Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
Data File : BM022442.D
Acq On : 30 Aug 2019 15:11
Operator : HP/JU
Sample : K4573-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S702A-N-1.0-1.5-082719

Quant Time: Aug 30 15:47:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 16:51:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	16886	20.00	ng	-0.01
21) Naphthalene-d8	10.29	136	55935	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	33176	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	74085	20.00	ng	0.00
76) Chrysene-d12	21.17	240	97342	20.00	ng	0.00
87) Perylene-d12	23.36	264	124612	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	77592	80.66	ng	0.00
7) Phenol-d6	6.72	99	94392	73.38	ng	0.00
23) Nitrobenzene-d5	8.69	82	68301	53.48	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	44398	65.40	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	143473	48.99	ng	0.00
79) Terphenyl-d14	19.60	244	283390	38.42	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.75	94	2686	2.078	ng	# 51
50) Dimethylphthalate	13.66	163	14000	4.852	ng	98

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

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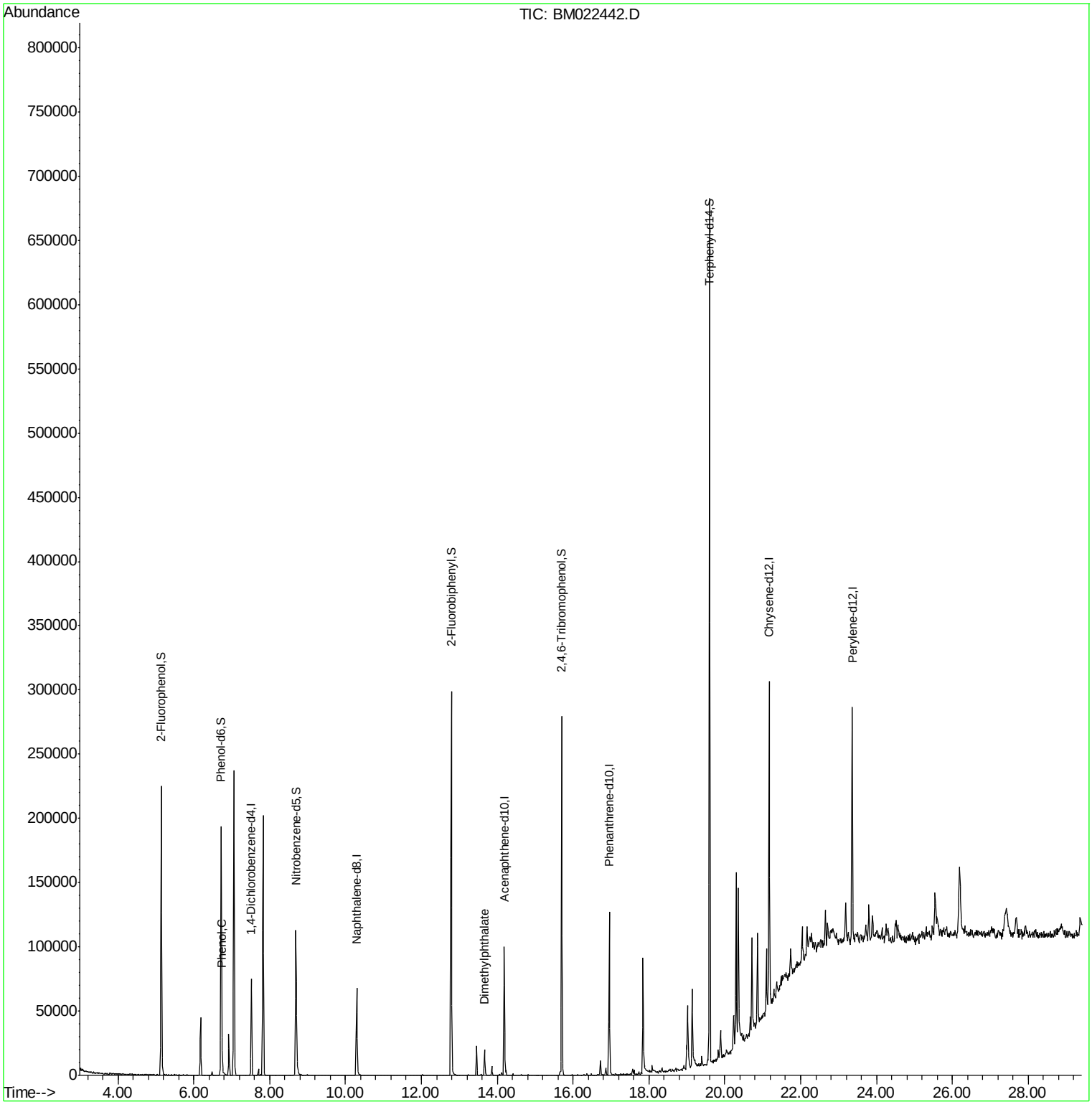
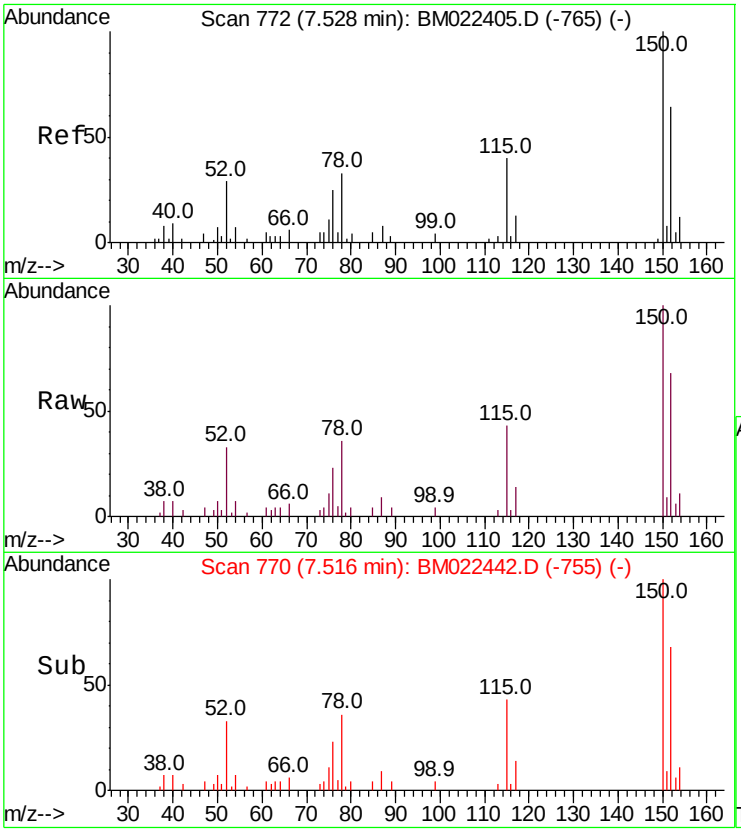


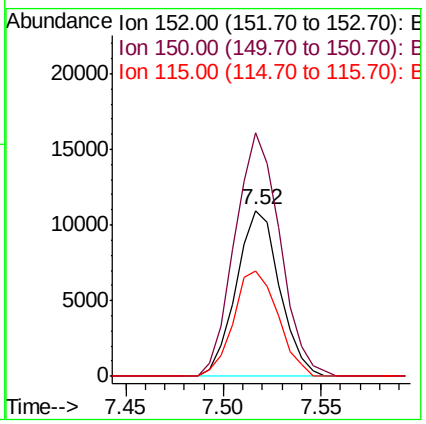


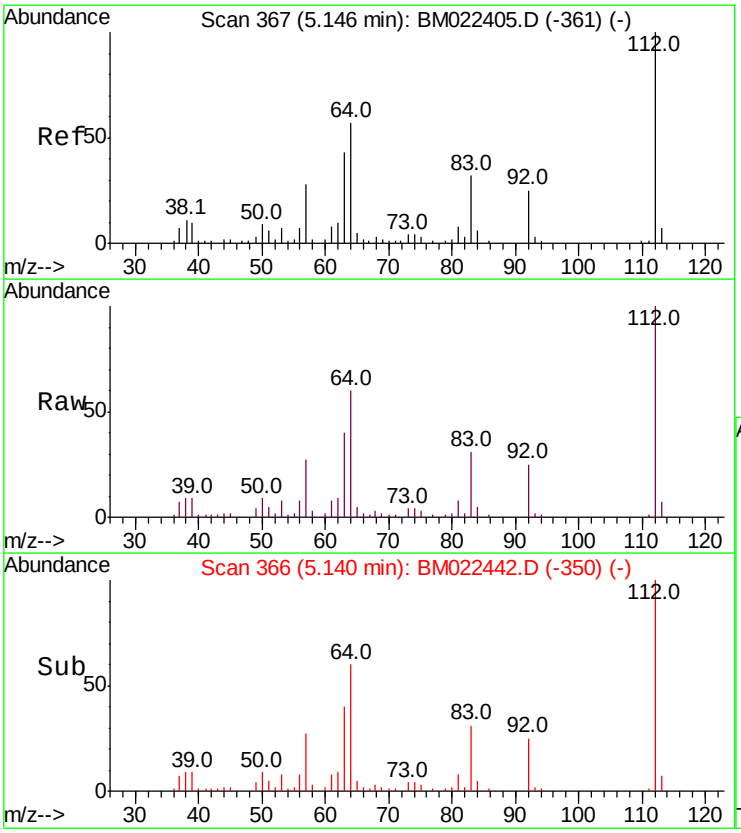
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

Instrument :
BNA_M
ClientSampleId :
S702A-N-1.0-1.5-082719

Tgt Ion:152 Resp: 16886

Ion	Ratio	Lower	Upper
152	100		
150	146.8	125.4	188.0
115	63.7	50.3	75.5

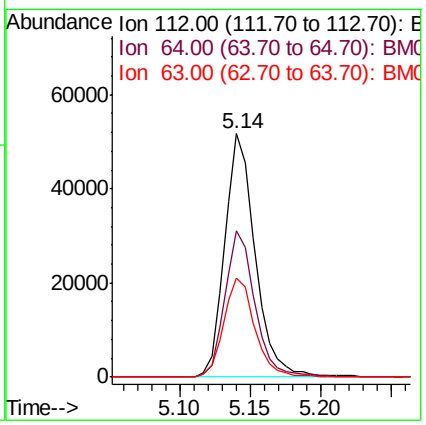


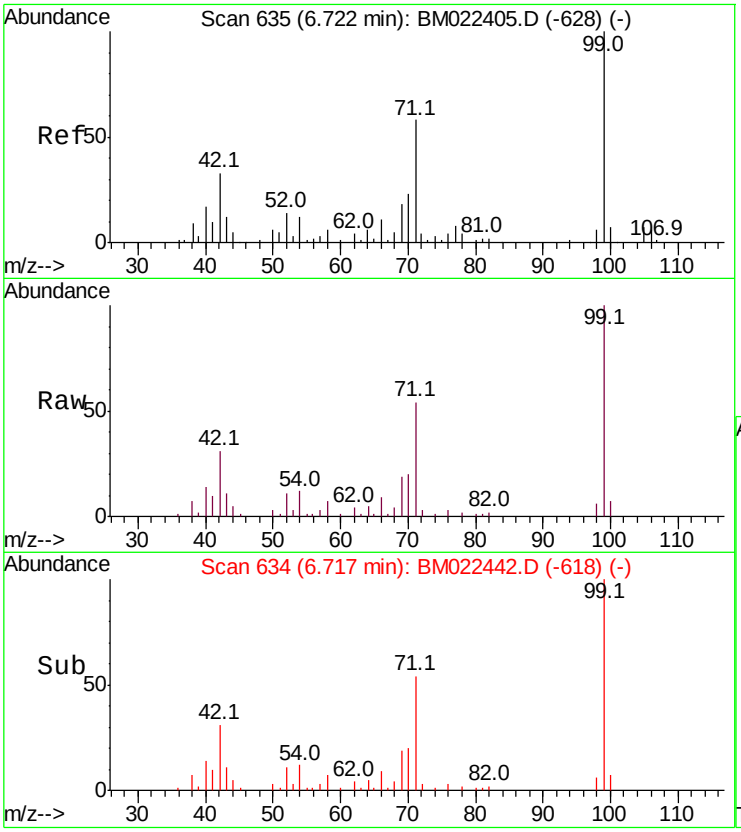


#5
2-Fluorophenol
Concen: 80.658 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

Tgt Ion:112 Resp: 77592

Ion	Ratio	Lower	Upper
112	100		
64	59.9	45.4	68.2
63	40.5	34.5	51.7



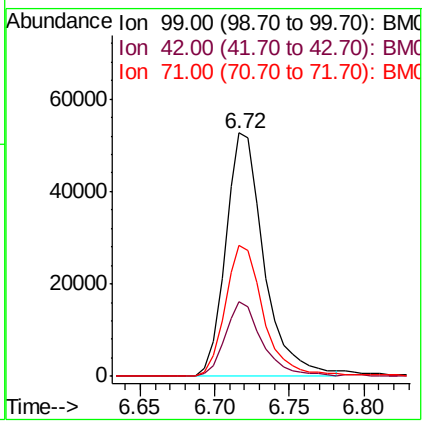


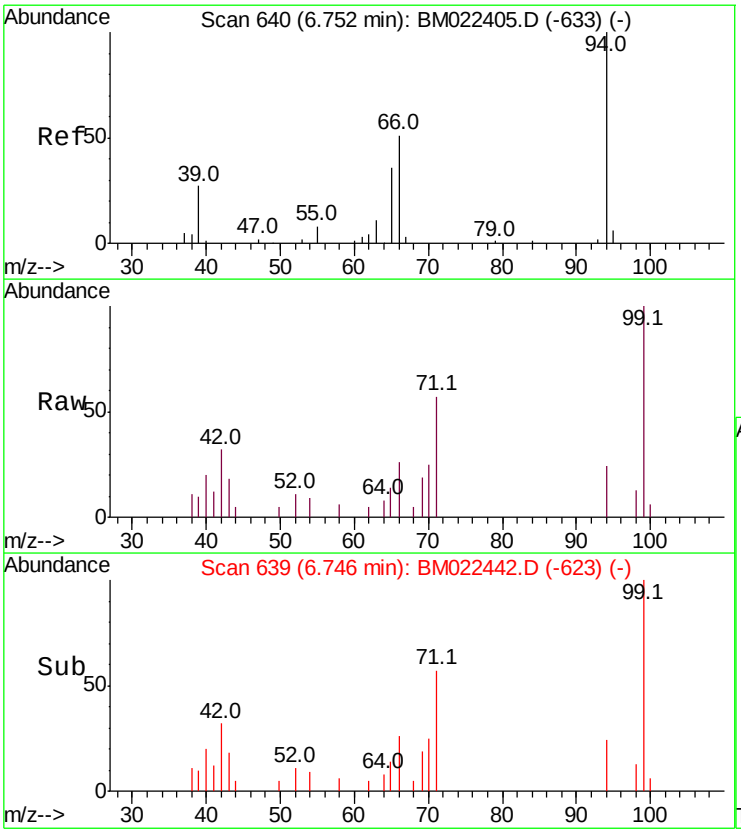
#7
Phenol-d6
Concen: 73.375 ng
RT: 6.72 min Scan# 634
Delta R.T. -0.01 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

Instrument :
BNA_M
ClientSampleId :
S702A-N-1.0-1.5-082719

Tgt Ion: 99 Resp: 94392

Ion	Ratio	Lower	Upper
99	100		
42	30.6	26.3	39.5
71	53.9	46.6	69.8

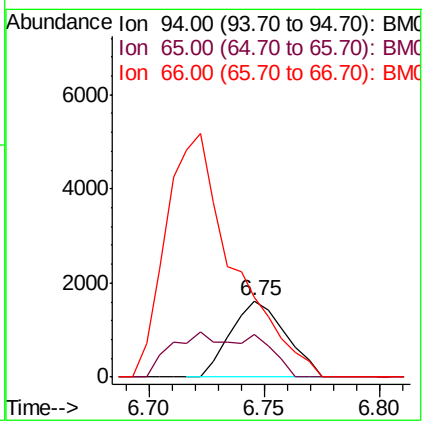


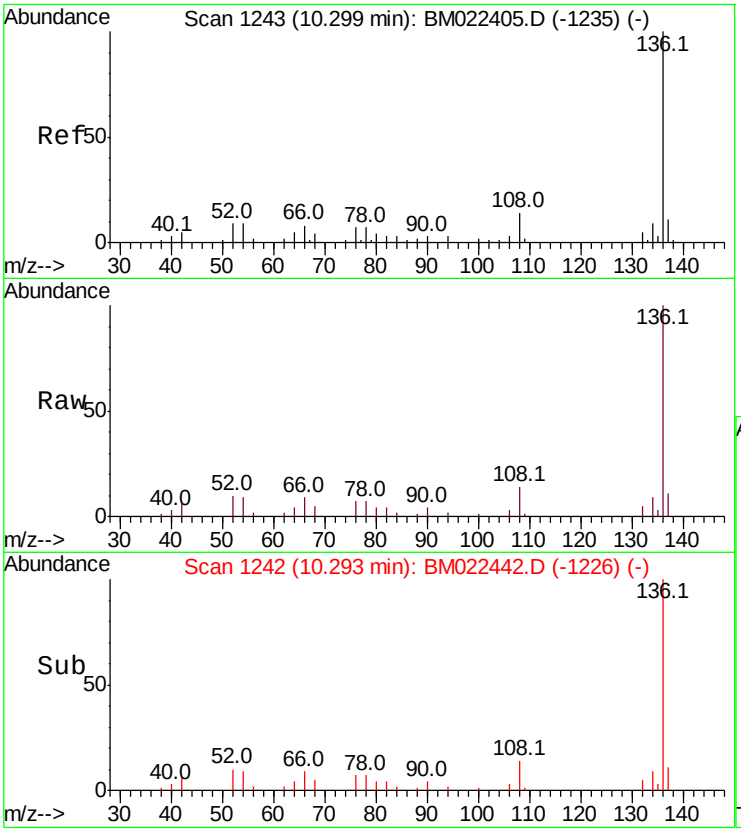


#10
Phenol
Concen: 2.078 ng
RT: 6.75 min Scan# 639
Delta R.T. -0.01 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

Tgt Ion: 94 Resp: 2686

Ion	Ratio	Lower	Upper
94	100		
65	55.8	17.7	57.7
66	105.3	39.6	79.6#



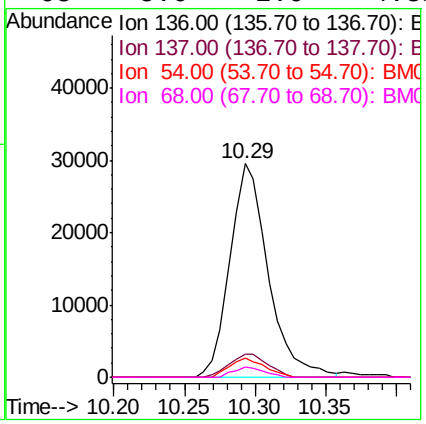


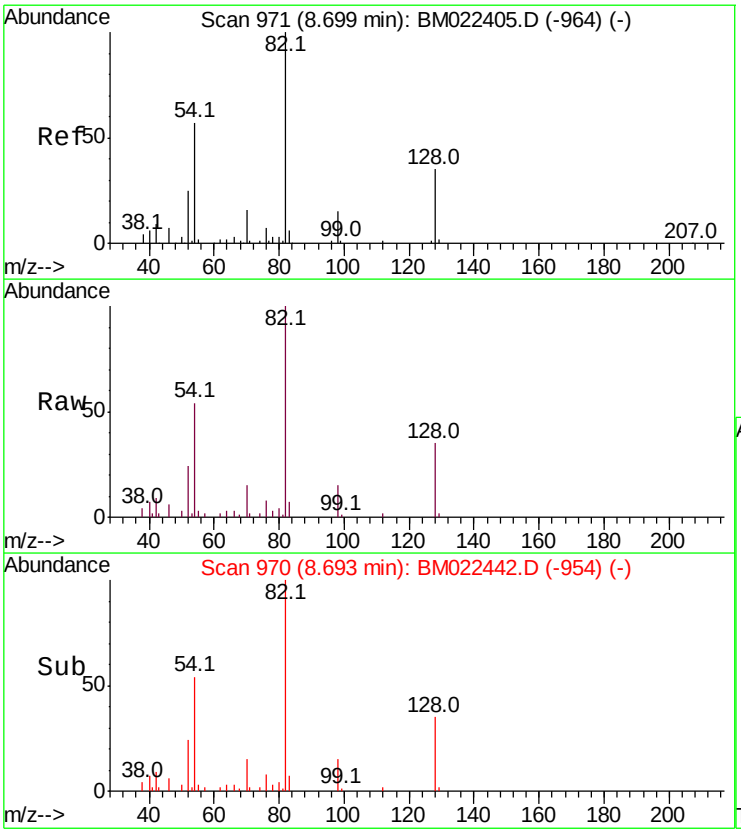
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

Instrument :
BNA_M
ClientSampleId :
S702A-N-1.0-1.5-082719

Tgt Ion:136 Resp: 55935

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.0	7.0	10.6
68	5.0	2.9	4.3#

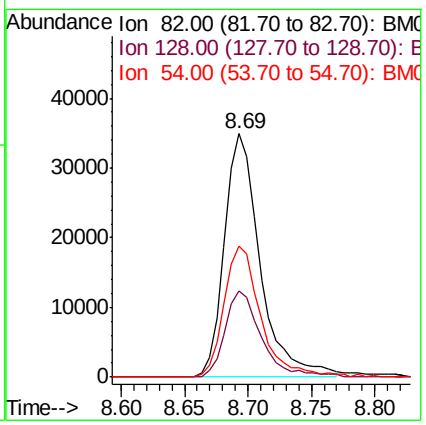


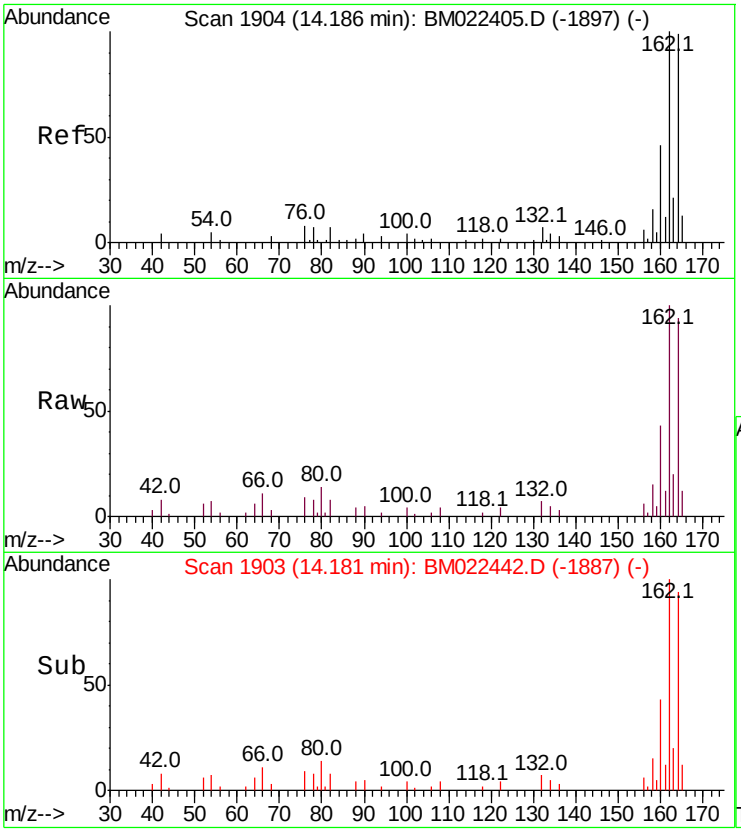


#23
Nitrobenzene-d5
Concen: 53.484 ng
RT: 8.69 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

Tgt Ion: 82 Resp: 68301

Ion	Ratio	Lower	Upper
82	100		
128	35.4	27.9	41.9
54	53.5	45.2	67.8



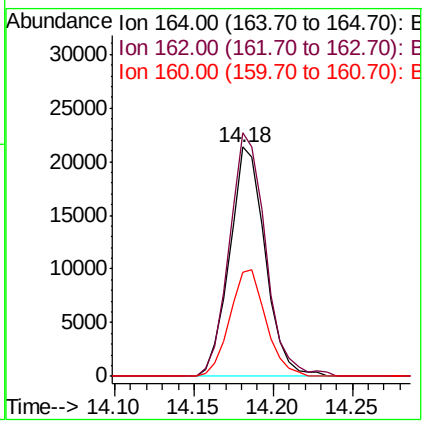


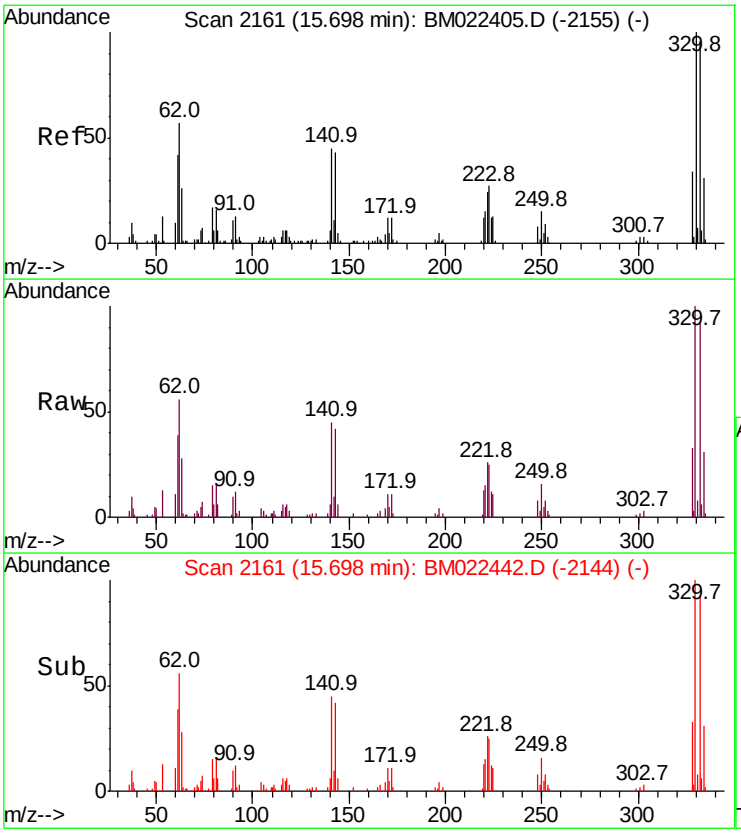
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

Instrument :
BNA_M
ClientSampleId :
S702A-N-1.0-1.5-082719

Tgt Ion:164 Resp: 33176

Ion	Ratio	Lower	Upper
164	100		
162	106.3	80.6	121.0
160	45.2	37.3	55.9

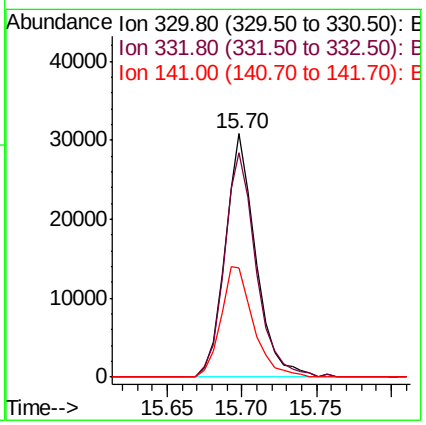


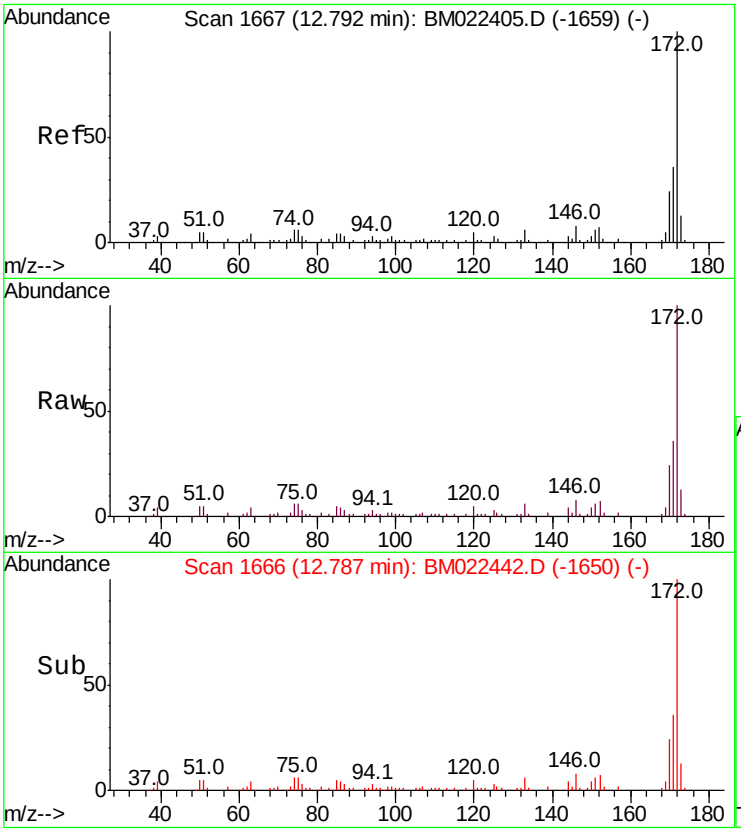


#42
2,4,6-Tribromophenol
Concen: 65.400 ng
RT: 15.70 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

Tgt Ion:330 Resp: 44398

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.8	116.8
141	48.0	35.6	53.4



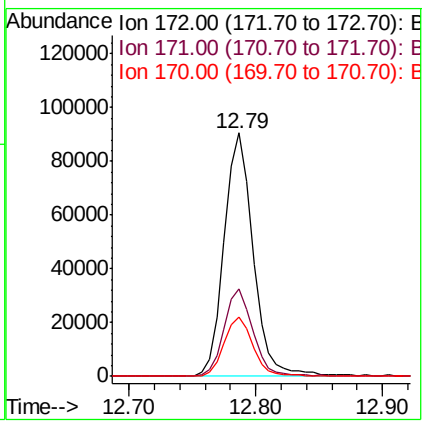


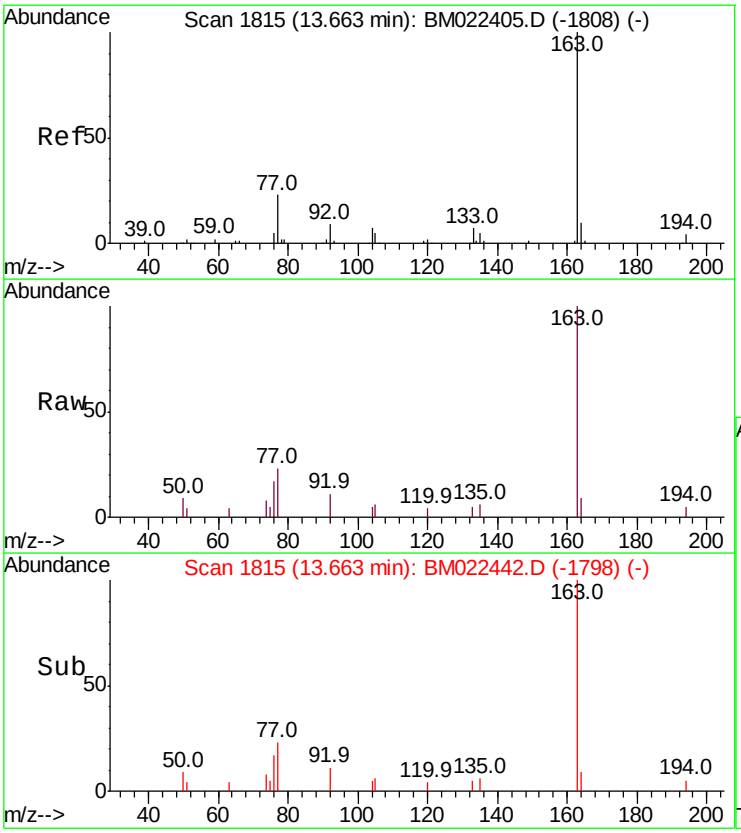
#45
2-Fluorobiphenyl
Concen: 48.991 ng
RT: 12.79 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

Instrument :
BNA_M
ClientSampleId :
S702A-N-1.0-1.5-082719

Tgt Ion:172 Resp: 143473

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	24.3	18.9	28.3

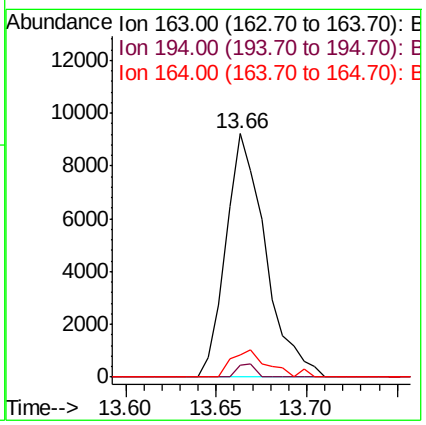


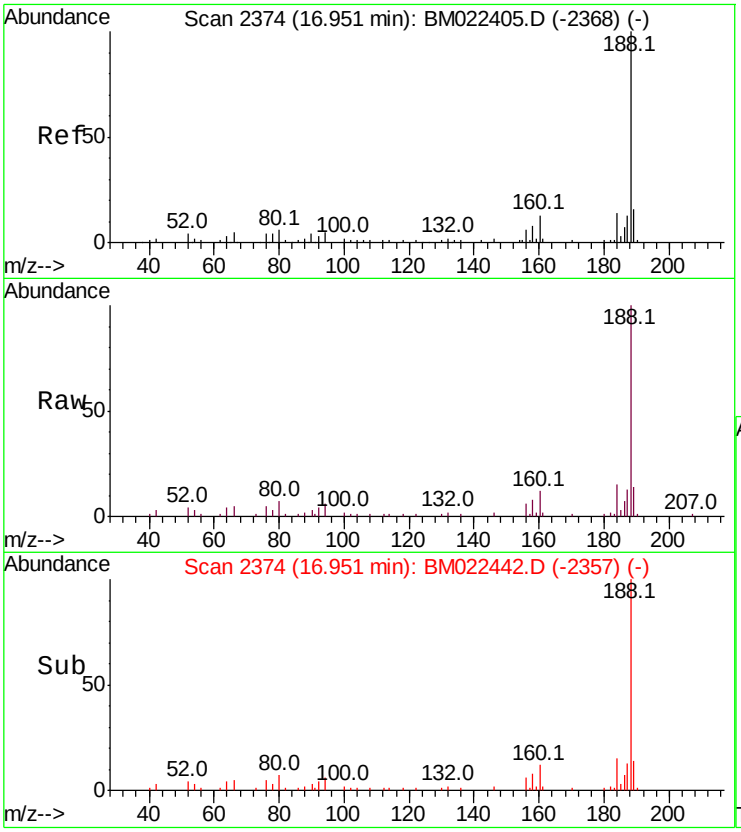


#50
Dimethylphthalate
Concen: 4.852 ng
RT: 13.66 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

Tgt Ion:163 Resp: 14000

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.2
164	9.2	8.2	12.2



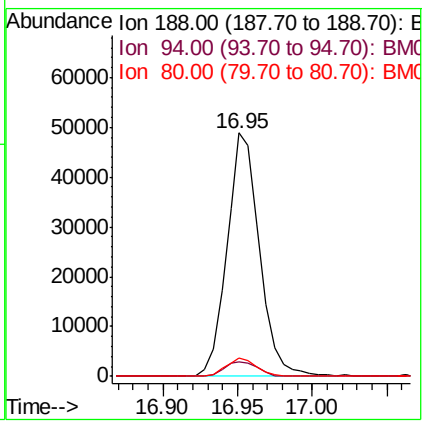


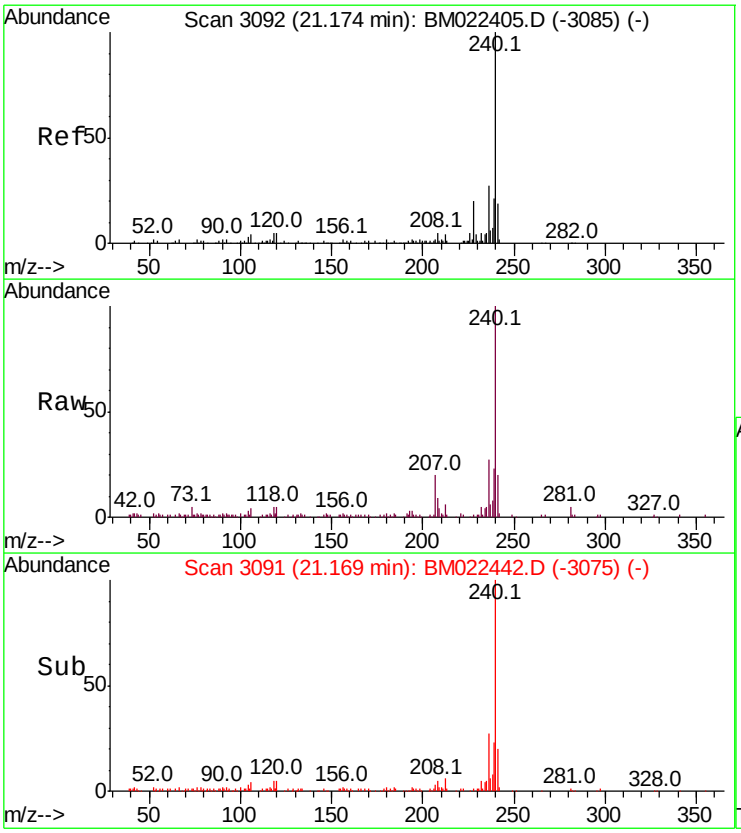
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

Instrument :
BNA_M
ClientSampleId :
S702A-N-1.0-1.5-082719

Tgt Ion:188 Resp: 74085

Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.4	6.6
80	7.4	5.0	7.6

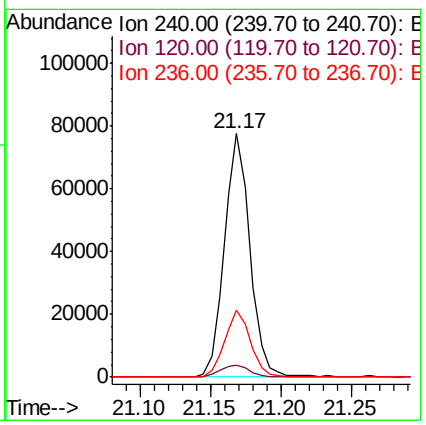


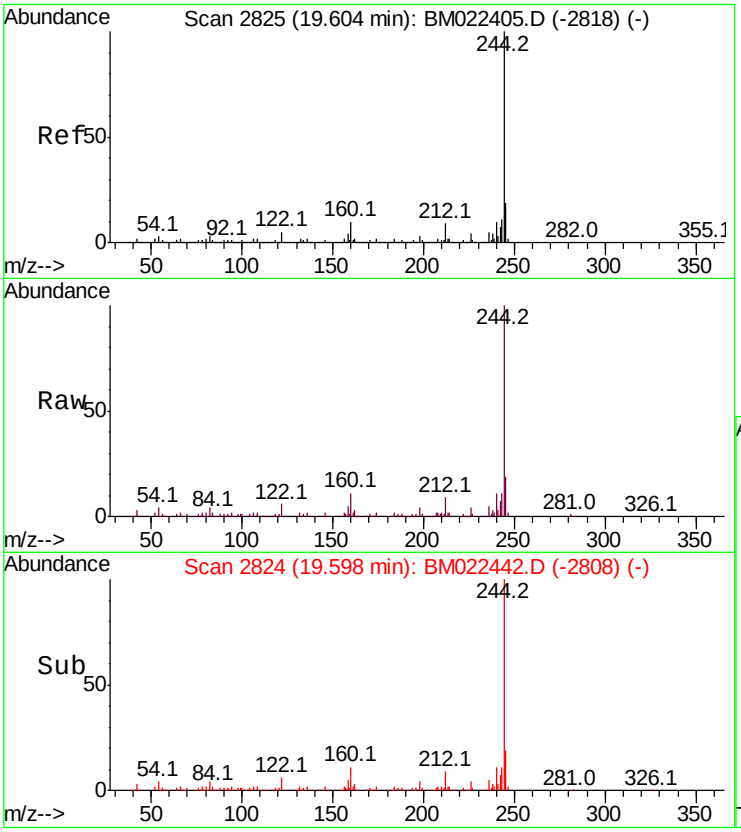


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

Tgt Ion:240 Resp: 97342

Ion	Ratio	Lower	Upper
240	100		
120	4.9	3.9	5.9
236	27.3	21.4	32.2



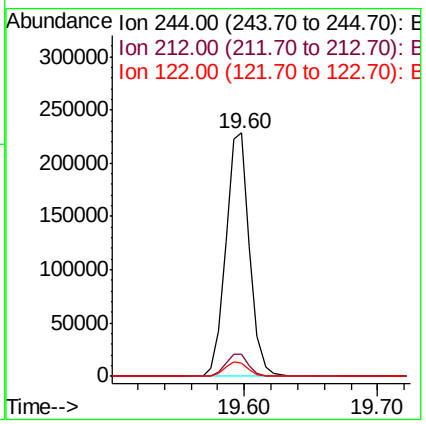


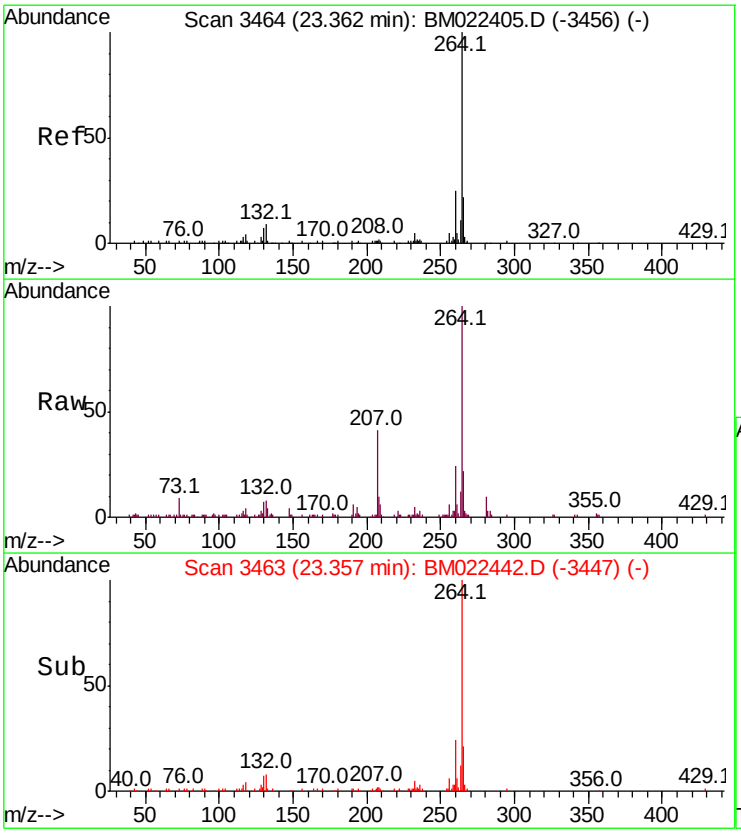
#79
Terphenyl-d14
Concen: 38.422 ng
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

Instrument :
BNA_M
ClientSampleId :
S702A-N-1.0-1.5-082719

Tgt Ion:244 Resp: 283390

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.4
122	5.6	3.9	5.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.36 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

Tgt Ion:264 Resp: 124612

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.2	30.2
265	22.5	18.2	27.2