	0.00
45) 2-Fluorobiphenyl	12.09	172	275244	76.84	ng	0.00
79) Terphenyl-d14	17.87	244	380835	84.89	ng	0.00

Target Compounds	Qvalue

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

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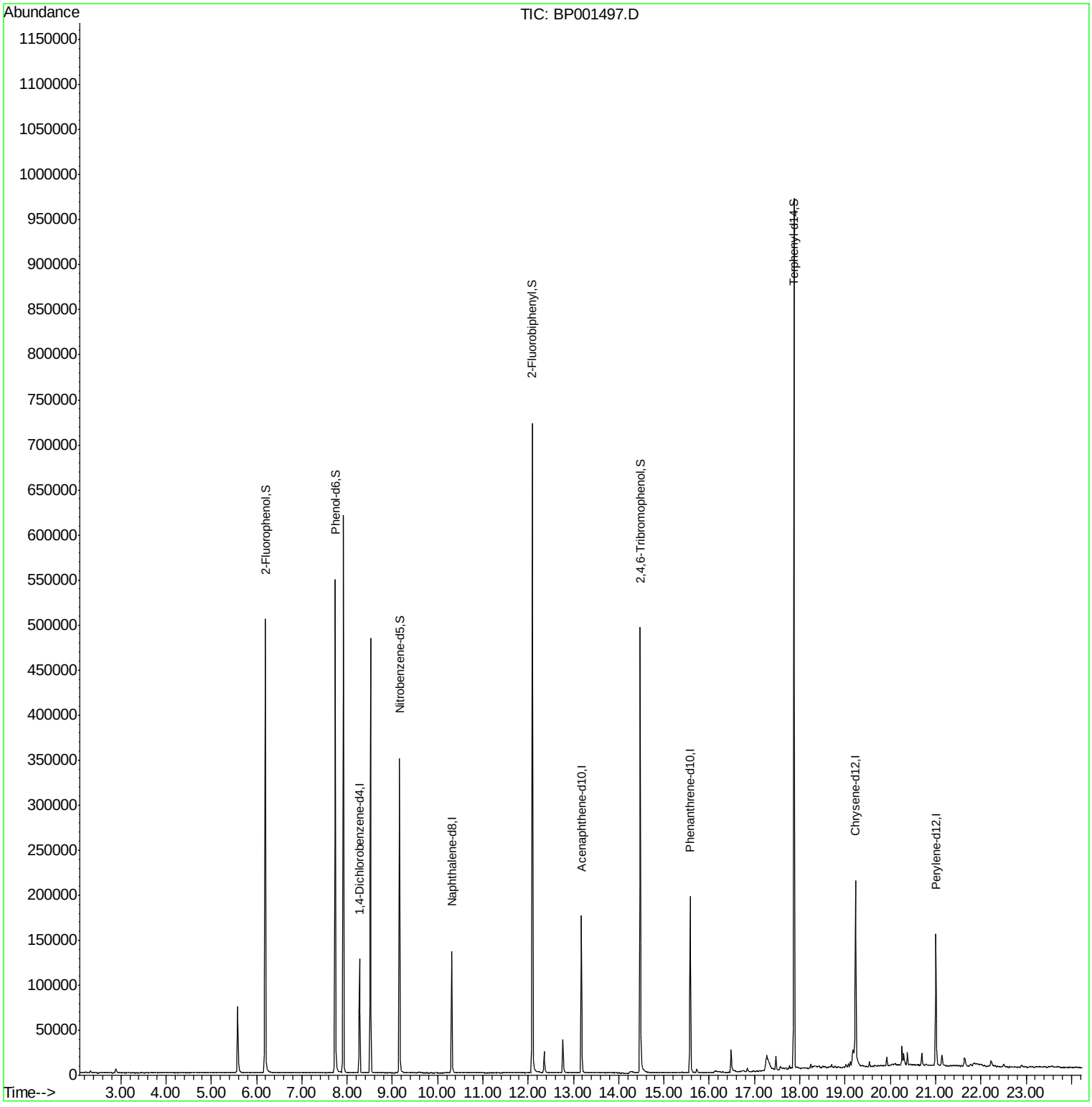
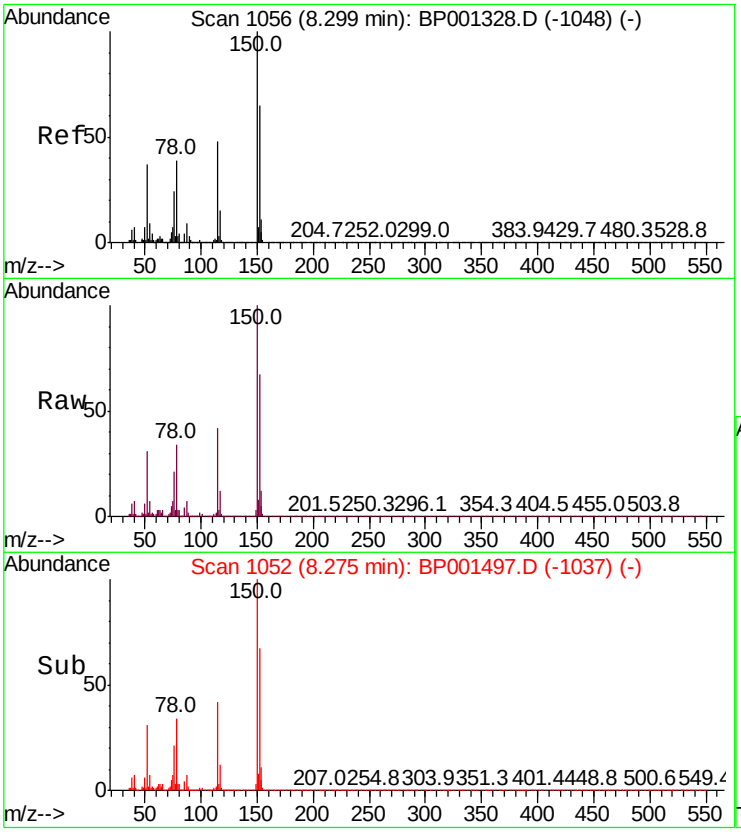


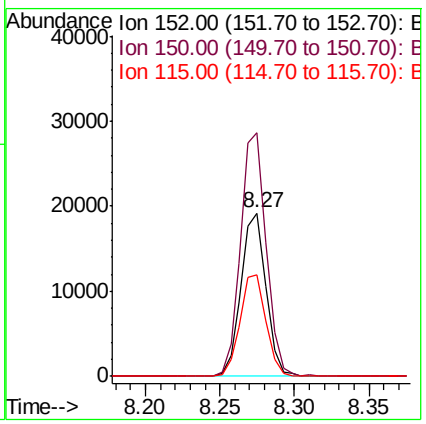


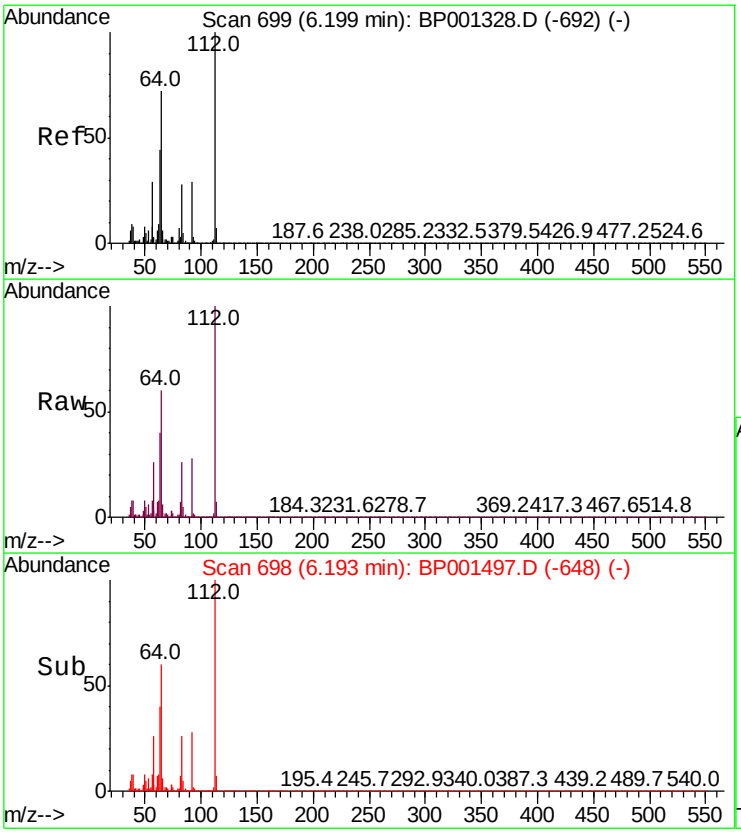
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BP001497.D
Acq: 29 Dec 2019 02:02

Instrument :
BNA_P
ClientSampleId :
LIED-BF011-01

Tgt Ion:152 Resp: 22171

Ion	Ratio	Lower	Upper
152	100		
150	149.2	127.0	190.6
115	62.3	56.1	84.1

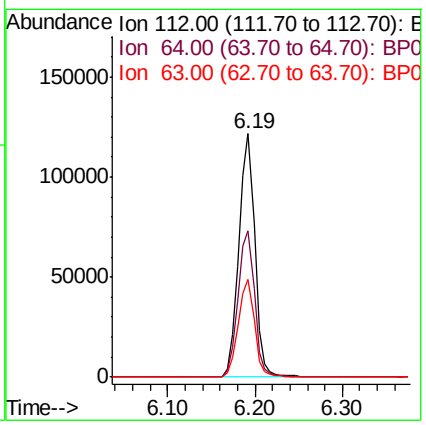


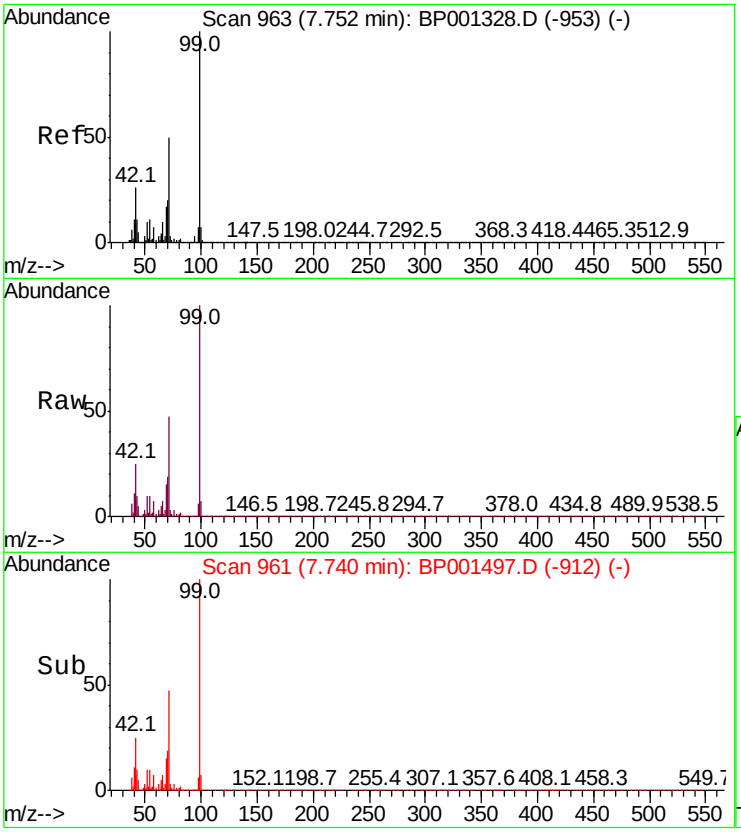


#5
2-Fluorophenol
Concen: 108.224 ng
RT: 6.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BP001497.D
Acq: 29 Dec 2019 02:02

Tgt Ion:112 Resp: 148462

Ion	Ratio	Lower	Upper
112	100		
64	59.9	53.9	80.9
63	39.9	33.4	50.0



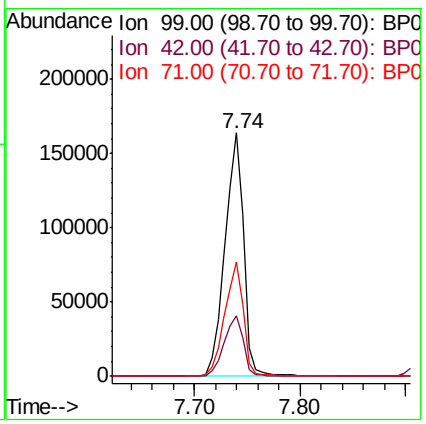


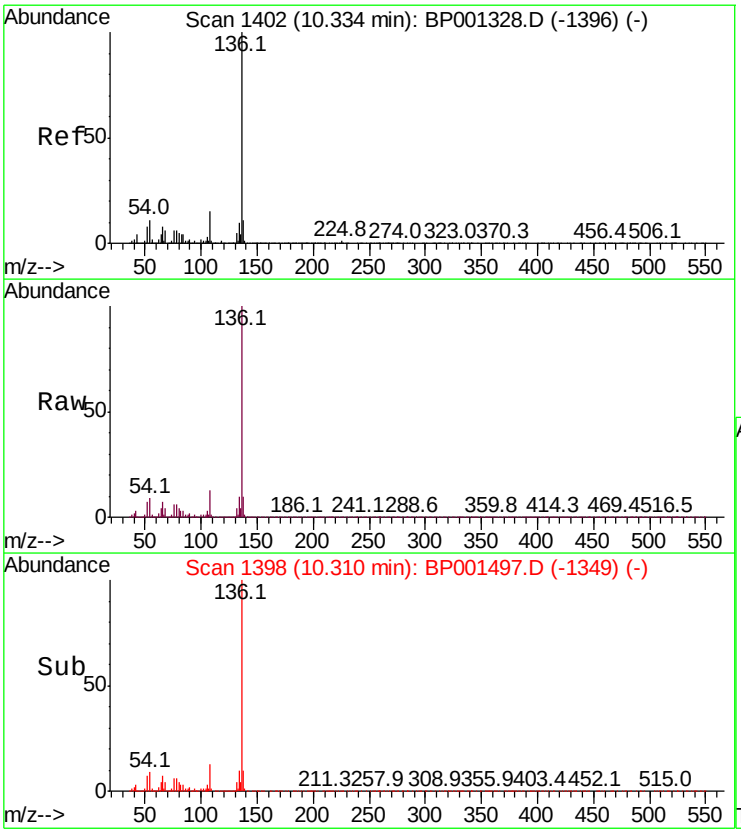
#7
Phenol-d6
Concen: 111.593 ng
RT: 7.74 min Scan# 961
Delta R.T. -0.01 min
Lab File: BP001497.D
Acq: 29 Dec 2019 02:02

Instrument :
BNA_P
ClientSampleId :
LIED-BF011-01

Tgt Ion: 99 Resp: 199754

Ion	Ratio	Lower	Upper
99	100		
42	24.8	20.8	31.2
71	46.8	38.2	57.4

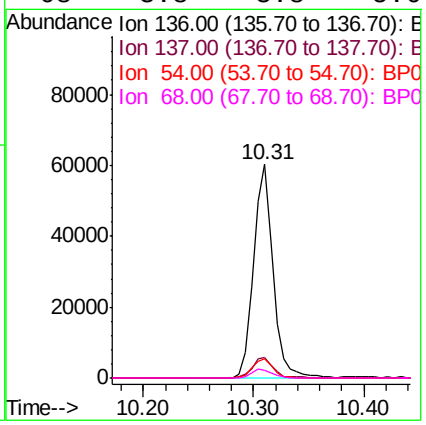


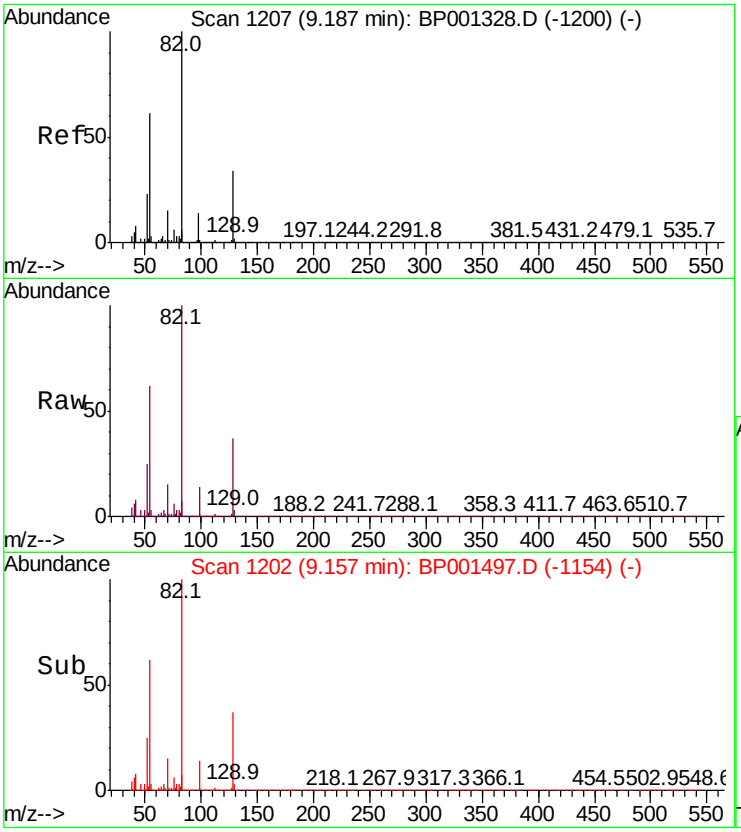


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BP001497.D
Acq: 29 Dec 2019 02:02

Tgt Ion:136 Resp: 74580

Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.0	13.4
54	8.9	7.3	10.9
68	3.8	3.8	5.6



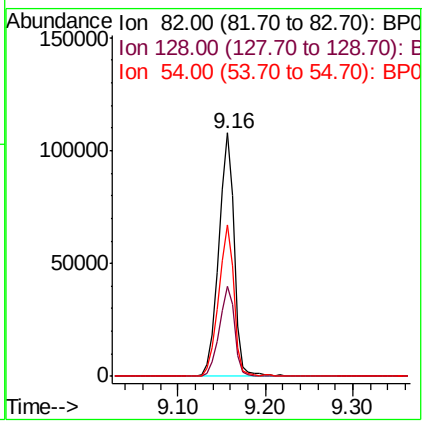


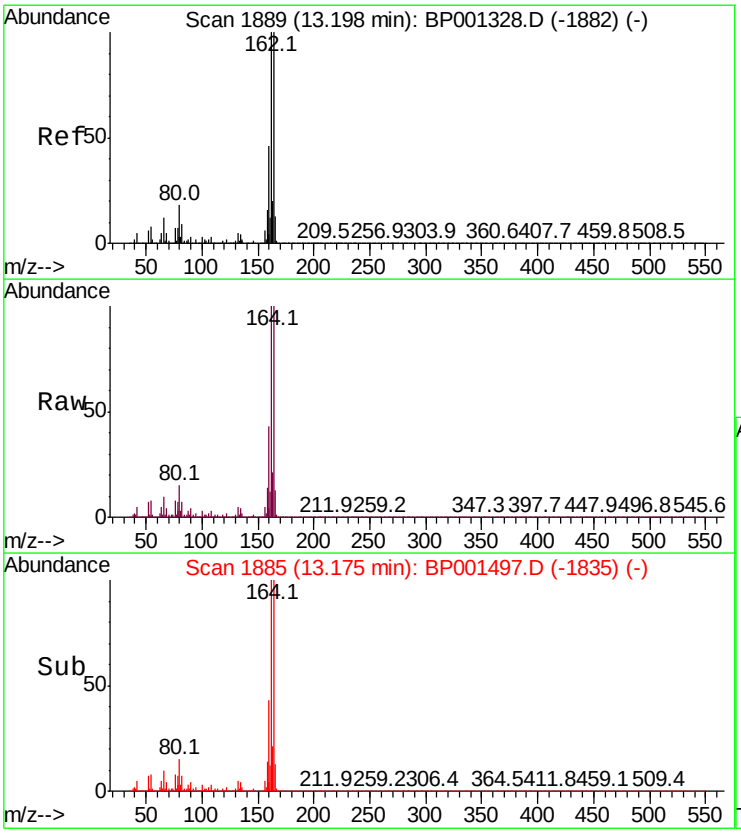
#23
Nitrobenzene-d5
Concen: 68.583 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BP001497.D
Acq: 29 Dec 2019 02:02

Instrument :
BNA_P
ClientSampleId :
LIED-BF011-01

Tgt Ion: 82 Resp: 133196

Ion	Ratio	Lower	Upper
82	100		
128	37.0	27.4	41.0
54	62.0	47.5	71.3

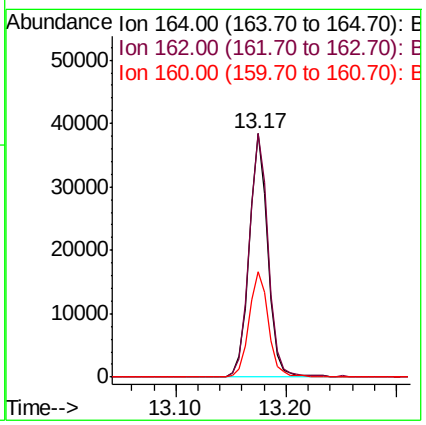


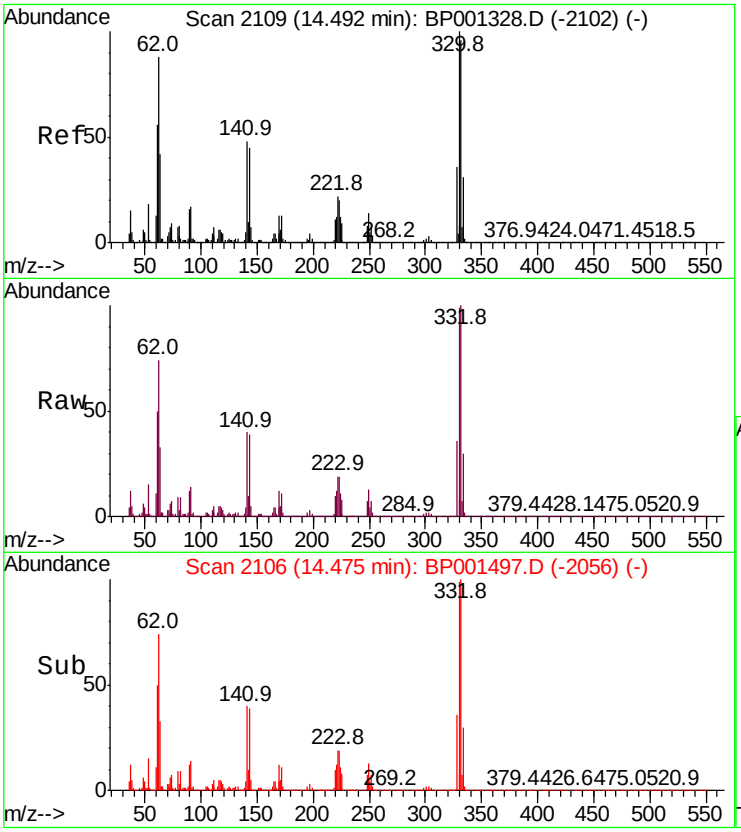


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.17 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BP001497.D
Acq: 29 Dec 2019 02:02

Tgt Ion:164 Resp: 45295

Ion	Ratio	Lower	Upper
164	100		
162	100.0	78.2	117.4
160	43.3	35.1	52.7



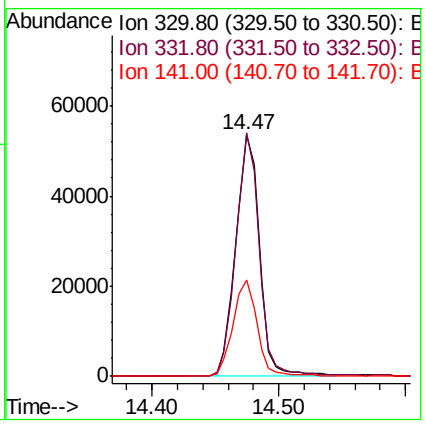


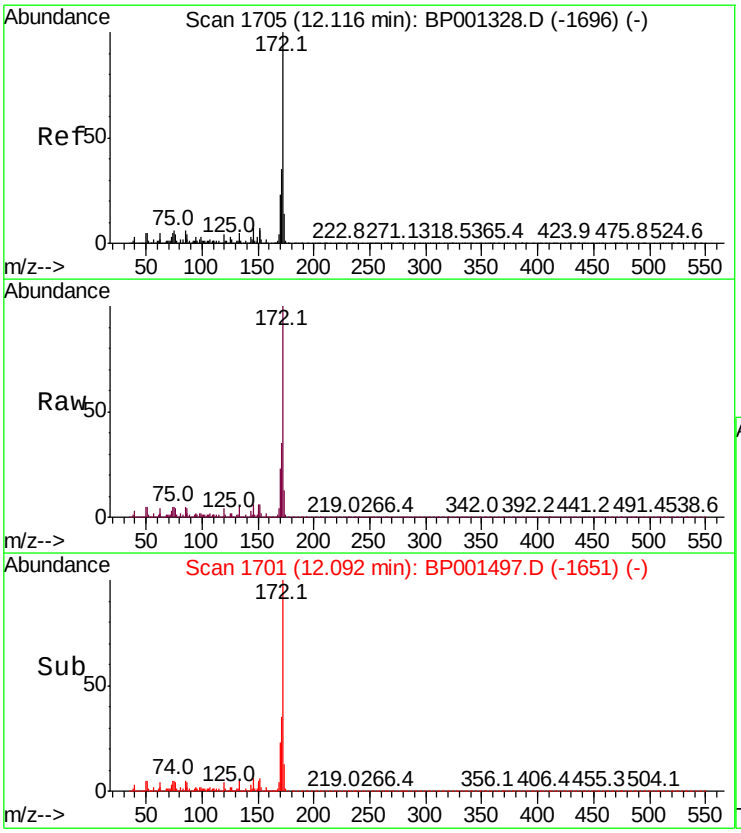
#42
2,4,6-Tribromophenol
Concen: 123.182 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP001497.D
Acq: 29 Dec 2019 02:02

Instrument :
BNA_P
ClientSampleId :
LIED-BF011-01

Tgt Ion:330 Resp: 69757

Ion	Ratio	Lower	Upper
330	100		
332	98.5	78.3	117.5
141	40.4	26.8	40.2#

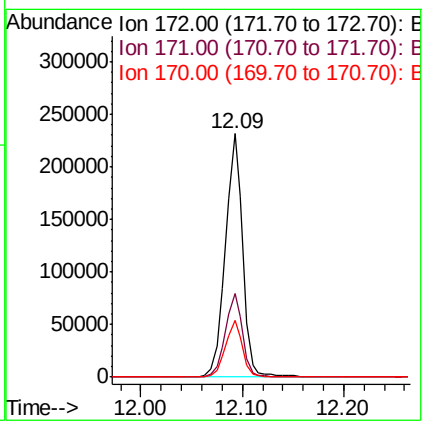


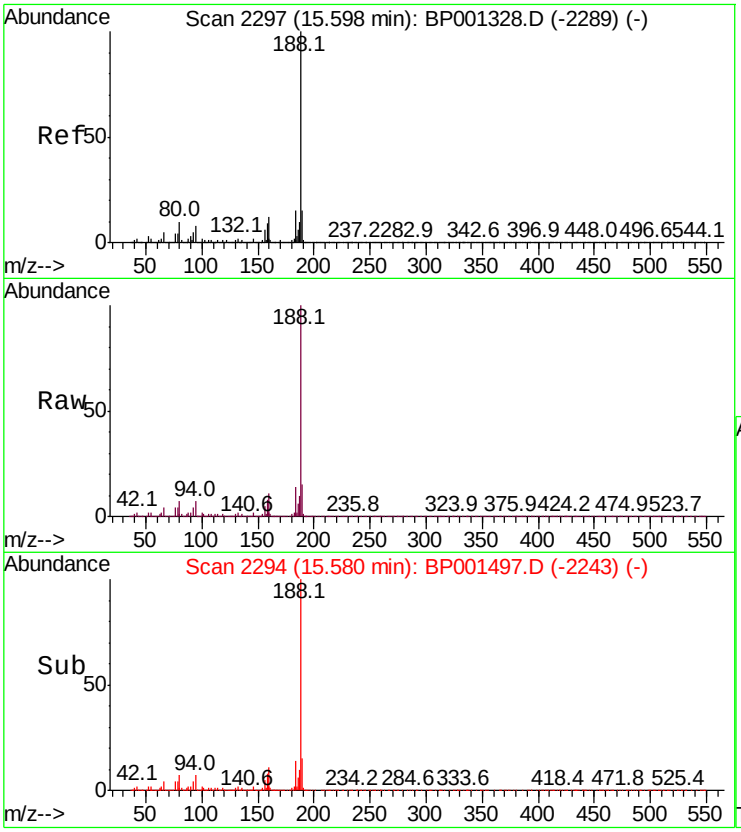


#45
2-Fluorobiphenyl
Concen: 76.839 ng
RT: 12.09 min Scan# 1701
Delta R.T. -0.01 min
Lab File: BP001497.D
Acq: 29 Dec 2019 02:02

Tgt Ion:172 Resp: 275244

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.4	41.0
170	23.5	18.2	27.4



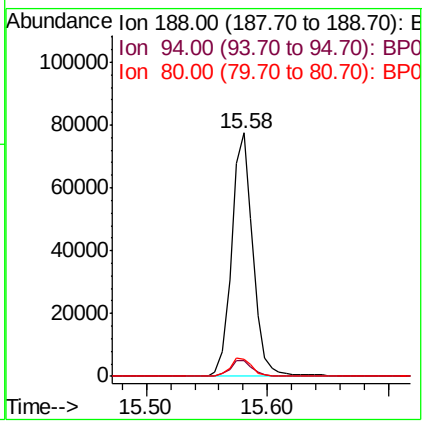


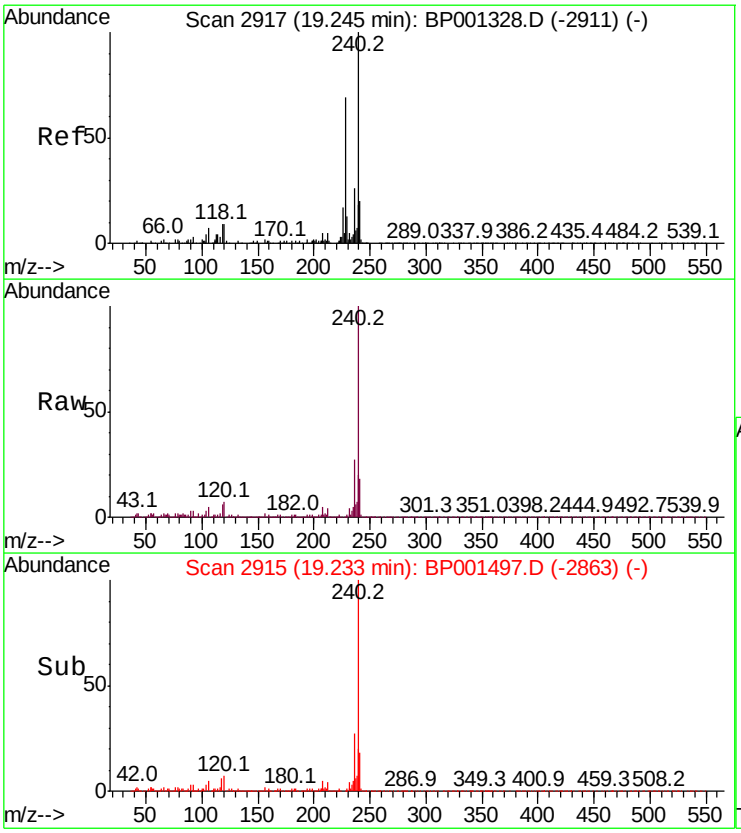
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BP001497.D
Acq: 29 Dec 2019 02:02

Instrument :
BNA_P
ClientSampleId :
LIED-BF011-01

Tgt Ion:188 Resp: 94812

Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.8	8.8
80	7.3	5.7	8.5

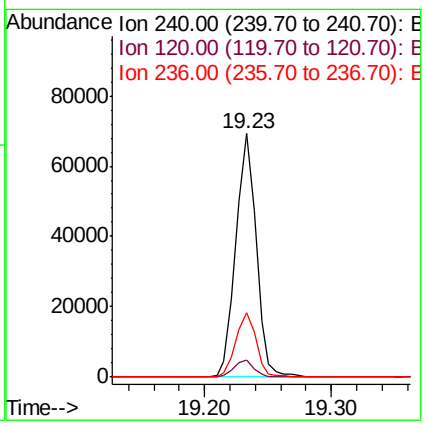


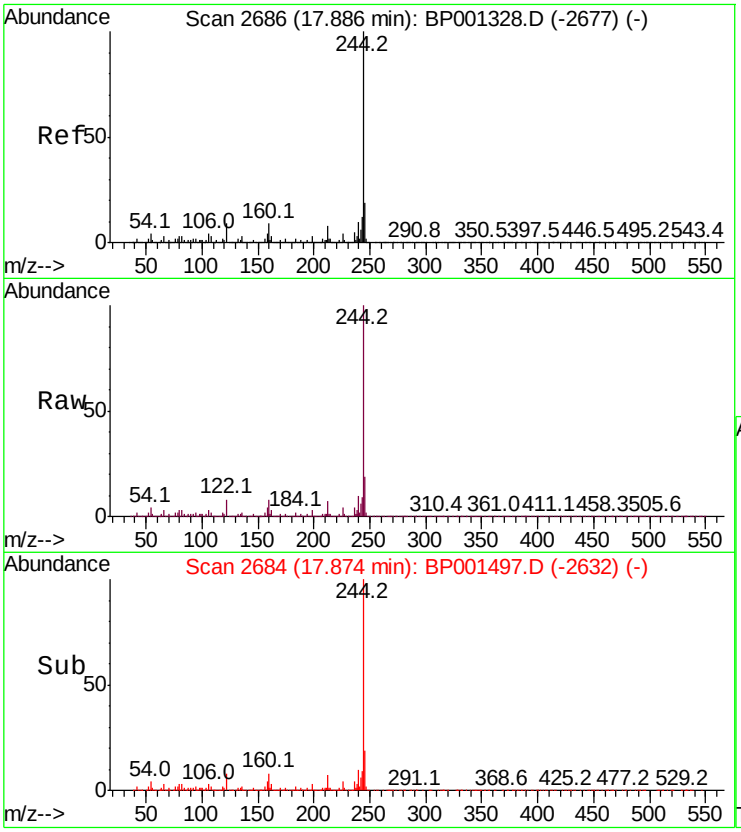


#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.23 min Scan# 2915
Delta R.T. 0.01 min
Lab File: BP001497.D
Acq: 29 Dec 2019 02:02

Tgt Ion:240 Resp: 76838

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.2	9.2
236	26.6	20.2	30.2



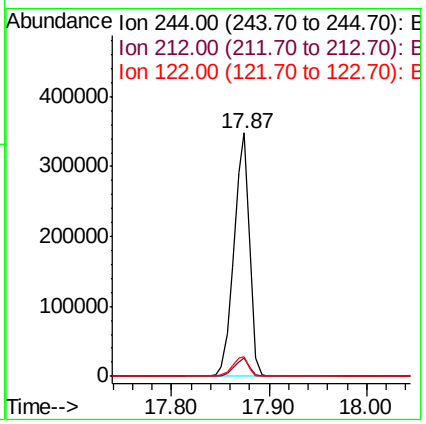


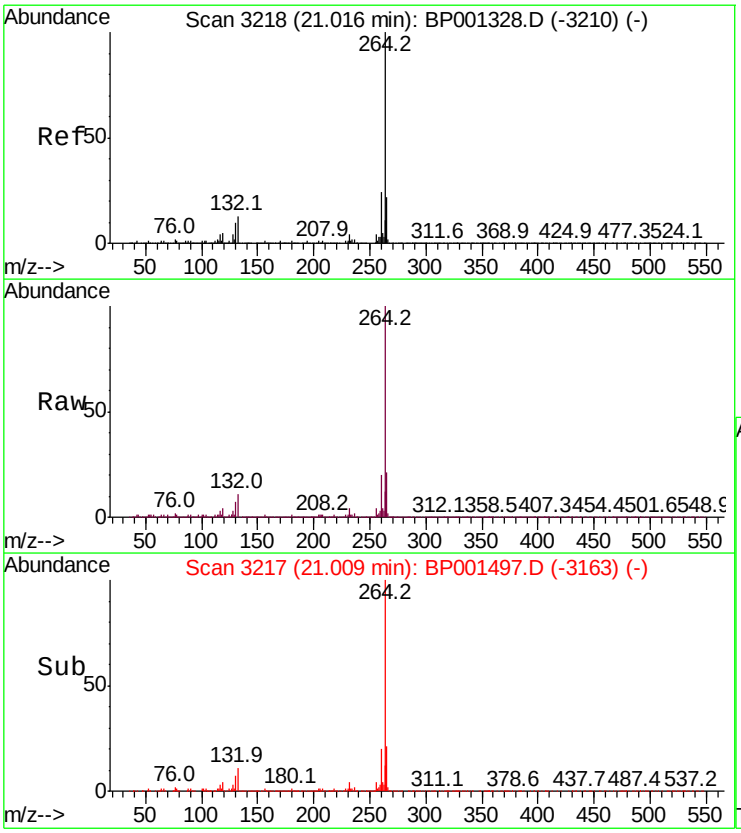
#79
Terphenyl-d14
Concen: 84.890 ng
RT: 17.87 min Scan# 2684
Delta R.T. 0.01 min
Lab File: BP001497.D
Acq: 29 Dec 2019 02:02

Instrument :
BNA_P
ClientSampleId :
LIED-BF011-01

Tgt Ion:244 Resp: 380835

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	8.0	6.4	9.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 21.01 min Scan# 3217
Delta R.T. 0.02 min
Lab File: BP001497.D
Acq: 29 Dec 2019 02:02

Tgt Ion:264 Resp: 81368

Ion	Ratio	Lower	Upper
264	100		
260	20.2	19.0	28.4
265	20.7	17.0	25.4