Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042121\
Data File : BM029580.D
Acq On : 21 Apr 2021 23:37
Operator : CG/JU
Sample : M2111-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-2

Quant Time: Apr 22 04:31:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 21 15:14:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	57021	20.00	ng	0.00
21) Naphthalene-d8	10.428	136	231332	20.00	ng	0.00
39) Acenaphthene-d10	14.286	164	183795	20.00	ng	0.00
64) Phenanthrene-d10	17.027	188	439207	20.00	ng	0.00
76) Chrysene-d12	21.209	240	509784	20.00	ng	0.00
86) Perylene-d12	23.403	264	558565	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	415638	146.14	ng	0.00
7) Phenol-d6	6.822	99	587166	138.22	ng	0.00
23) Nitrobenzene-d5	8.798	82	387561	86.29	ng	0.00
42) 2,4,6-Tribromophenol	15.780	330	351320	138.22	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1161514	85.77	ng	0.00
79) Terphenyl-d14	19.662	244	2265371	84.25	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.852	94	14144	3.44	ng	81
50) Dimethylphthalate	13.751	163	55242	3.98	ng	97

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

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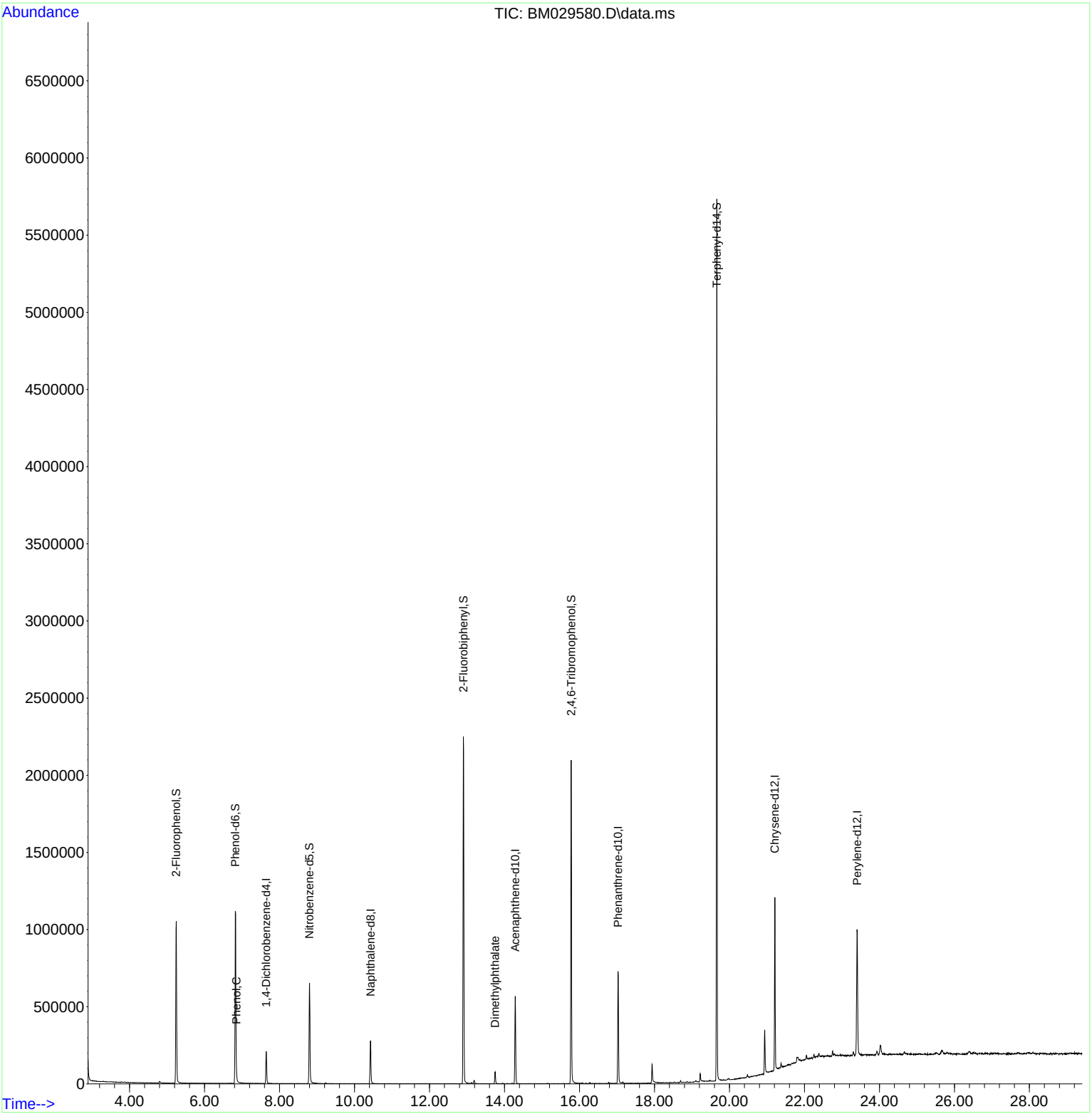

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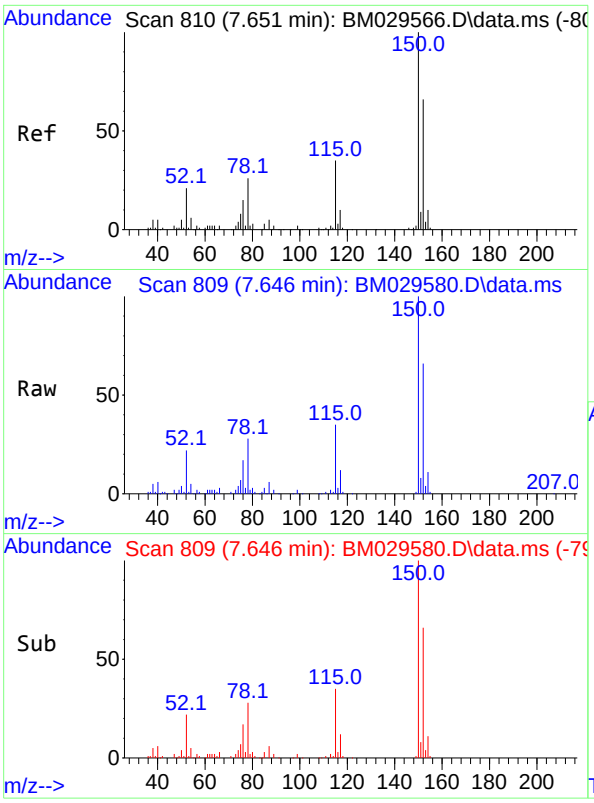
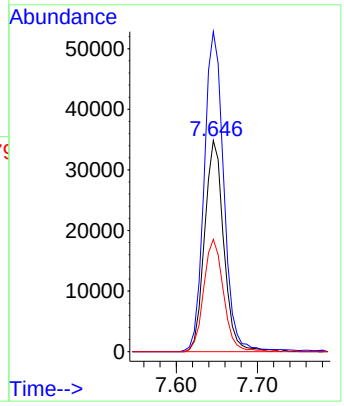
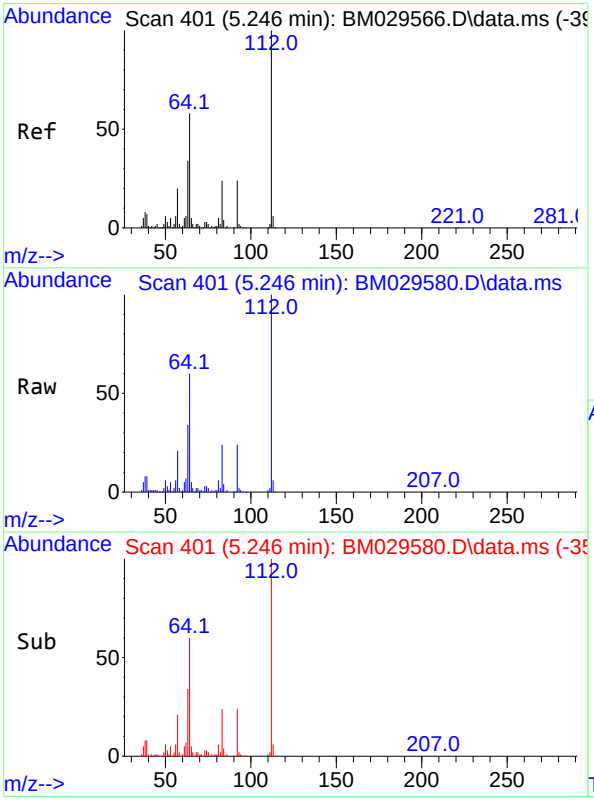


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.646 min Scan# 809
Delta R.T. -0.005 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

Tgt Ion:152 Resp: 57021

Ion	Ratio	Lower	Upper
152	100		
150	151.5	125.9	188.9
115	53.2	44.6	67.0

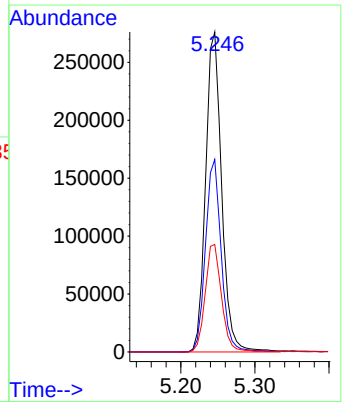




#5
2-Fluorophenol
Concen: 146.14 ng
RT: 5.246 min Scan# 401
Delta R.T. 0.000 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

Tgt Ion:112 Resp: 415638

Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.1	70.7
63	33.6	27.3	40.9



Instrument :
BNA_M
ClientSampleId :
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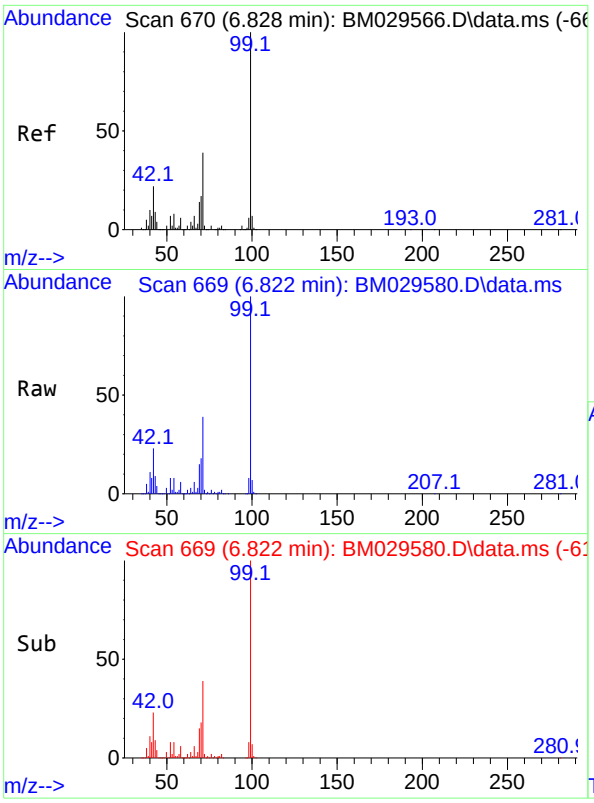
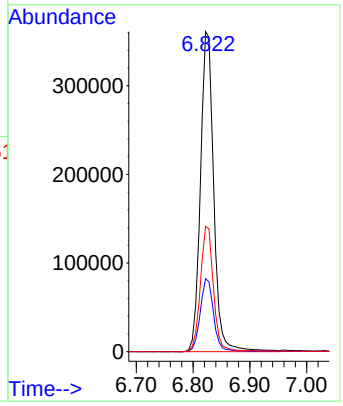
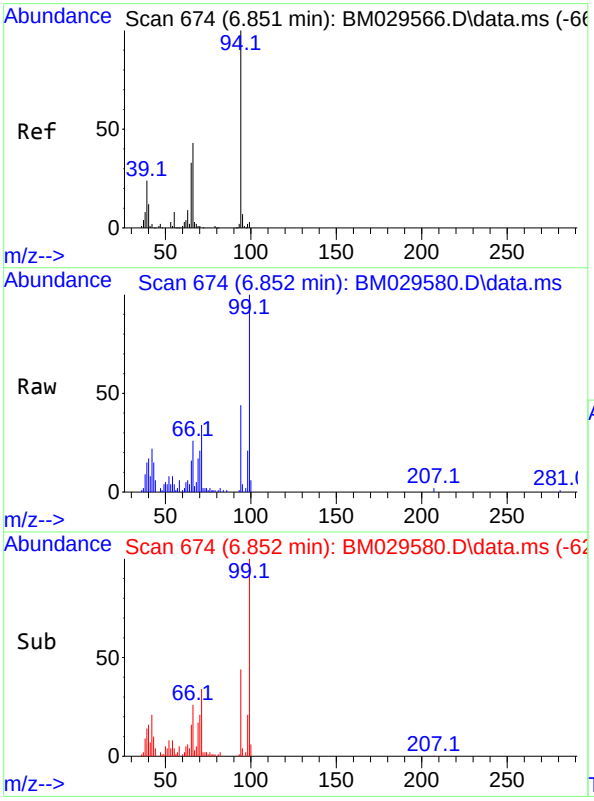


#7
Phenol-d6
Concen: 138.22 ng
RT: 6.822 min Scan# 669
Delta R.T. -0.006 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

Tgt Ion: 99 Resp: 587166

Ion	Ratio	Lower	Upper
99	100		
42	22.8	18.0	27.0
71	39.2	30.9	46.3

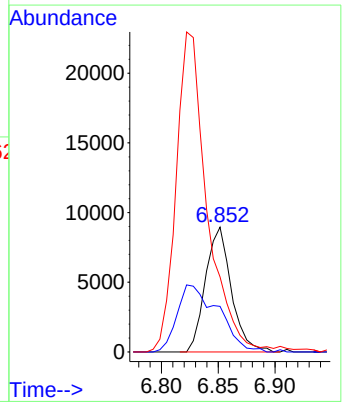




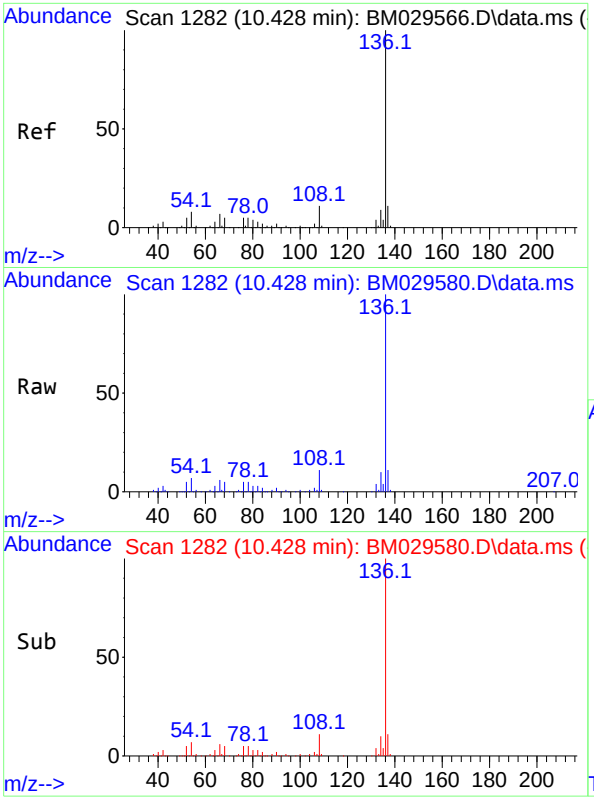
#10
Phenol
Concen: 3.44 ng
RT: 6.852 min Scan# 674
Delta R.T. 0.000 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

Tgt Ion: 94 Resp: 14144

Ion	Ratio	Lower	Upper
94	100		
65	36.5	11.9	51.9
66	60.1	22.6	62.6



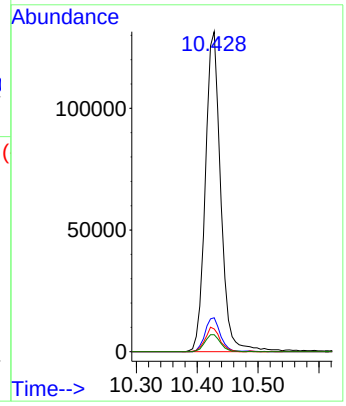
Instrument :
BNA_M
ClientSampleId :
S-2

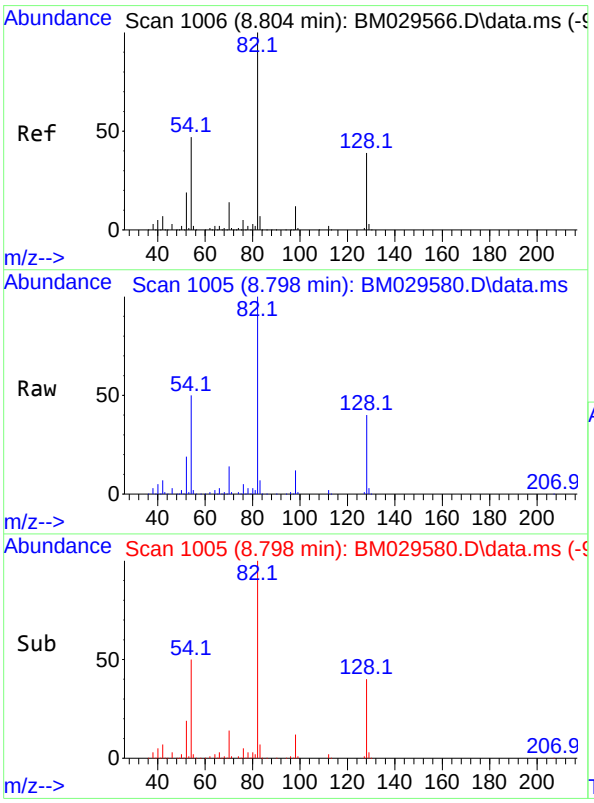


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.428 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

Tgt Ion:136 Resp: 231332

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	7.1	5.5	8.3
68	5.3	4.2	6.2

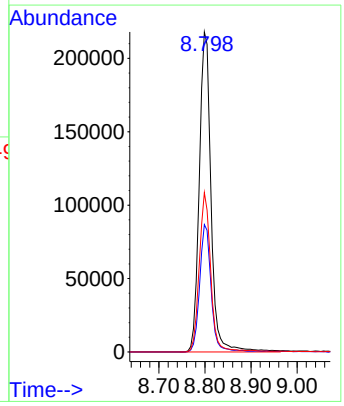




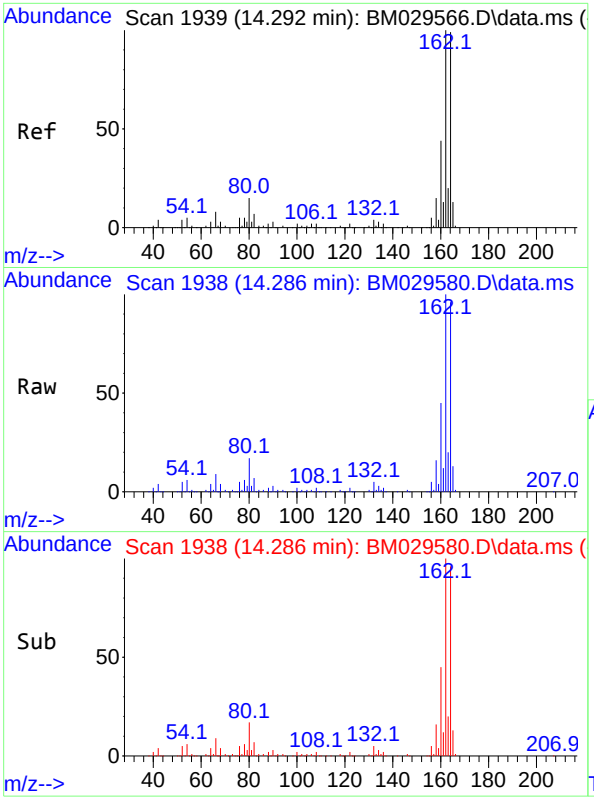
#23
Nitrobenzene-d5
Concen: 86.29 ng
RT: 8.798 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

Tgt Ion: 82 Resp: 387561

Ion	Ratio	Lower	Upper
82	100		
128	39.8	31.1	46.7
54	49.8	37.3	55.9



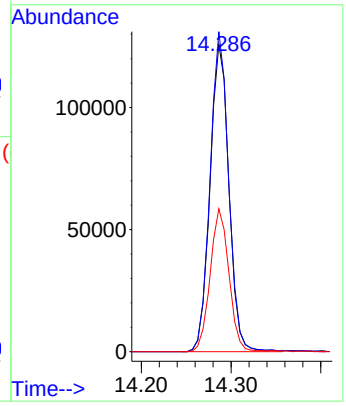
Instrument :
BNA_M
ClientSampleId :
S-2

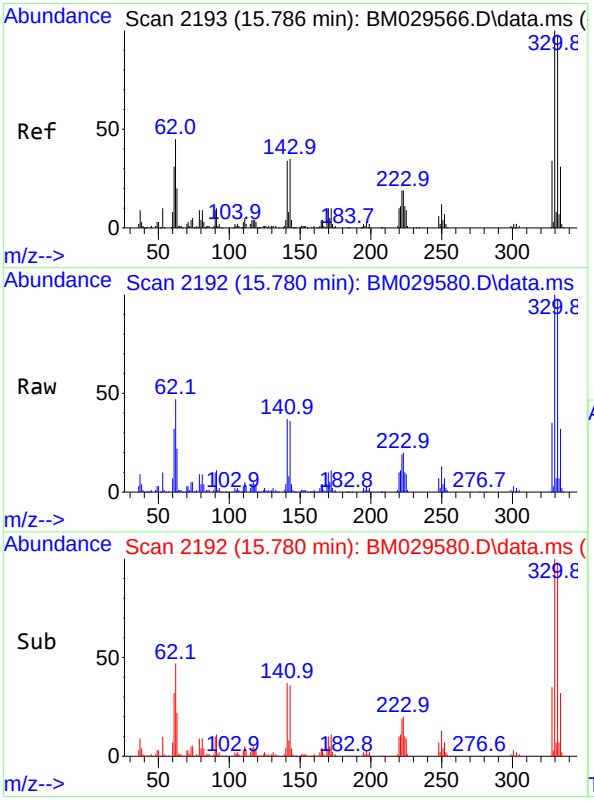


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.286 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

Tgt Ion:164 Resp: 183795

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.4	125.0
160	46.5	37.2	55.8

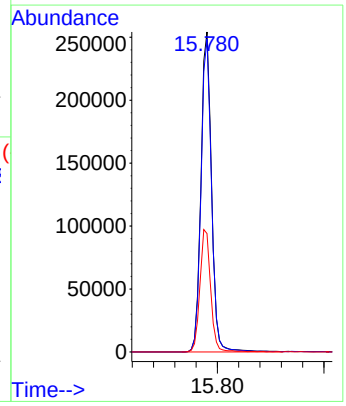




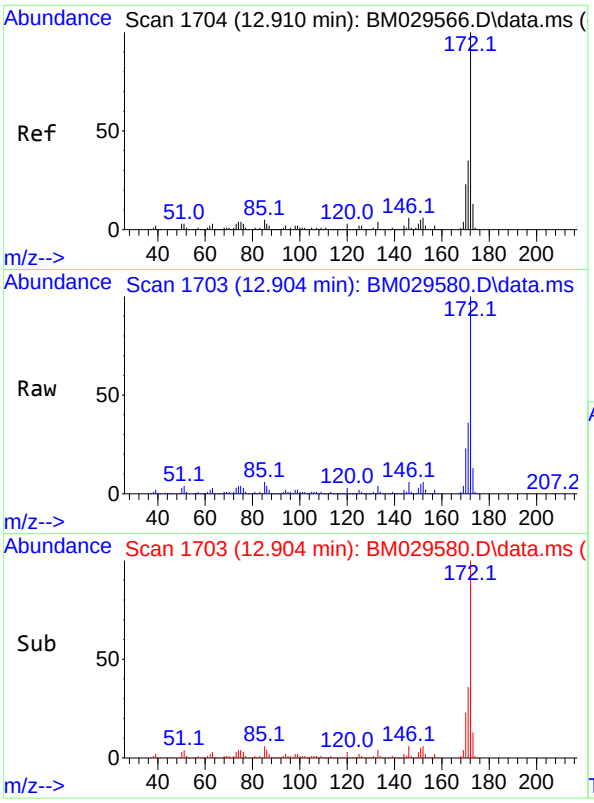
#42
2,4,6-Tribromophenol
Concen: 138.22 ng
RT: 15.780 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

Tgt Ion:330 Resp: 351320

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.4
141	38.9	30.2	45.2



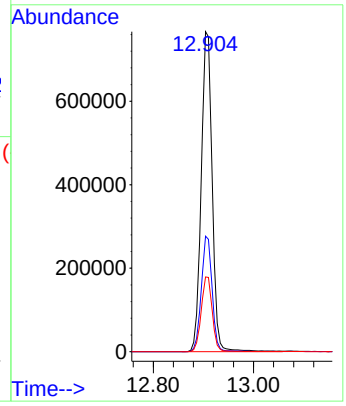
Instrument :
BNA_M
ClientSampleId :
S-2

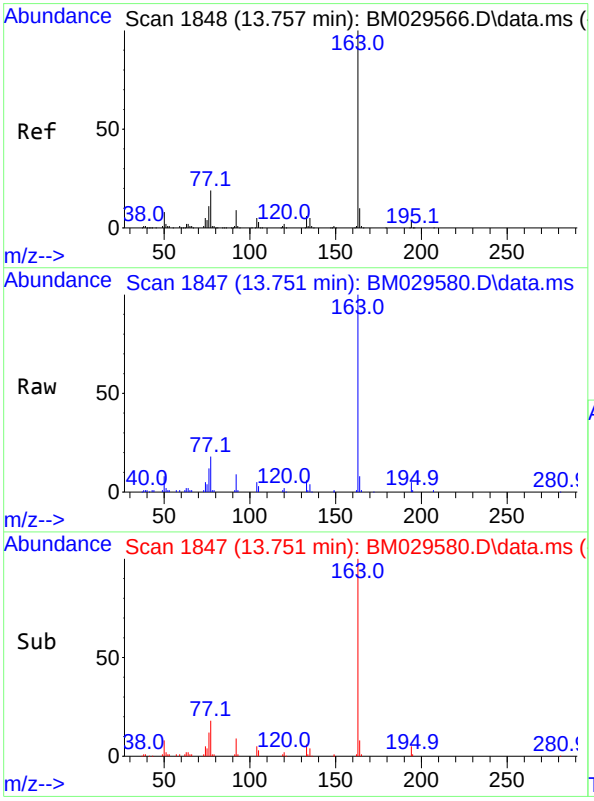


#45
2-Fluorobiphenyl
Concen: 85.77 ng
RT: 12.904 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

Tgt Ion:172 Resp: 1161514

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.3	18.4	27.6

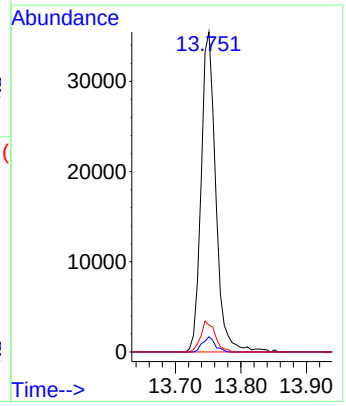




#50
Dimethylphthalate
Concen: 3.98 ng
RT: 13.751 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

Tgt Ion:163 Resp: 55242

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.3	4.9
164	8.4	7.9	11.9



Instrument :
BNA_M
ClientSampleId :
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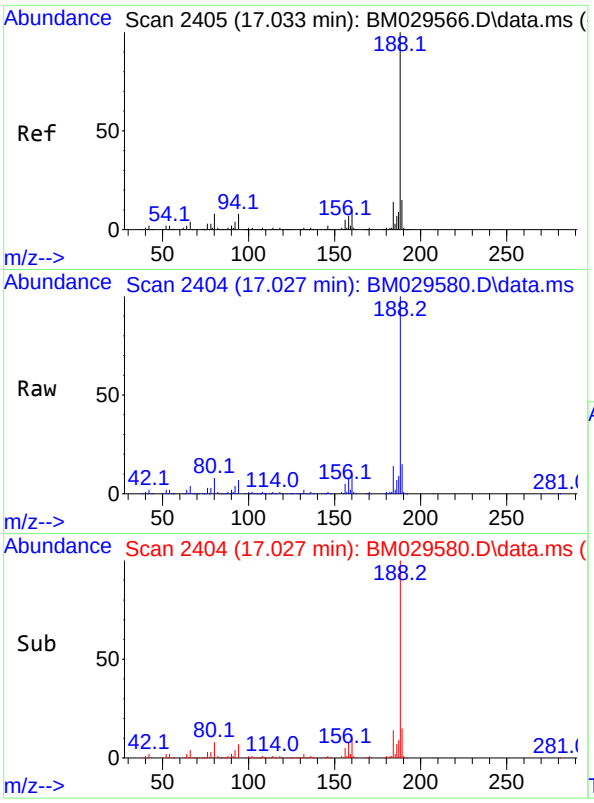
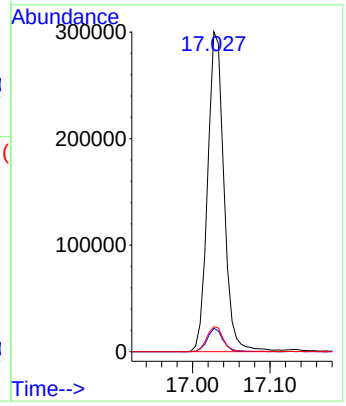
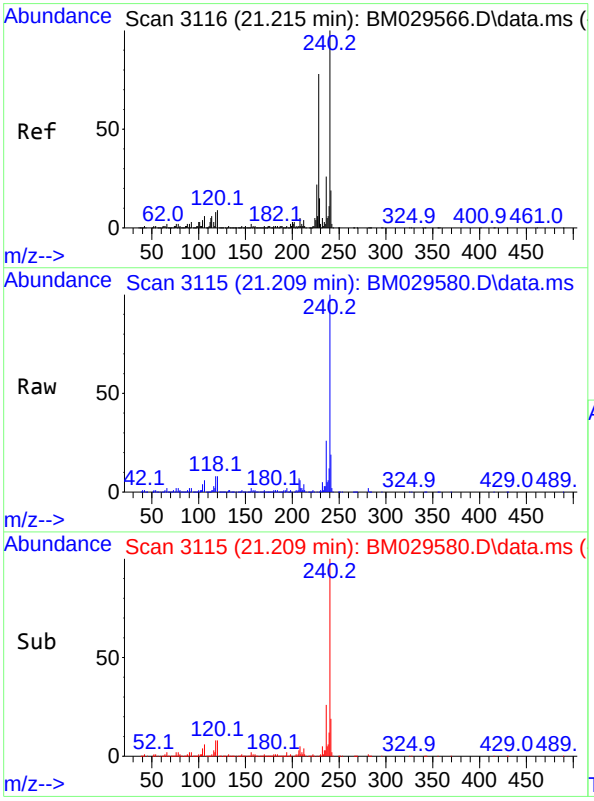


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.027 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

Tgt Ion:188 Resp: 439207

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.0	9.0
80	7.8	6.6	9.8

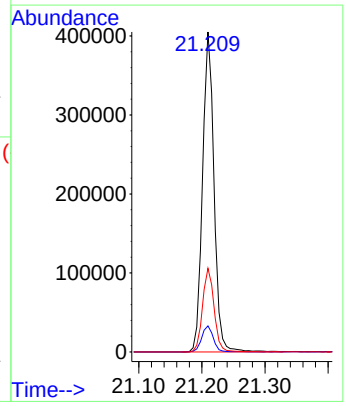




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

Tgt Ion:240 Resp: 509784

Ion	Ratio	Lower	Upper
240	100		
120	8.2	7.0	10.6
236	26.1	21.0	31.4



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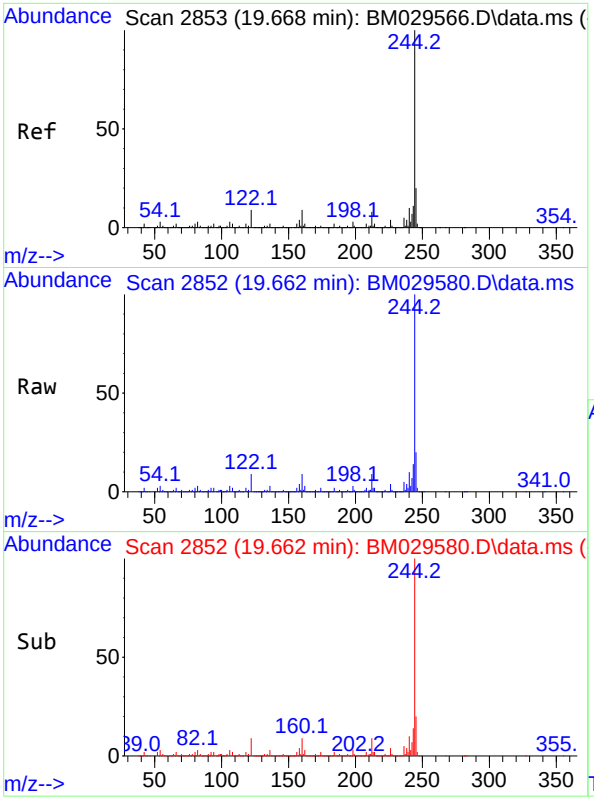
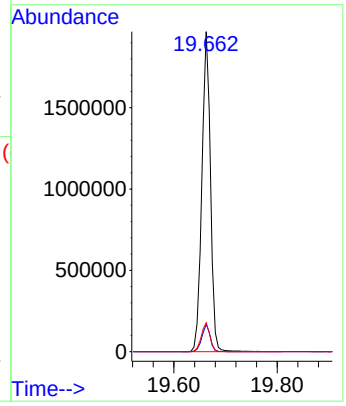
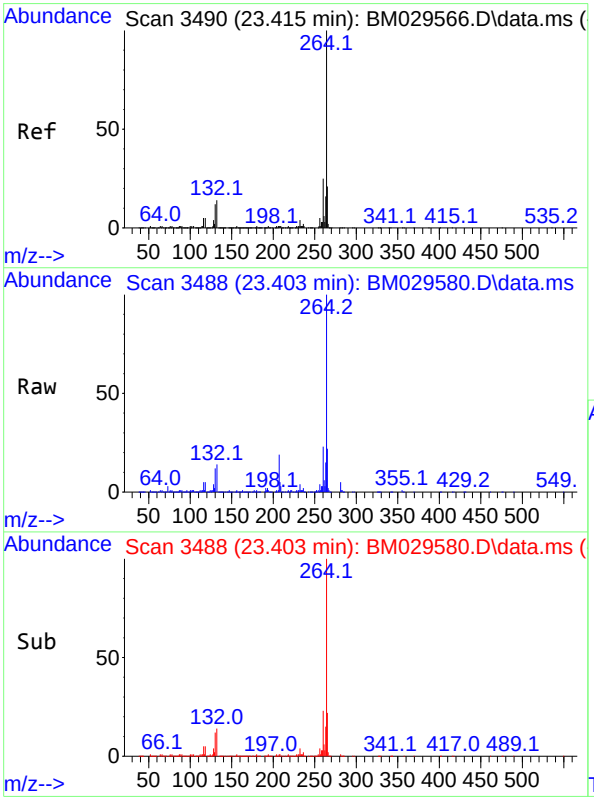


#79
Terphenyl-d14
Concen: 84.25 ng
RT: 19.662 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

Tgt Ion:244 Resp: 2265371

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.3	9.5
122	9.1	6.9	10.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.403 min Scan# 3488
Delta R.T. -0.012 min
Lab File: BM029580.D
Acq: 21 Apr 2021 23:37

Tgt Ion:264 Resp: 558565

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.8	29.8
265	22.1	17.7	26.5