Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031521\
Data File : BM029134.D
Acq On : 15 Mar 2021 17:35
Operator : CG/JU
Sample : M1648-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : COMP2-30802:05

Quant Time: Mar 15 18:07:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 12 12:30:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	7938	20.00	ng	0.00
21) Naphthalene-d8	10.404	136	31708	20.00	ng	#-0.01
39) Acenaphthene-d10	14.286	164	18846	20.00	ng	-0.01
64) Phenanthrene-d10	17.033	188	39480	20.00	ng	-0.01
76) Chrysene-d12	21.215	240	36163	20.00	ng	#-0.01
86) Perylene-d12	23.356	264	36211	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.193	112	38083	79.52	ng	0.00
7) Phenol-d6	6.816	99	28051	44.35	ng	0.00
23) Nitrobenzene-d5	8.793	82	59575	101.37	ng	0.00
42) 2,4,6-Tribromophenol	15.792	330	34649	155.13	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	133839	94.54	ng	0.00
79) Terphenyl-d14	19.668	244	197137	100.66	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.840	94	3261	5.19	ng	# 16
31) Naphthalene	10.451	128	9173	5.25	ng	98

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

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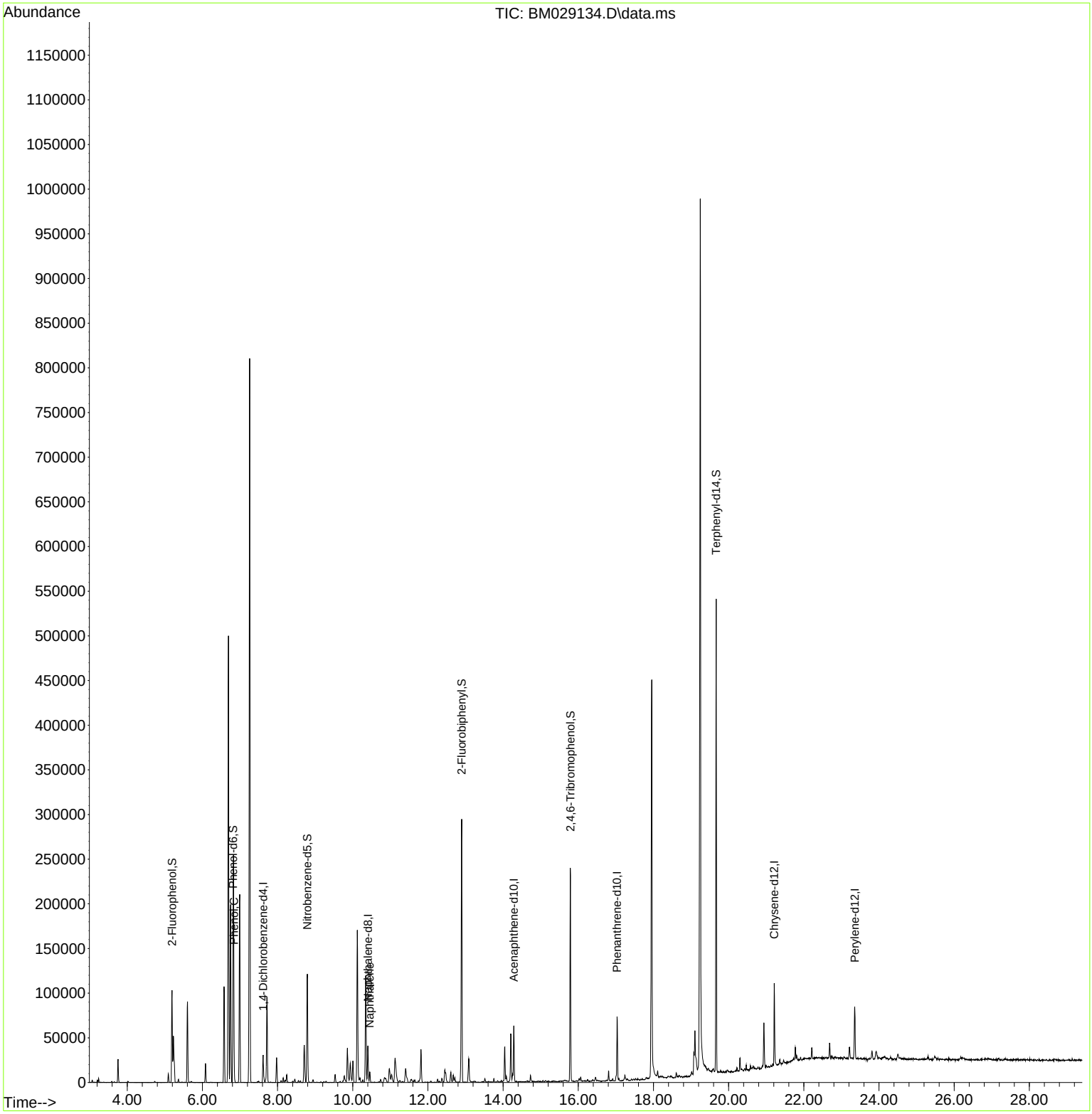
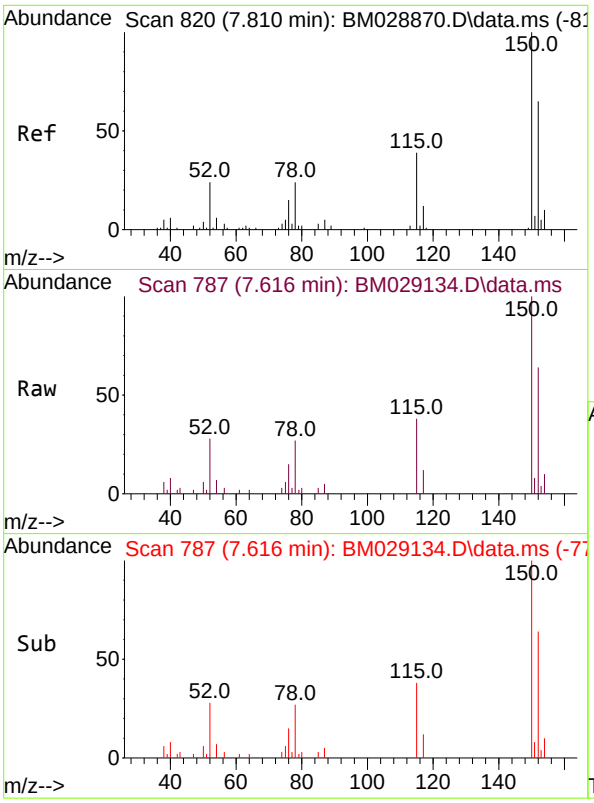
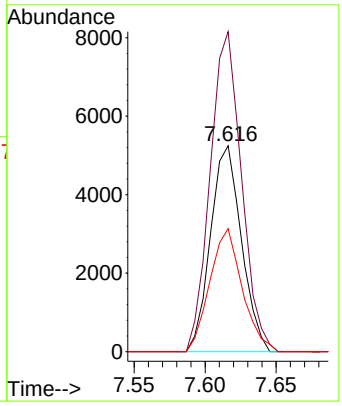




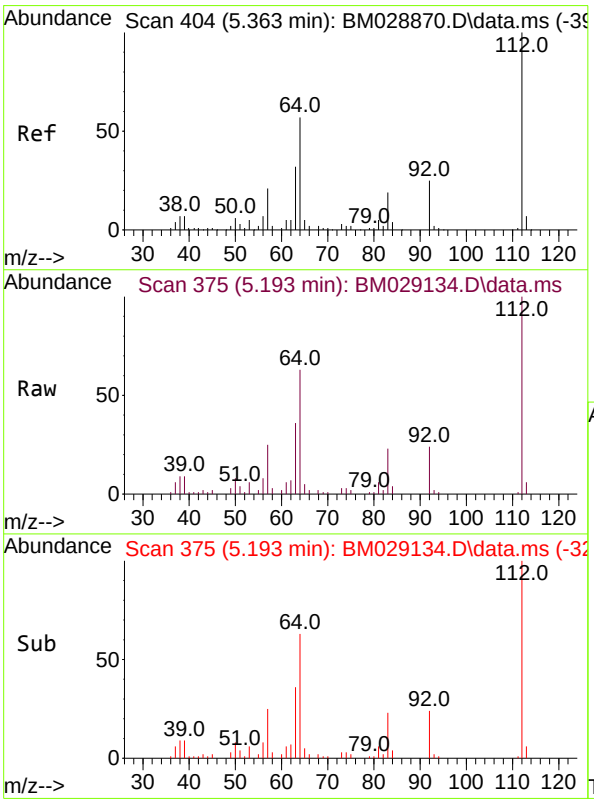
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 787
Delta R.T. -0.006 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

Tgt Ion:152 Resp: 7938

Ion	Ratio	Lower	Upper
152	100		
150	155.4	120.6	181.0
115	59.7	47.2	70.8



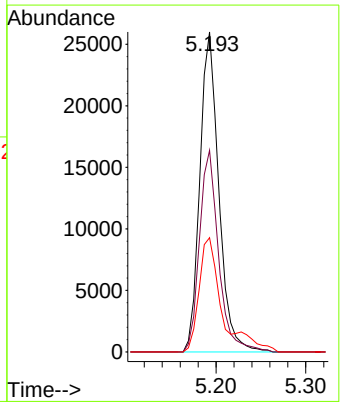
Instrument :
BNA_M
ClientSampleId :
COMP2-30802:05

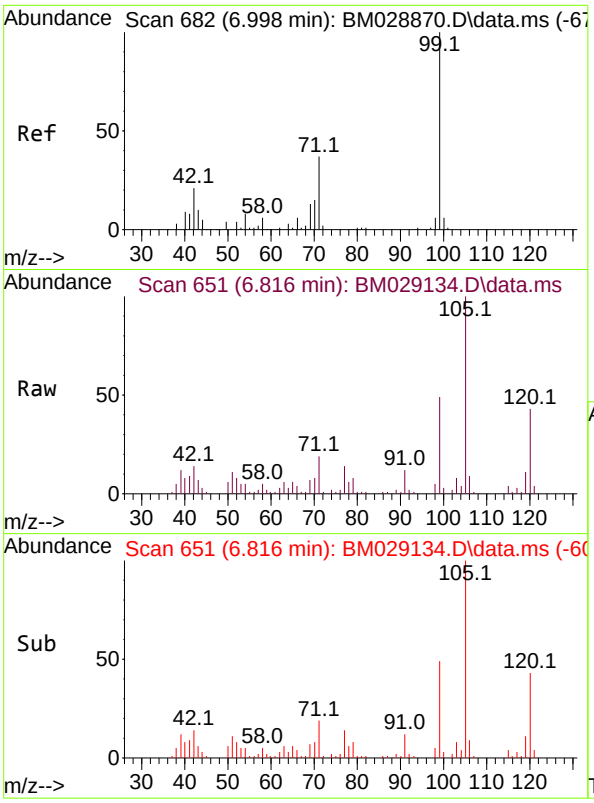


#5
2-Fluorophenol
Concen: 79.52 ng
RT: 5.193 min Scan# 375
Delta R.T. -0.006 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

Tgt Ion:112 Resp: 38083

Ion	Ratio	Lower	Upper
112	100		
64	63.0	50.6	76.0
63	35.7	31.0	46.6

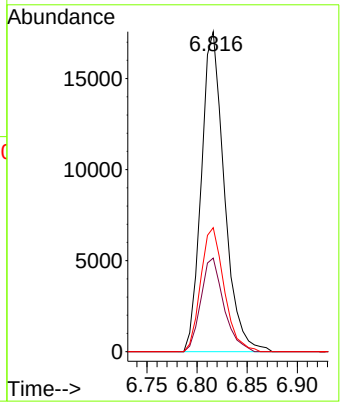




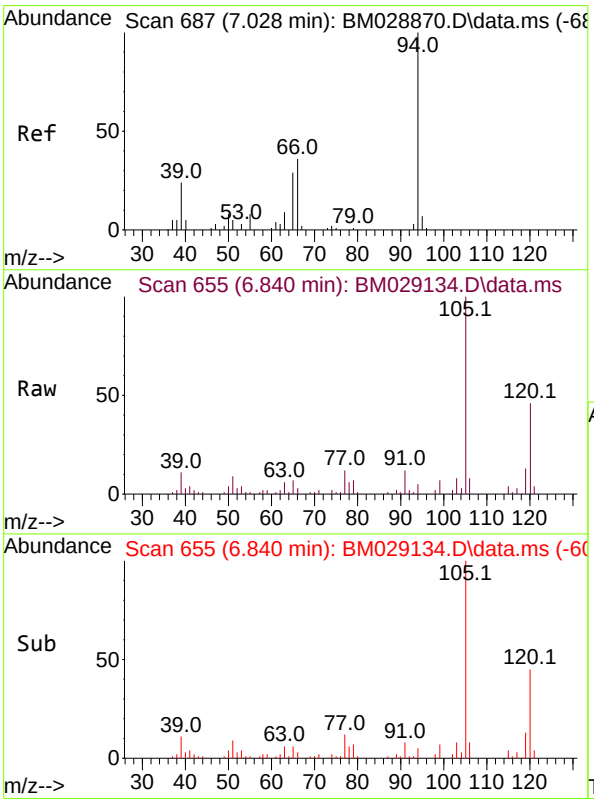
#7
Phenol-d6
Concen: 44.35 ng
RT: 6.816 min Scan# 651
Delta R.T. -0.006 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

Tgt Ion: 99 Resp: 28051

Ion	Ratio	Lower	Upper
99	100		
42	29.3	13.5	20.3#
71	38.8	39.4	59.0#



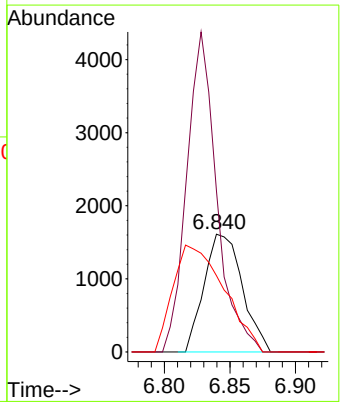
Instrument :
BNA_M
ClientSampleId :
COMP2-30802:05



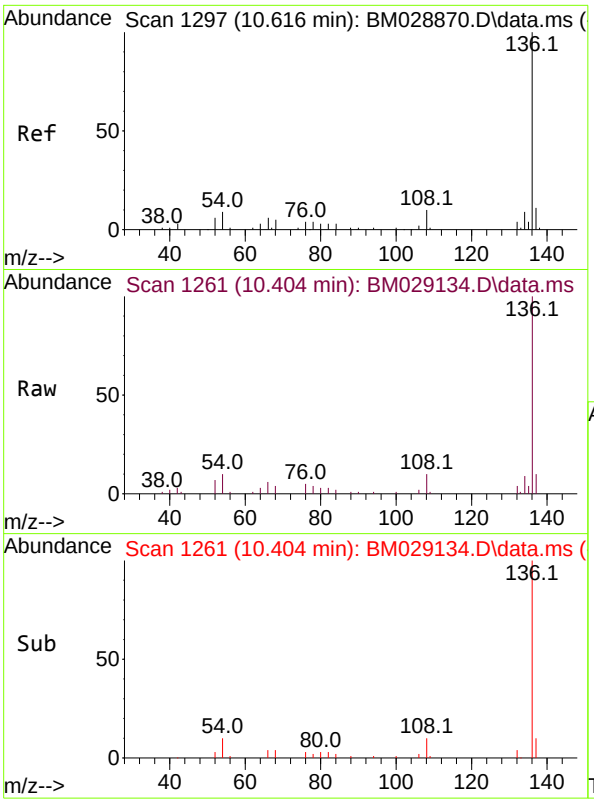
#10
Phenol
Concen: 5.19 ng
RT: 6.840 min Scan# 655
Delta R.T. -0.012 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

Tgt Ion: 94 Resp: 3261

Ion	Ratio	Lower	Upper
94	100		
65	136.9	16.4	56.4#
66	64.9	30.2	70.2



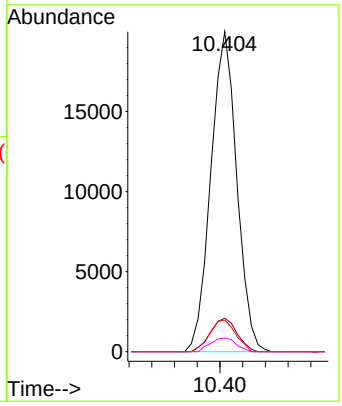
Instrument :
BNA_M
ClientSampleId :
COMP2-30802:05

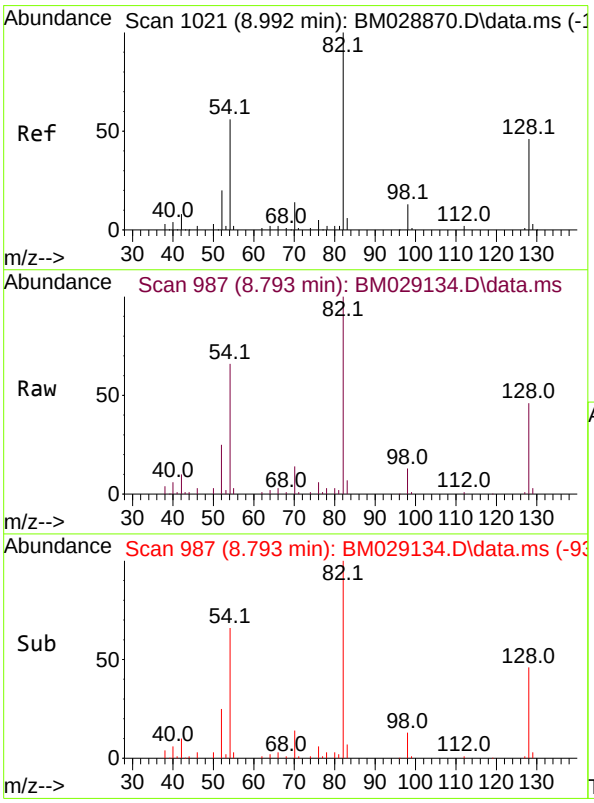


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.404 min Scan# 1261
Delta R.T. -0.012 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

Tgt Ion:136 Resp: 31708

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	9.9	4.6	7.0#
68	4.3	4.1	6.1

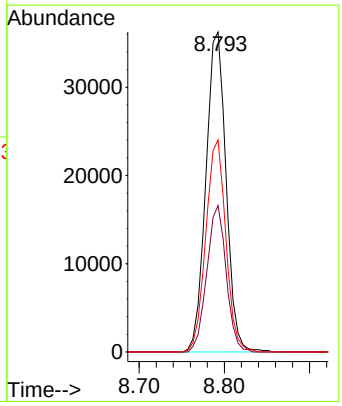


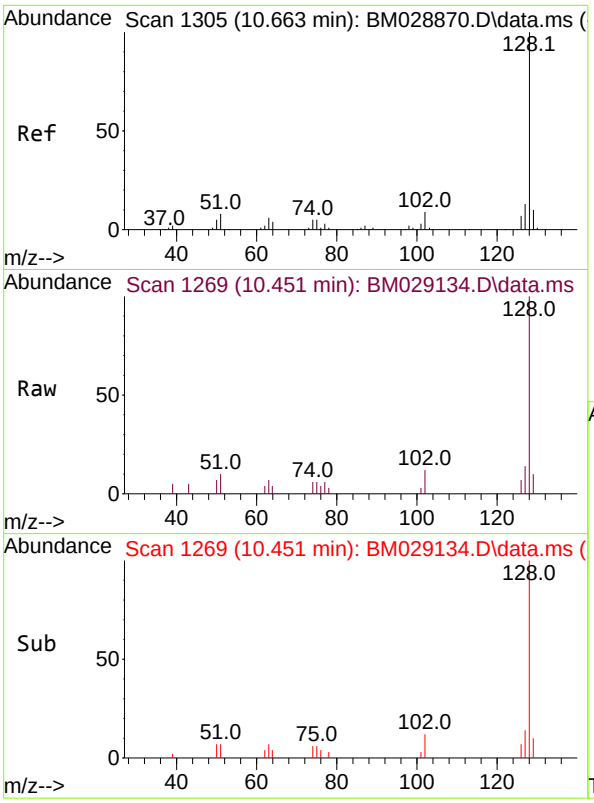


#23
Nitrobenzene-d5
Concen: 101.37 ng
RT: 8.793 min Scan# 987
Delta R.T. -0.006 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

Tgt Ion: 82 Resp: 59575

Ion	Ratio	Lower	Upper
82	100		
128	45.8	27.4	41.0#
54	66.2	31.4	47.0#

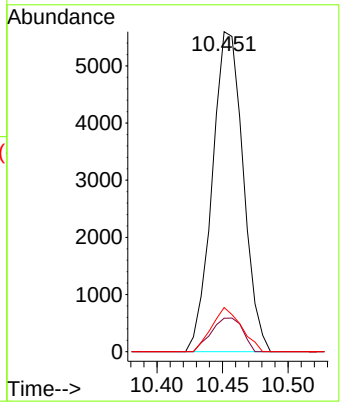




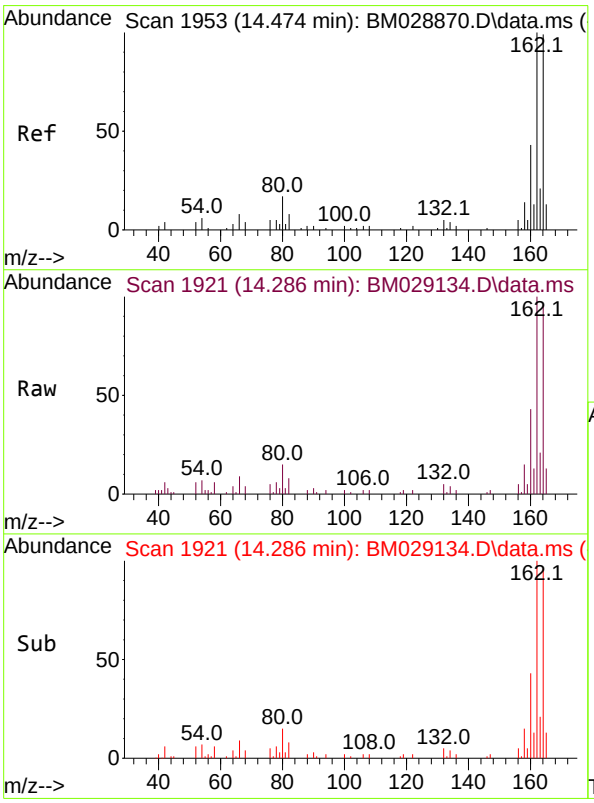
#31
Naphthalene
Concen: 5.25 ng
RT: 10.451 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

Tgt Ion:128 Resp: 9173

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.4
127	13.8	10.6	15.8



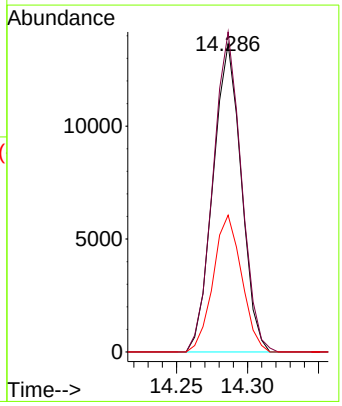
Instrument :
BNA_M
ClientSampleId :
COMP2-30802:05



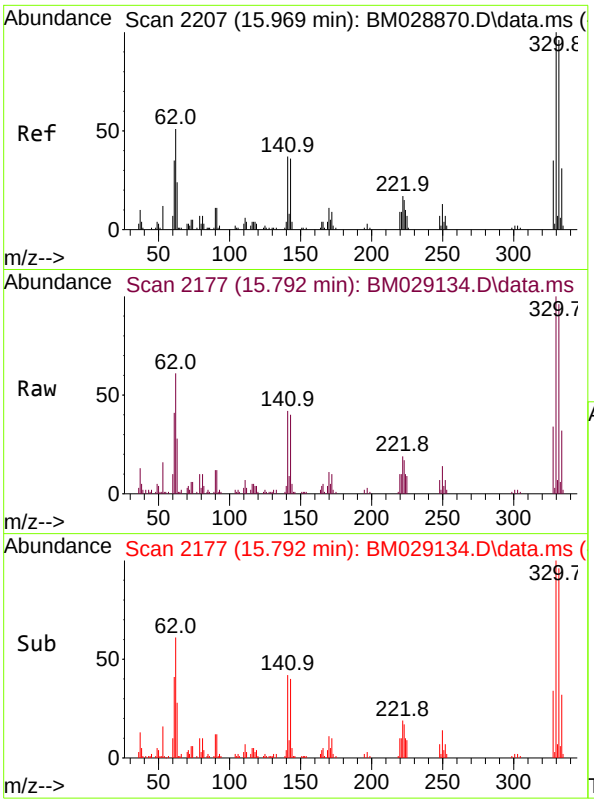
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.286 min Scan# 1921
Delta R.T. -0.012 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

Tgt Ion:164 Resp: 18846

Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.4	120.6
160	44.4	35.9	53.9



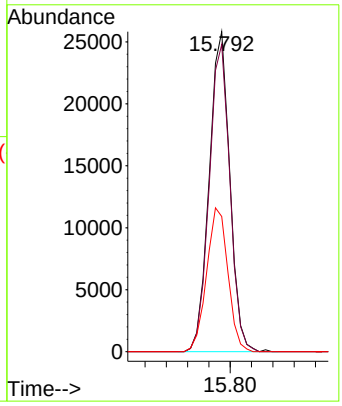
Instrument :
BNA_M
ClientSampleId :
COMP2-30802:05

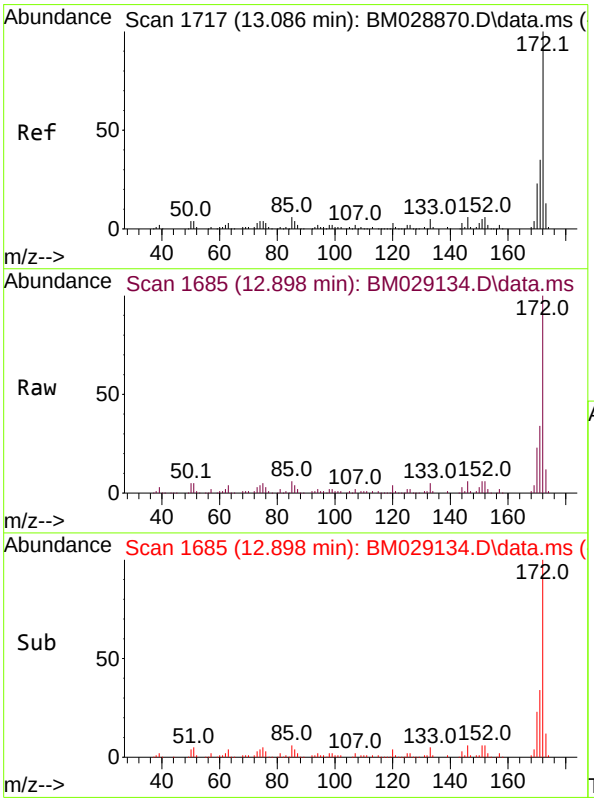


#42
2,4,6-Tribromophenol
Concen: 155.13 ng
RT: 15.792 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

Tgt Ion:330 Resp: 34649

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.8	116.8
141	46.5	28.4	42.6#

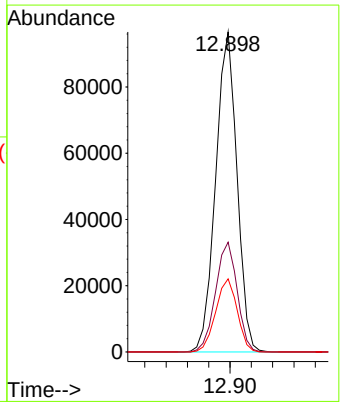


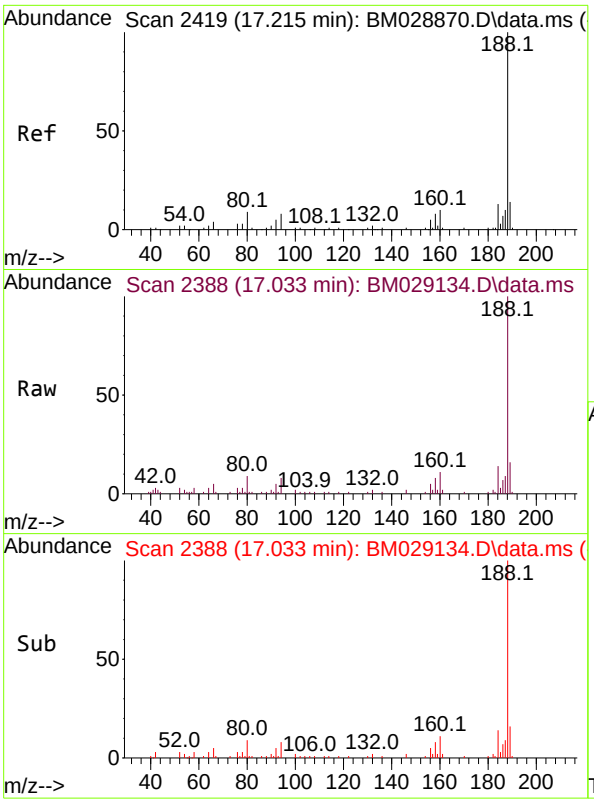


#45
2-Fluorobiphenyl
Concen: 94.54 ng
RT: 12.898 min Scan# 1685
Delta R.T. -0.006 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

Tgt Ion:172 Resp: 133839

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.8
170	22.8	18.6	27.8

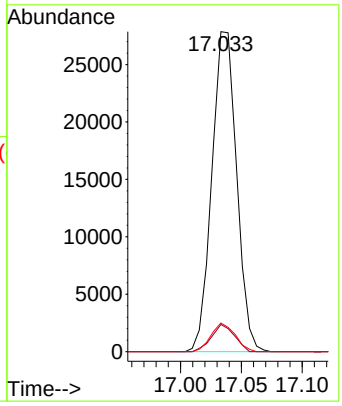




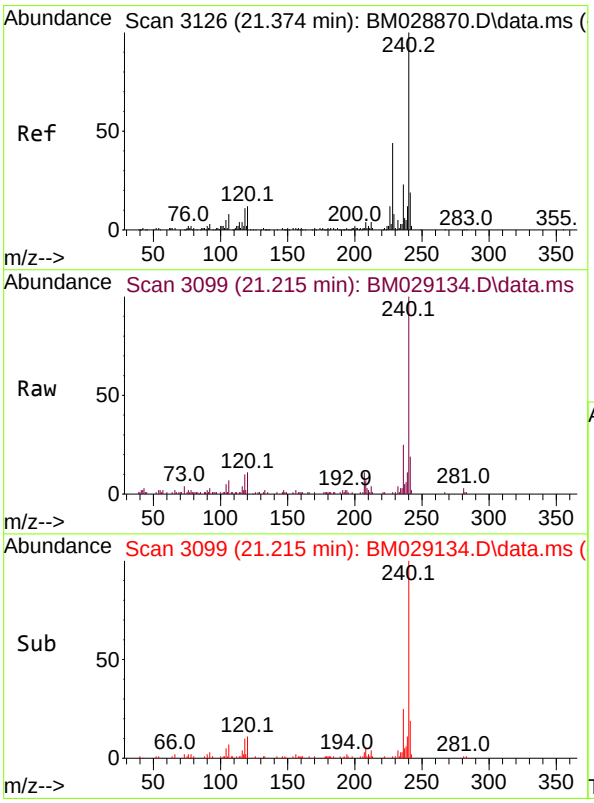
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.033 min Scan# 2388
Delta R.T. -0.012 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

Tgt Ion:188 Resp: 39480

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.2	9.4
80	9.0	7.5	11.3



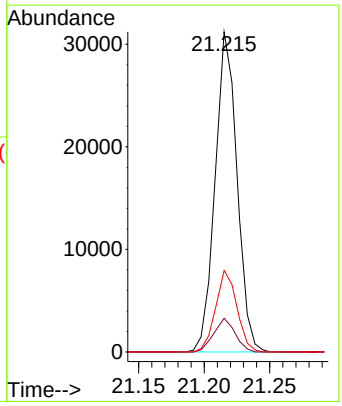
Instrument :
BNA_M
ClientSampleId :
COMP2-30802:05



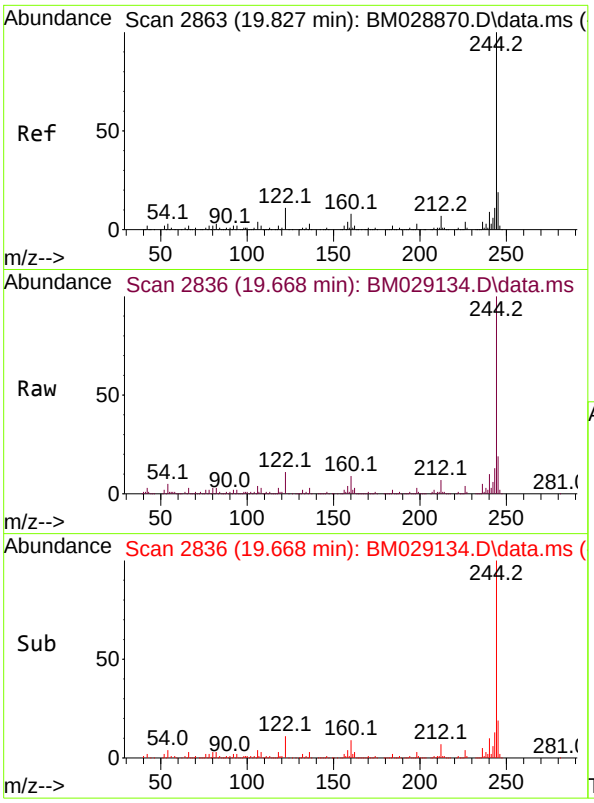
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.215 min Scan# 3099
Delta R.T. -0.012 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

Tgt Ion:240 Resp: 36163

Ion	Ratio	Lower	Upper
240	100		
120	10.6	6.4	9.6#
236	25.4	20.1	30.1



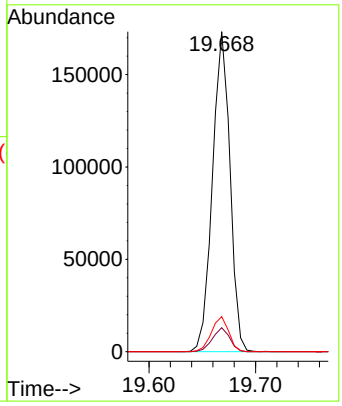
Instrument :
BNA_M
ClientSampleId :
COMP2-30802:05

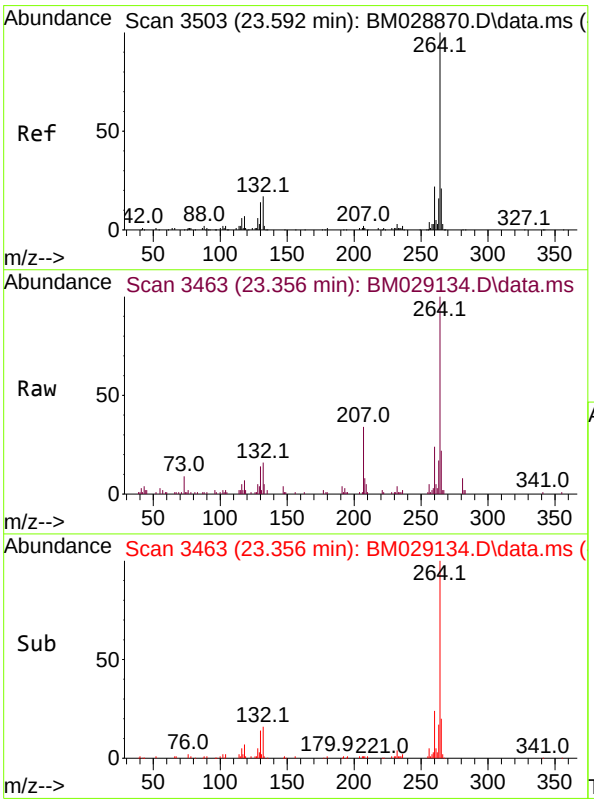


#79
Terphenyl-d14
Concen: 100.66 ng
RT: 19.668 min Scan# 2836
Delta R.T. -0.006 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

Tgt Ion:244 Resp: 197137

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	10.9	6.5	9.7#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.356 min Scan# 3463
Delta R.T. -0.012 min
Lab File: BM029134.D
Acq: 15 Mar 2021 17:35

Tgt Ion:264 Resp: 36211

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.4
265	21.6	17.7	26.5