Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
Data File : BM022237.D
Acq On : 21 Aug 2019 20:02
Operator : HP/JU
Sample : K4402-01RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FRAC-TANK-MUDRE

Quant Time: Aug 22 03:45:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 20 02:18:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	44368	20.00	ng	-0.01
21) Naphthalene-d8	10.34	136	174039	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	101269	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	182663	20.00	ng	0.00
76) Chrysene-d12	21.19	240	161427	20.00	ng	0.00
87) Perylene-d12	23.39	264	193272	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	8677	3.48	ng	0.00
7) Phenol-d6	6.76	99	76309	23.01	ng	0.00
23) Nitrobenzene-d5	8.73	82	211648	59.15	ng	-0.01
42) 2,4,6-Tribromophenol	15.75	330	1537	0.94	ng	0.01
45) 2-Fluorobiphenyl	12.83	172	324688	40.05	ng	-0.01
79) Terphenyl-d14	19.63	244	260489	23.51	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.70	163	44654	5.245	ng	# 99

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

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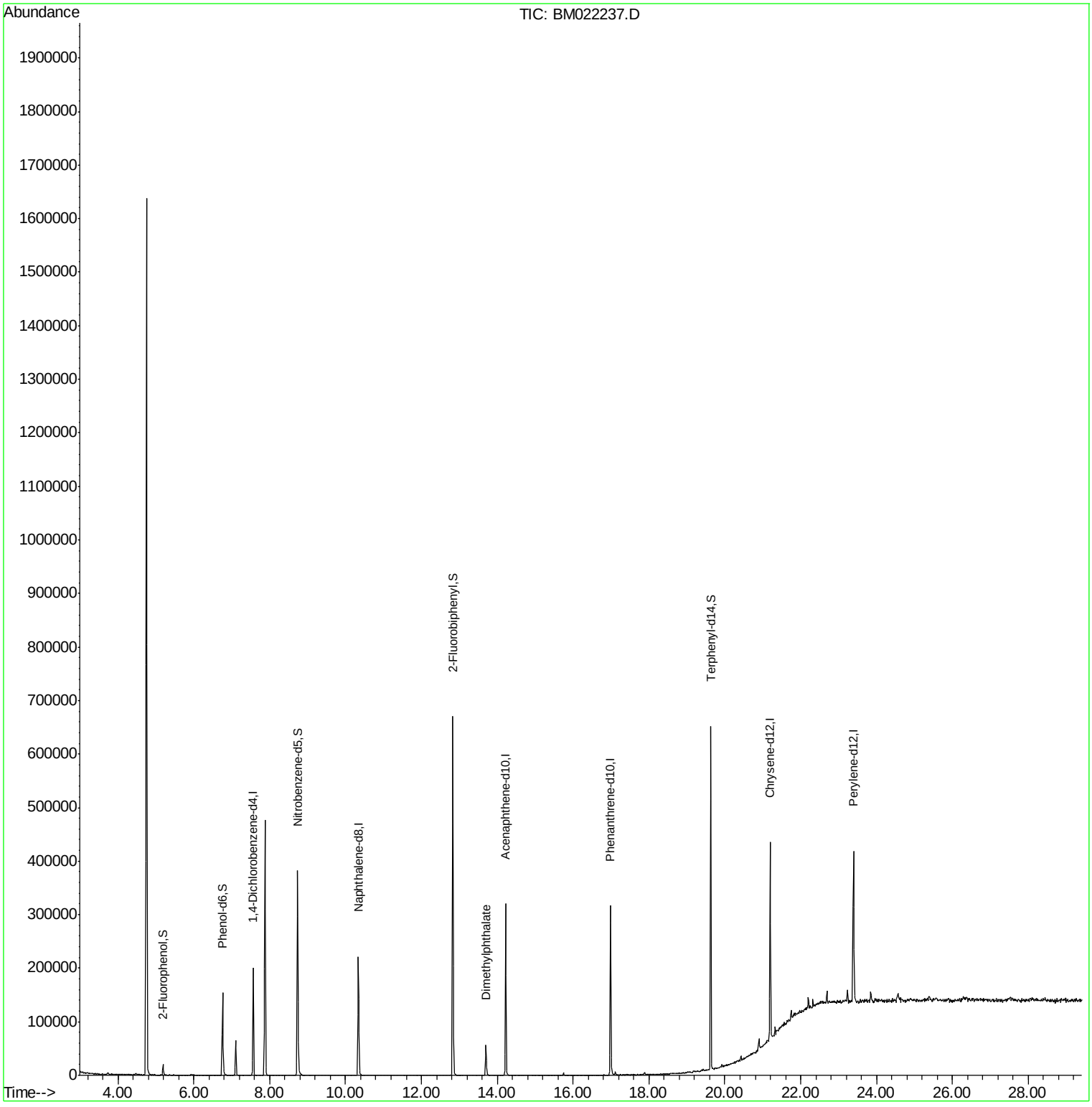
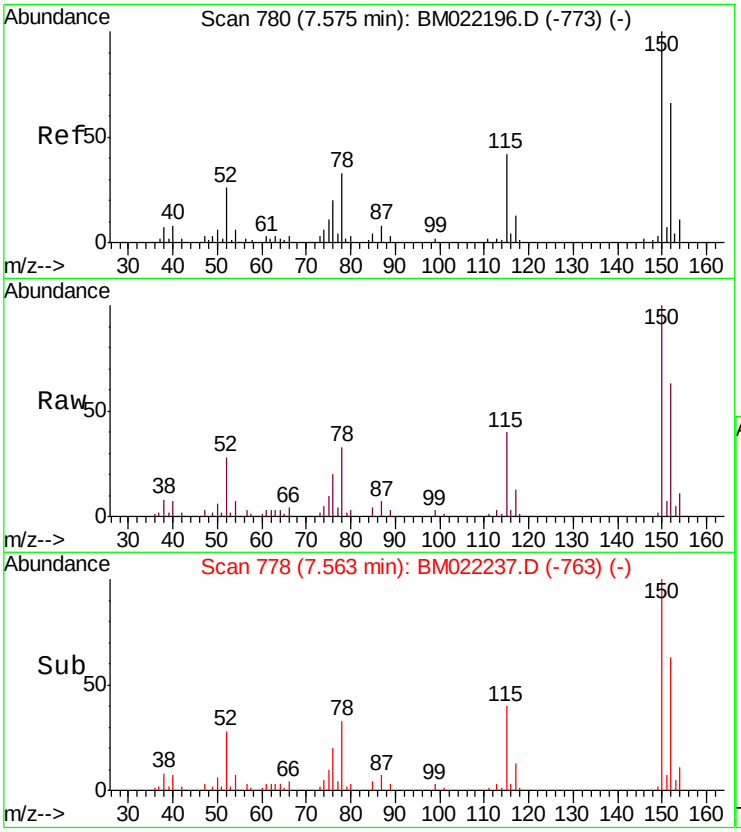


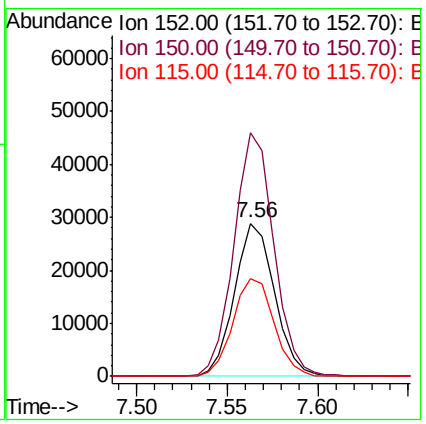


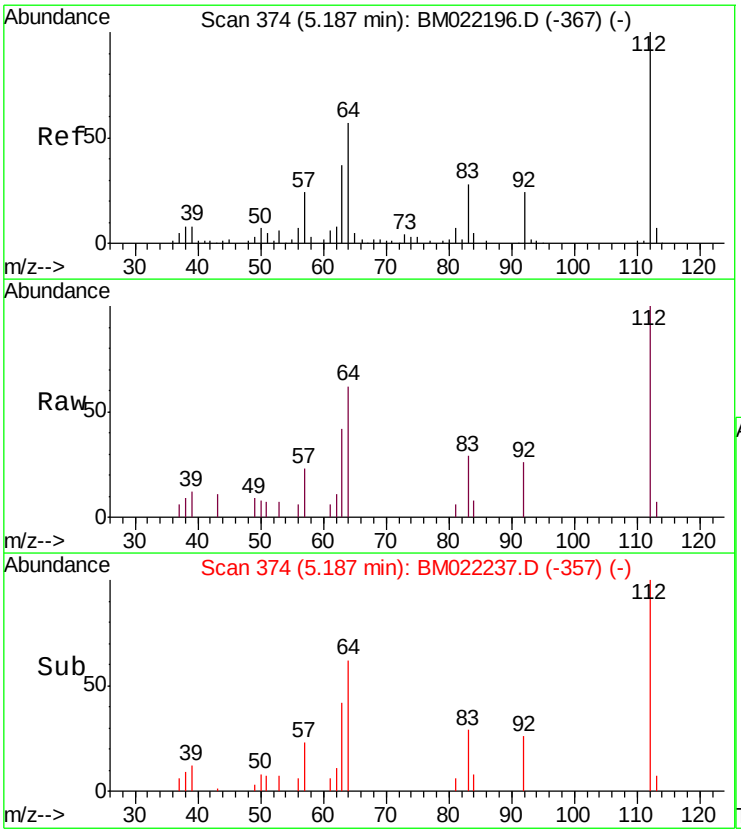
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.01 min
Lab File: BM022237.D
Acq: 21 Aug 2019 20:02

Instrument :
BNA_M
ClientSampleId :
FRAC-TANK-MUDRE

Tgt Ion:152 Resp: 44368

Ion	Ratio	Lower	Upper
152	100		
150	159.2	123.1	184.7
115	64.0	44.2	66.4

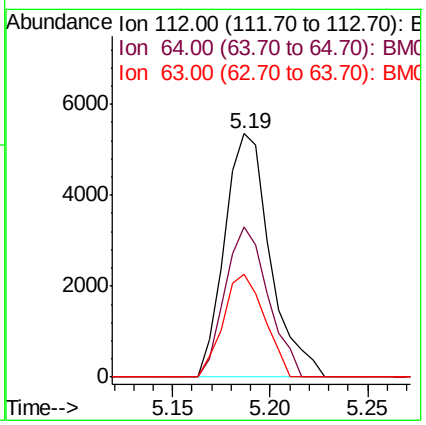


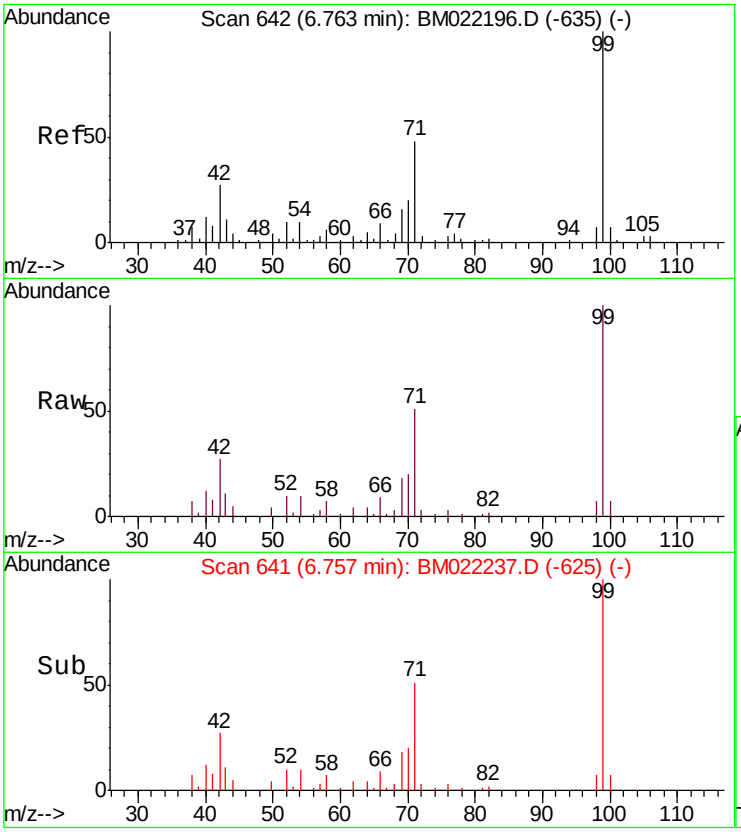


#5
2-Fluorophenol
Concen: 3.485 ng
RT: 5.19 min Scan# 374
Delta R.T. 0.00 min
Lab File: BM022237.D
Acq: 21 Aug 2019 20:02

Tgt Ion:112 Resp: 8677

Ion	Ratio	Lower	Upper
112	100		
64	61.8	45.2	67.8
63	42.0	23.5	35.3#



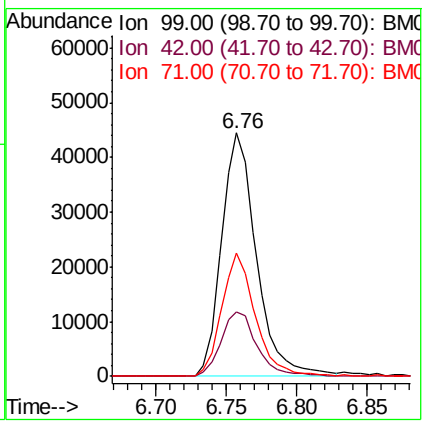


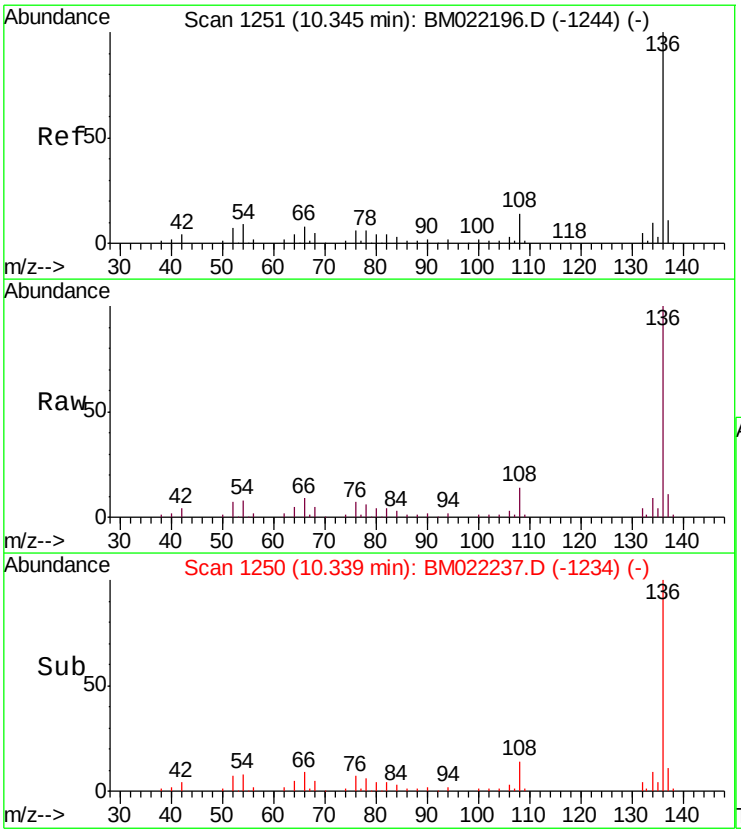
#7
Phenol-d6
Concen: 23.015 ng
RT: 6.76 min Scan# 641
Delta R.T. -0.01 min
Lab File: BM022237.D
Acq: 21 Aug 2019 20:02

Instrument :
BNA_M
ClientSampleId :
FRAC-TANK-MUDRE

Tgt Ion: 99 Resp: 76309

Ion	Ratio	Lower	Upper
99	100		
42	26.6	13.5	20.3#
71	50.5	29.3	43.9#

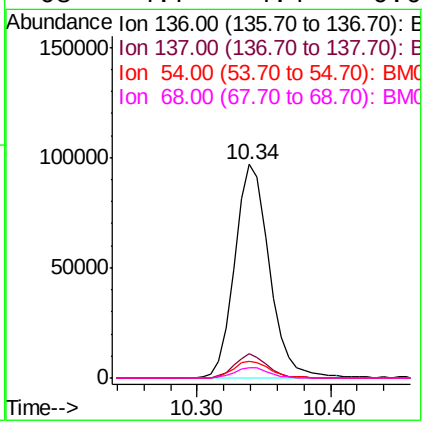


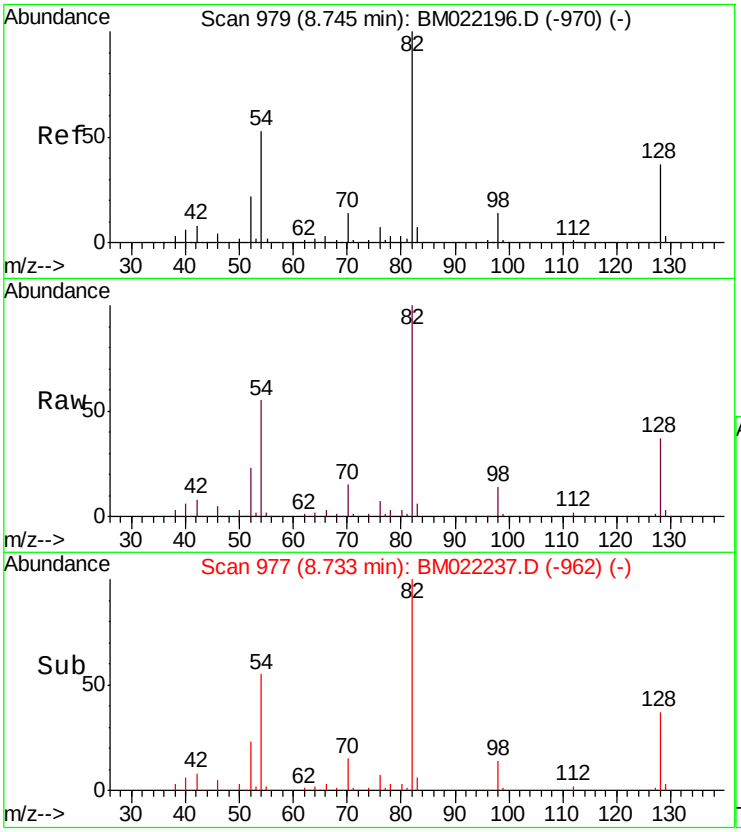


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM022237.D
Acq: 21 Aug 2019 20:02

Tgt Ion:136 Resp: 174039

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.0	5.3	7.9#
68	4.7	4.4	6.6



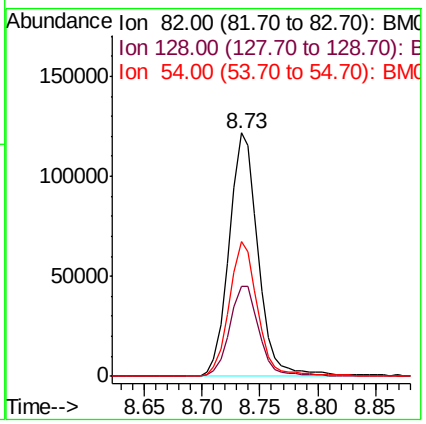


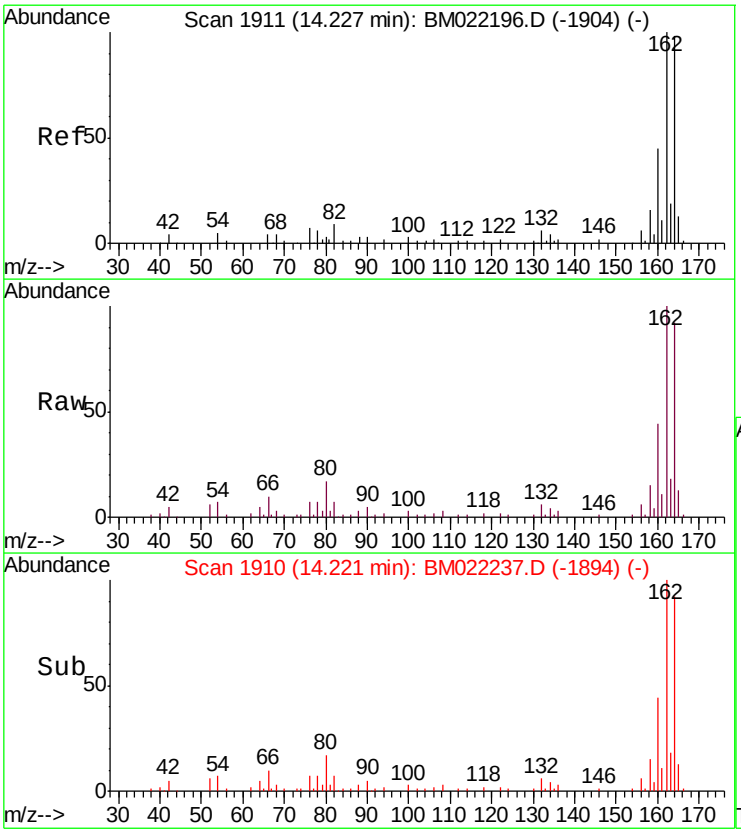
#23
Nitrobenzene-d5
Concen: 59.147 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM022237.D
Acq: 21 Aug 2019 20:02

Instrument :
BNA_M
ClientSampleId :
FRAC-TANK-MUDRE

Tgt Ion: 82 Resp: 211648

Ion	Ratio	Lower	Upper
82	100		
128	37.2	35.9	53.9
54	55.4	36.6	55.0#

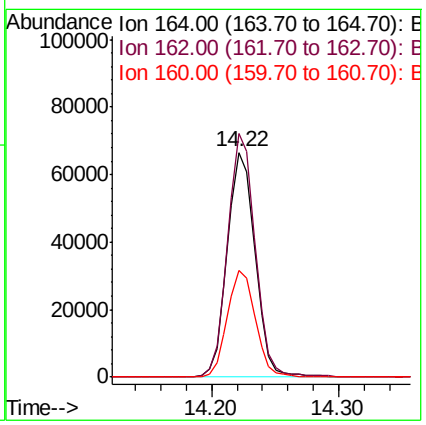


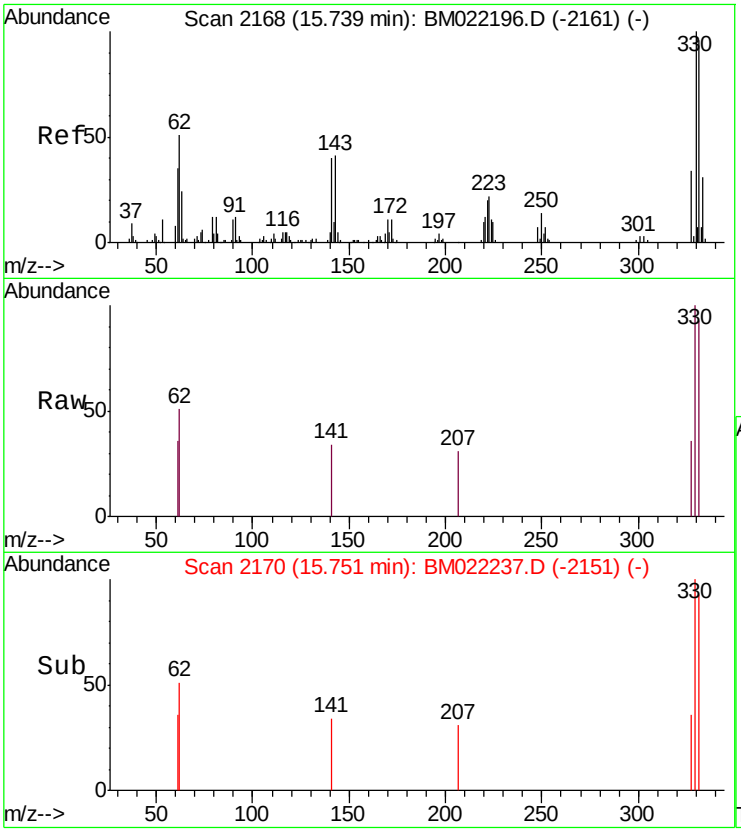


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM022237.D
Acq: 21 Aug 2019 20:02

Tgt Ion:164 Resp: 101269

Ion	Ratio	Lower	Upper
164	100		
162	108.2	82.1	123.1
160	47.5	37.1	55.7



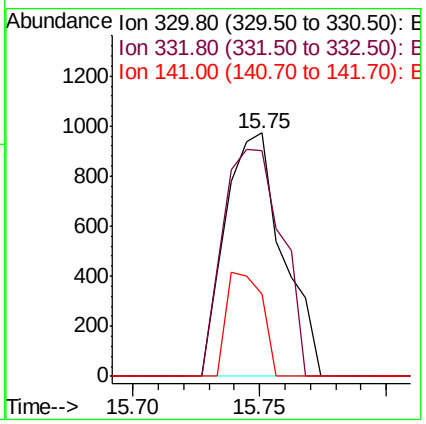


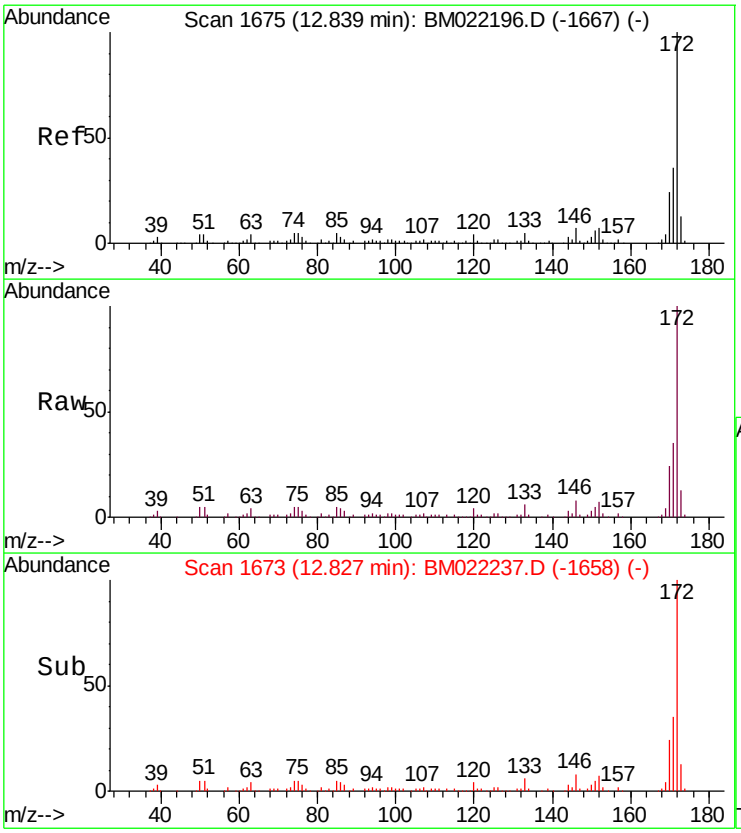
#42
2,4,6-Tribromophenol
Concen: 0.938 ng
RT: 15.75 min Scan# 2170
Delta R.T. 0.01 min
Lab File: BM022237.D
Acq: 21 Aug 2019 20:02

Instrument :
BNA_M
ClientSampleId :
FRAC-TANK-MUDRE

Tgt Ion:330 Resp: 1537

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	26.4	21.8	32.8

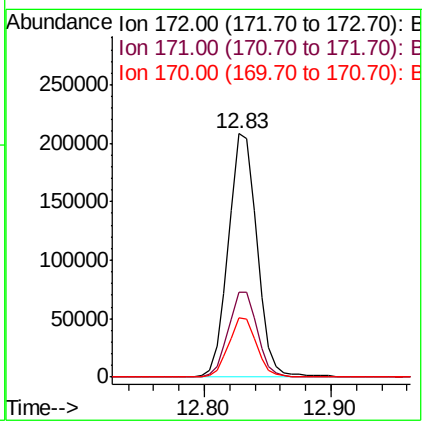


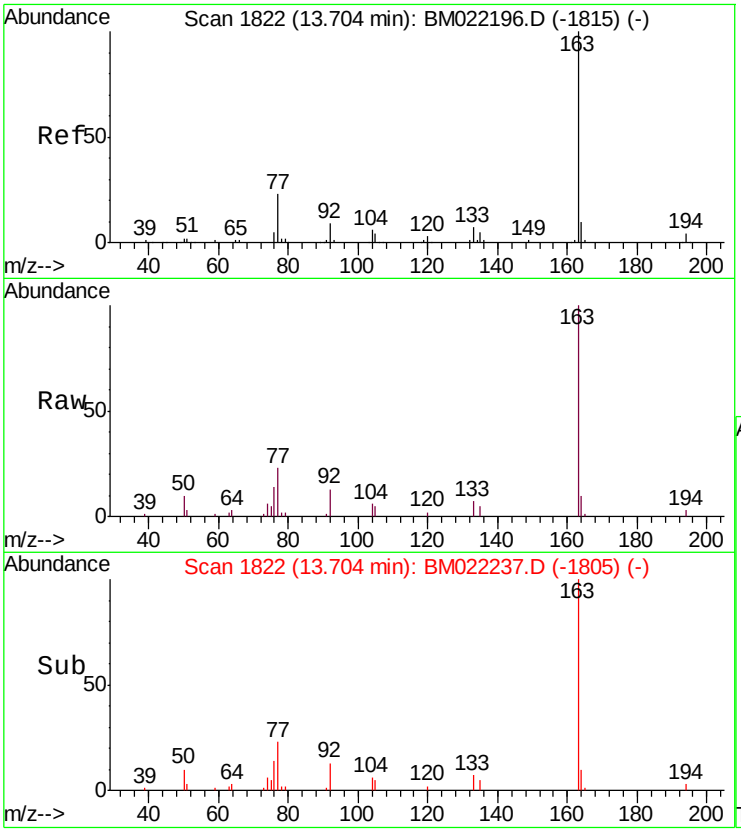


#45
2-Fluorobiphenyl
Concen: 40.045 ng
RT: 12.83 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BM022237.D
Acq: 21 Aug 2019 20:02

Tgt Ion:172 Resp: 324688

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	43.0
170	24.2	18.7	28.1



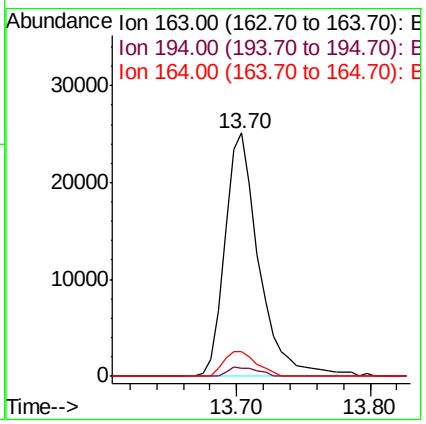


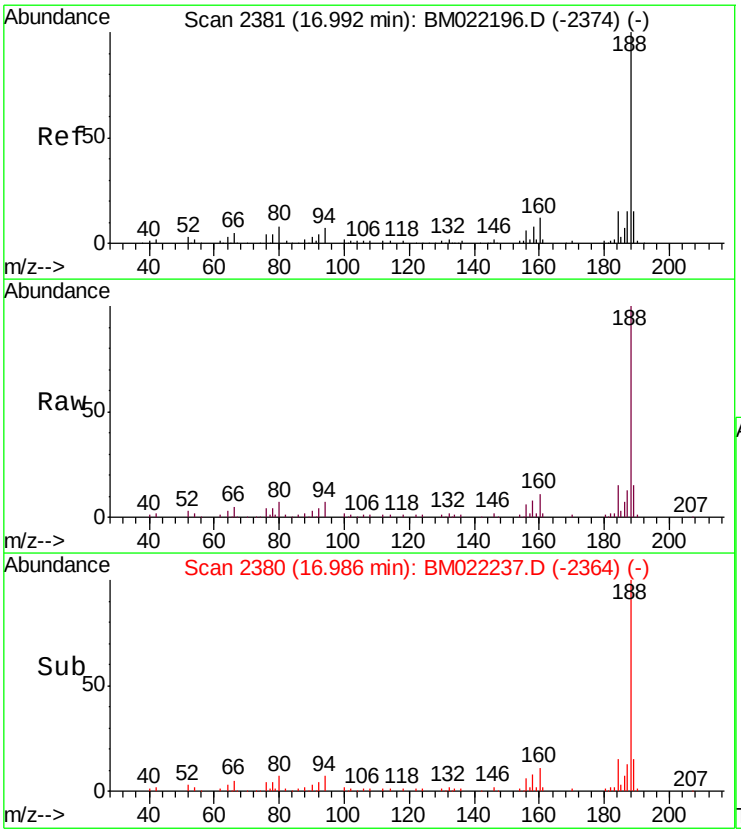
#50
Dimethylphthalate
Concen: 5.245 ng
RT: 13.70 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM022237.D
Acq: 21 Aug 2019 20:02

Instrument :
BNA_M
ClientSampleId :
FRAC-TANK-MUDRE

Tgt Ion:163 Resp: 44654

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.4	5.2#
164	9.9	8.2	12.2

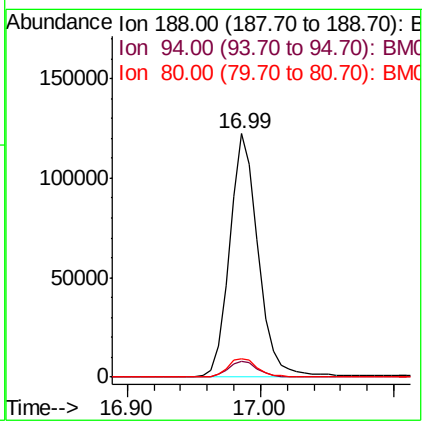


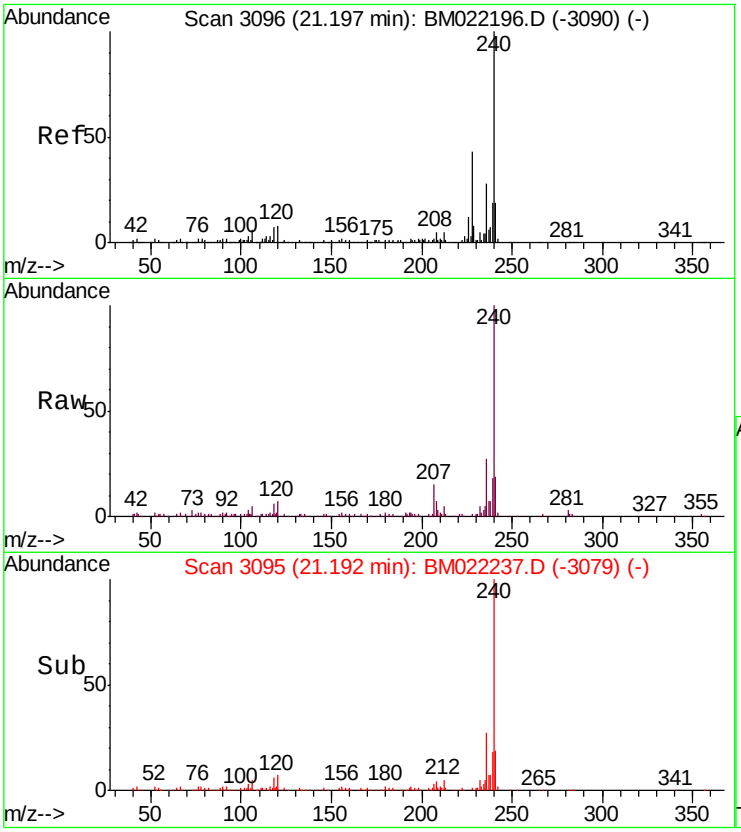


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BM022237.D
Acq: 21 Aug 2019 20:02

Tgt Ion:188 Resp: 182663

Ion	Ratio	Lower	Upper
188	100		
94	6.5	5.8	8.8
80	7.4	6.9	10.3



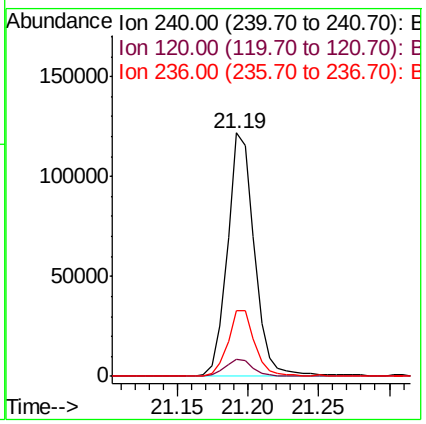


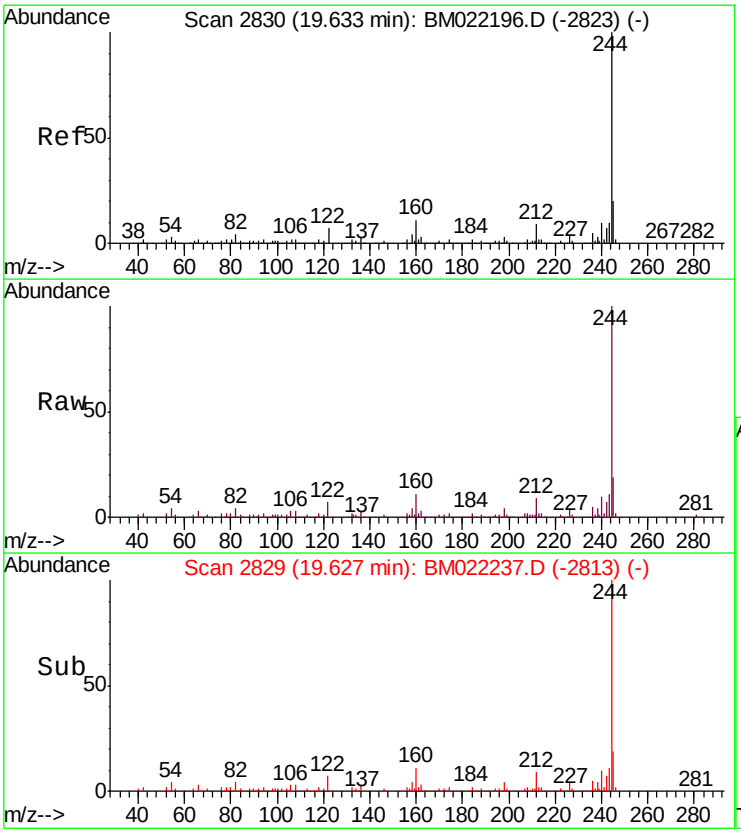
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM022237.D
Acq: 21 Aug 2019 20:02

Instrument :
BNA_M
ClientSampleId :
FRAC-TANK-MUDRE

Tgt Ion:240 Resp: 161427

Ion	Ratio	Lower	Upper
240	100		
120	6.8	6.9	10.3#
236	27.2	20.4	30.6

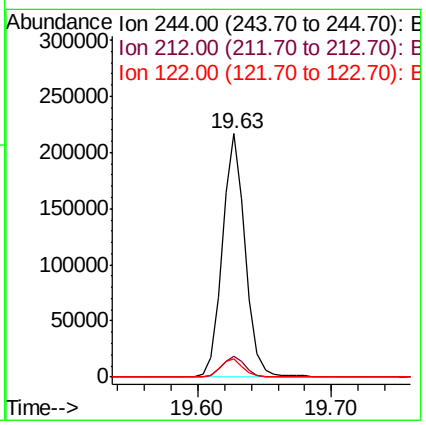


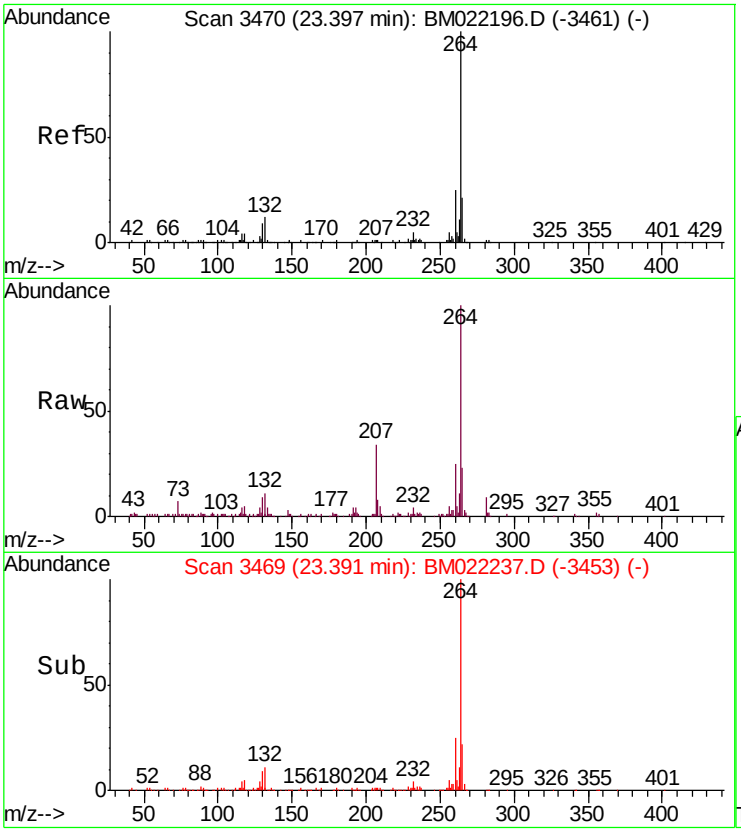


#79
Terphenyl-d14
Concen: 23.512 ng
RT: 19.63 min Scan# 2829
Delta R.T. -0.01 min
Lab File: BM022237.D
Acq: 21 Aug 2019 20:02

Tgt Ion:244 Resp: 260489

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.3	7.9#
122	7.5	6.6	9.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM022237.D
Acq: 21 Aug 2019 20:02

Instrument :
BNA_M
ClientSampleId :
FRAC-TANK-MUDRE

Tgt Ion:264 Resp: 193272

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.0	28.4
265	22.9	17.7	26.5