Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081524\
Data File : BM047210.D
Acq On : 15 Aug 2024 11:31
Operator : RC/JU
Sample : PB162717BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB162717BL

Quant Time: Aug 15 19:47:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	275556	20.000	ng	-0.01
21) Naphthalene-d8	10.122	136	992678	20.000	ng	-0.01
39) Acenaphthene-d10	14.021	164	608749	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1179865	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1082659	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1267377	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	1814978	117.692	ng	0.00
7) Phenol-d6	6.581	99	2283485	107.461	ng	0.00
23) Nitrobenzene-d5	8.510	82	1517389	76.969	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	856179	121.297	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	3261665	82.648	ng	-0.01
79) Terphenyl-d14	19.456	244	4429118	87.660	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	838	Below Cal	#	42

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

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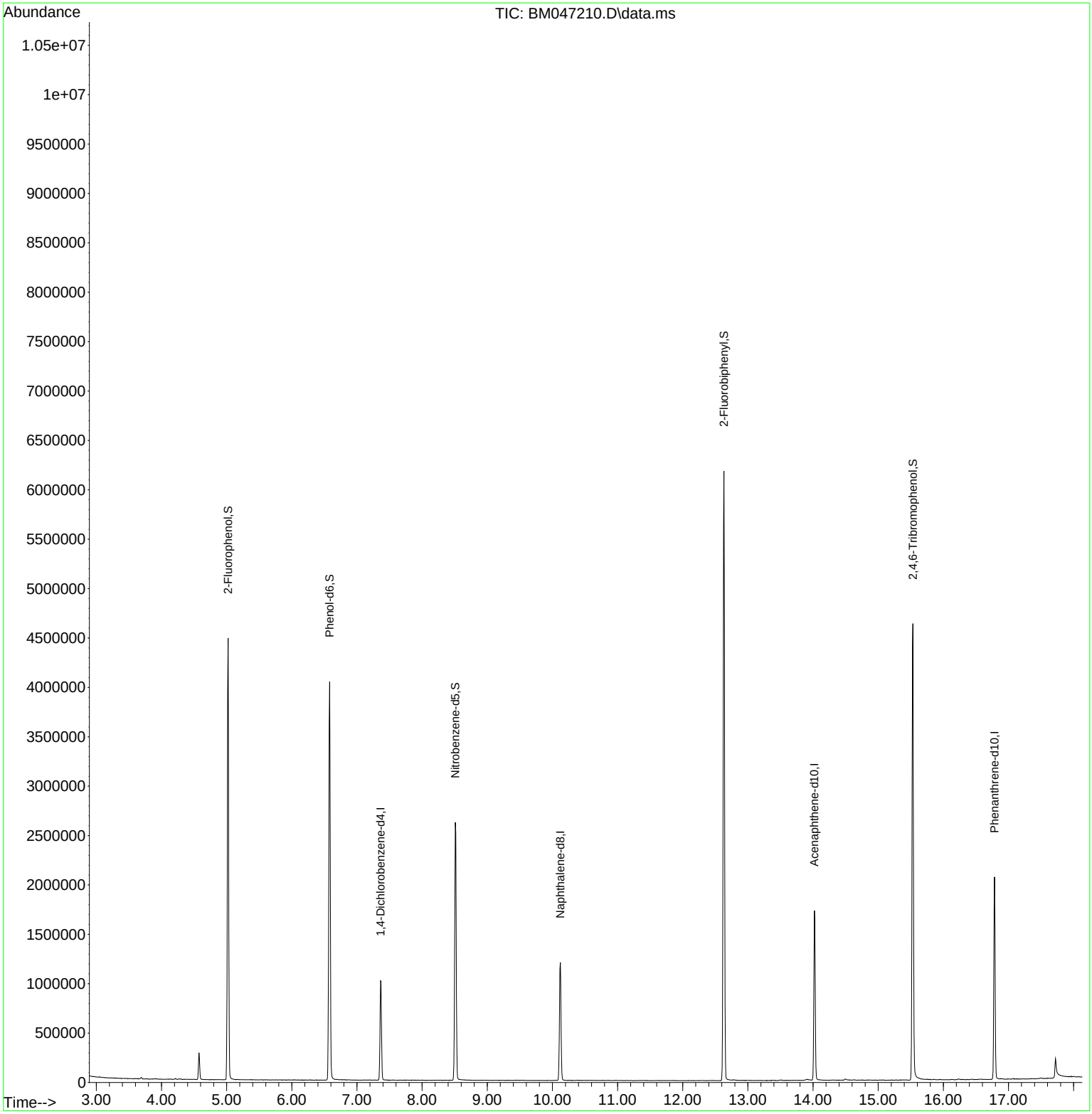

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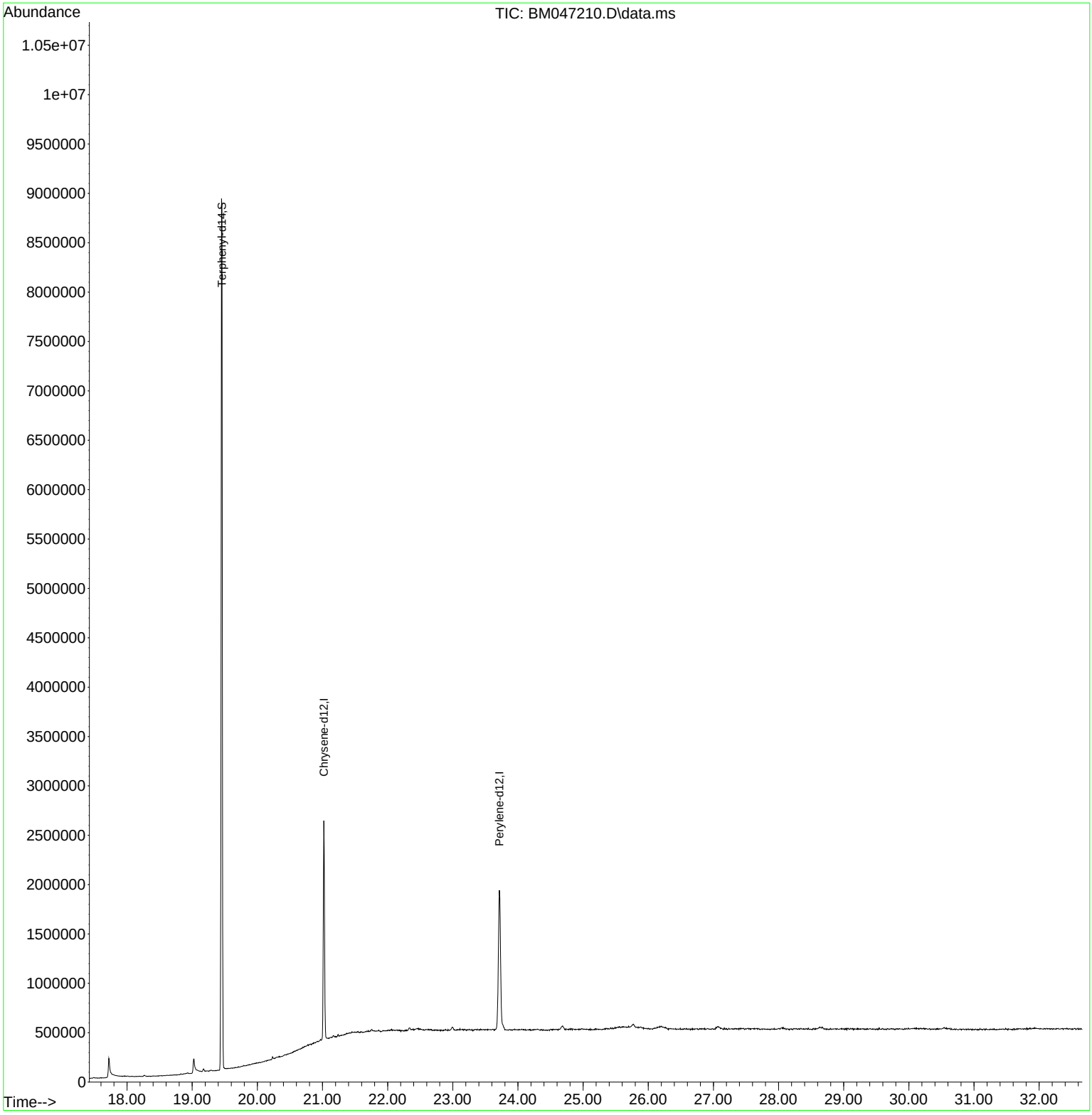
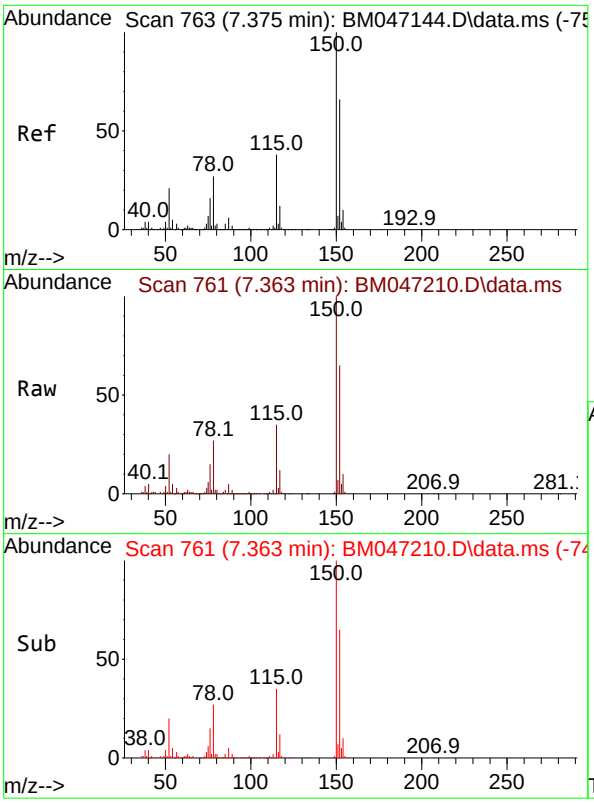


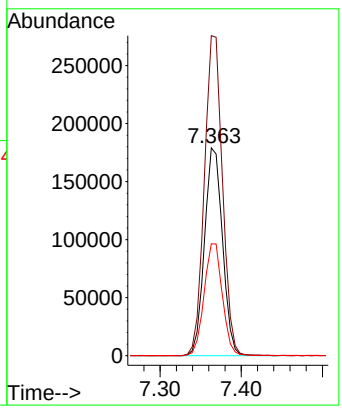


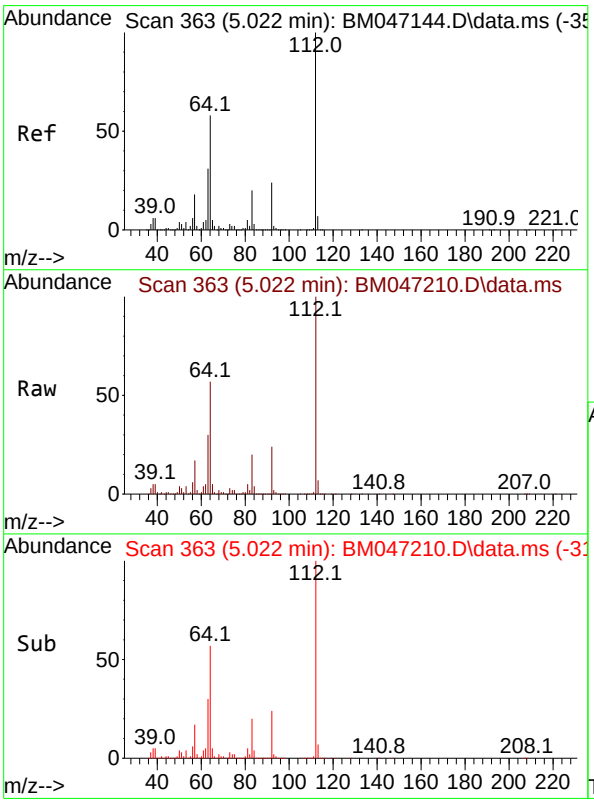
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 7(
Delta R.T. -0.012 min
Lab File: BM047210.D
Acq: 15 Aug 2024 11:31

Instrument :
BNA_M
ClientSampleId :
PB162717BL

Tgt Ion:152 Resp: 275556

Ion	Ratio	Lower	Upper
152	100		
150	154.0	120.5	180.7
115	53.8	45.5	68.3

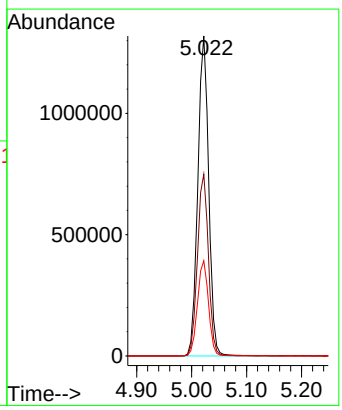


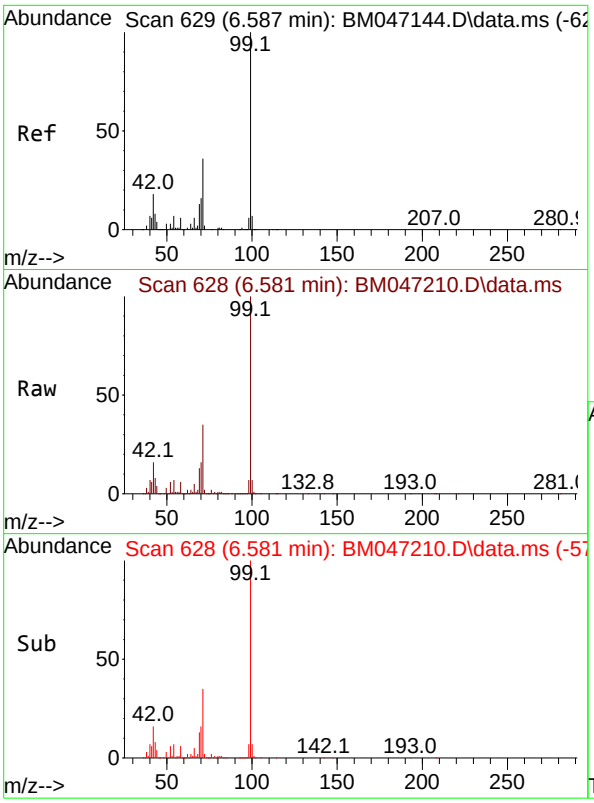


#5
2-Fluorophenol
Concen: 117.692 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047210.D
Acq: 15 Aug 2024 11:31

Tgt Ion:112 Resp: 1814978

Ion	Ratio	Lower	Upper
112	100		
64	56.8	46.7	70.1
63	29.7	24.8	37.2



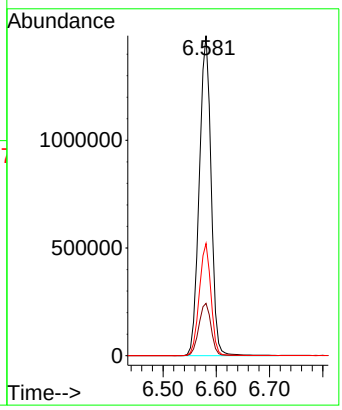


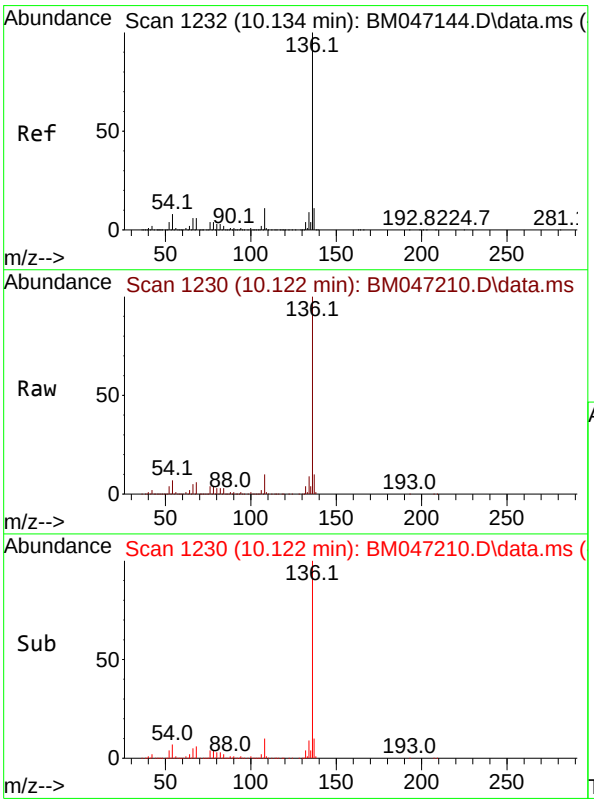
#7
Phenol-d6
Concen: 107.461 ng
RT: 6.581 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM047210.D
Acq: 15 Aug 2024 11:31

Instrument :
BNA_M
ClientSampleId :
PB162717BL

Tgt Ion: 99 Resp: 2283485

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.1	21.1
71	35.0	28.5	42.7

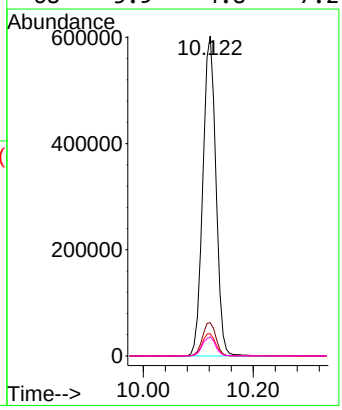


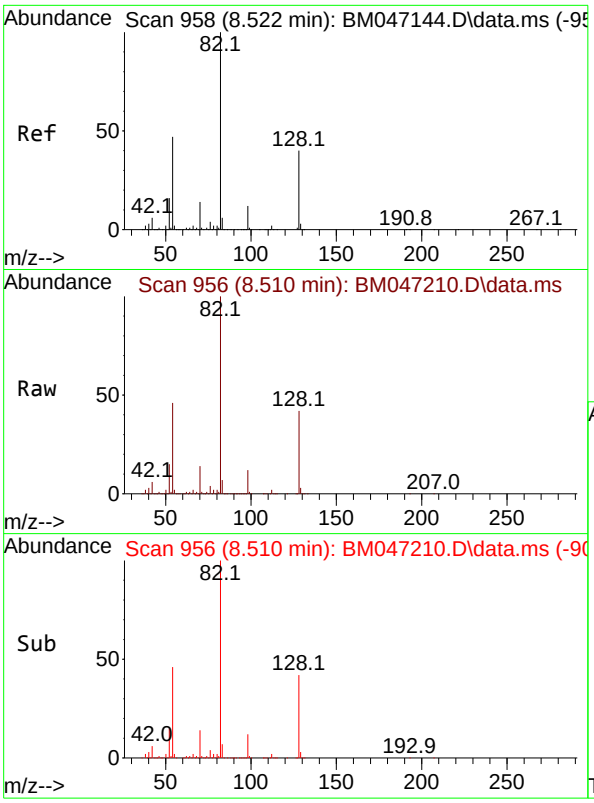


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BM047210.D
Acq: 15 Aug 2024 11:31

Tgt Ion:136 Resp: 992678

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.0	6.0	9.0
68	5.9	4.8	7.2



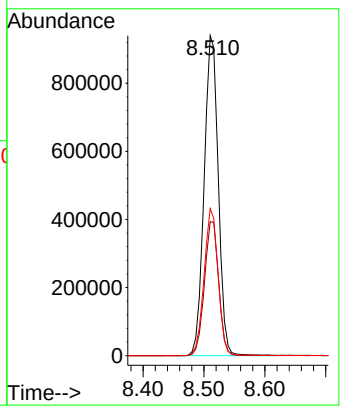


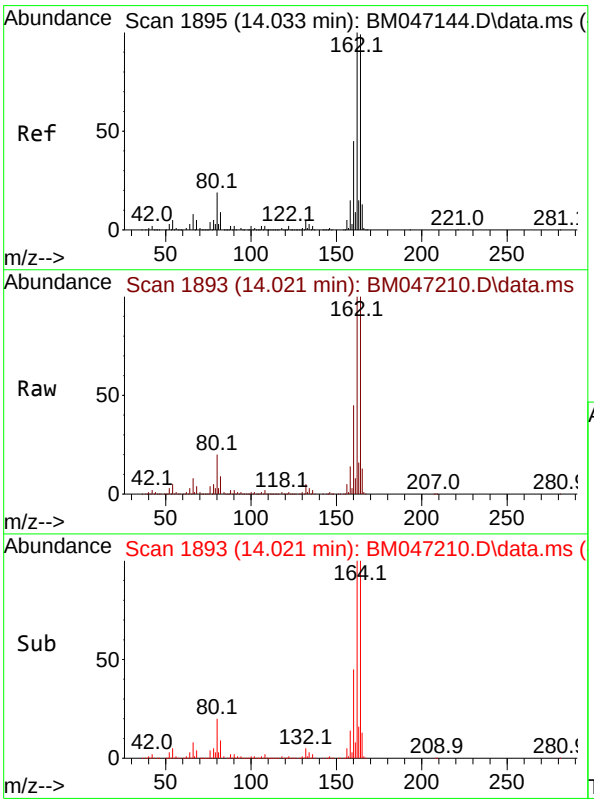
#23
Nitrobenzene-d5
Concen: 76.969 ng
RT: 8.510 min Scan# 9
Delta R.T. -0.012 min
Lab File: BM047210.D
Acq: 15 Aug 2024 11:31

Instrument :
BNA_M
ClientSampleId :
PB162717BL

Tgt Ion: 82 Resp: 1517389

Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.3	48.5
54	45.9	37.4	56.2

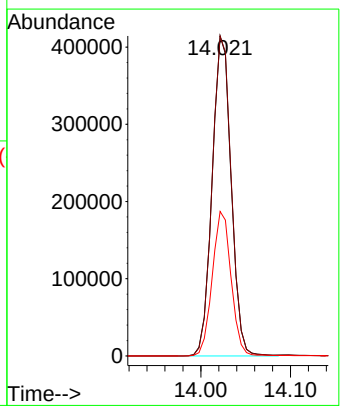


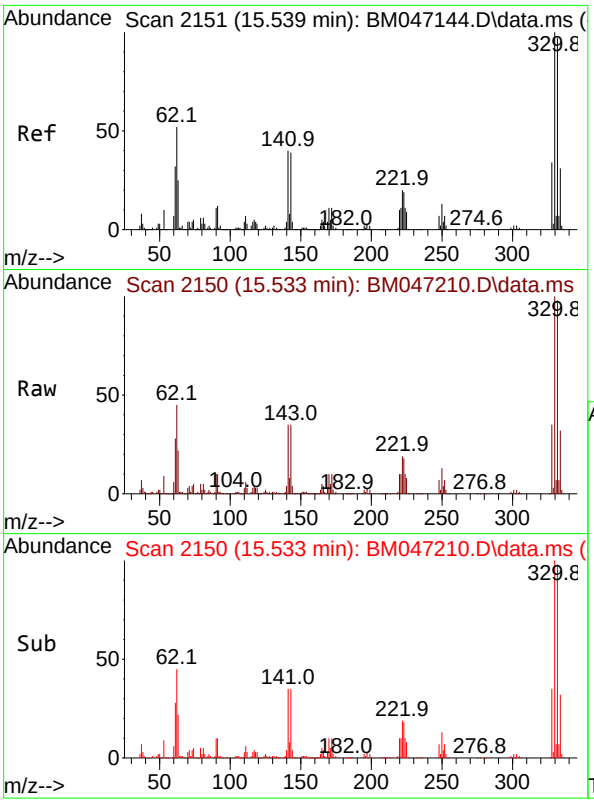


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.021 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047210.D
Acq: 15 Aug 2024 11:31

Tgt Ion:164 Resp: 608749

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.7	121.1
160	45.1	36.0	54.0



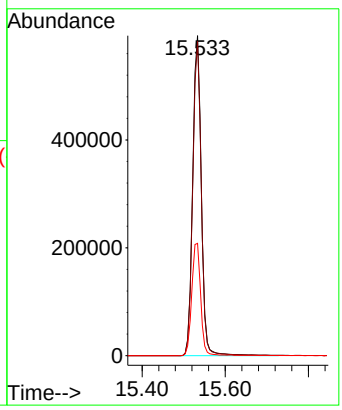


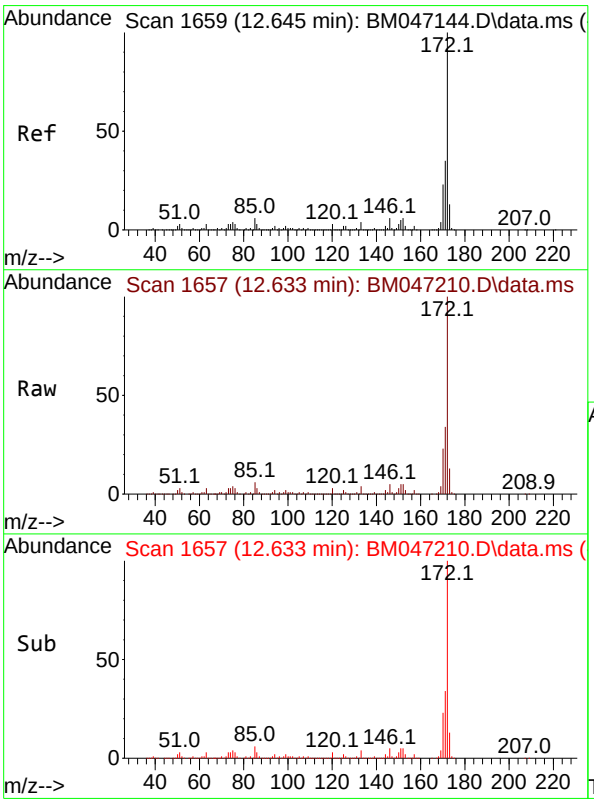
#42
2,4,6-Tribromophenol
Concen: 121.297 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047210.D
Acq: 15 Aug 2024 11:31

Instrument :
BNA_M
ClientSampleId :
PB162717BL

Tgt Ion:330 Resp: 856179

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	36.2	31.6	47.4

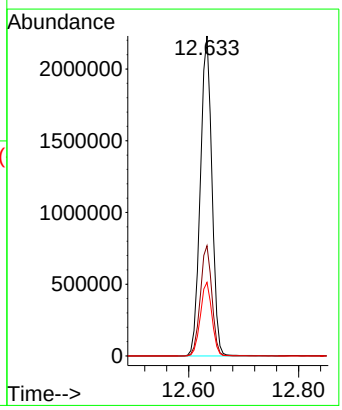


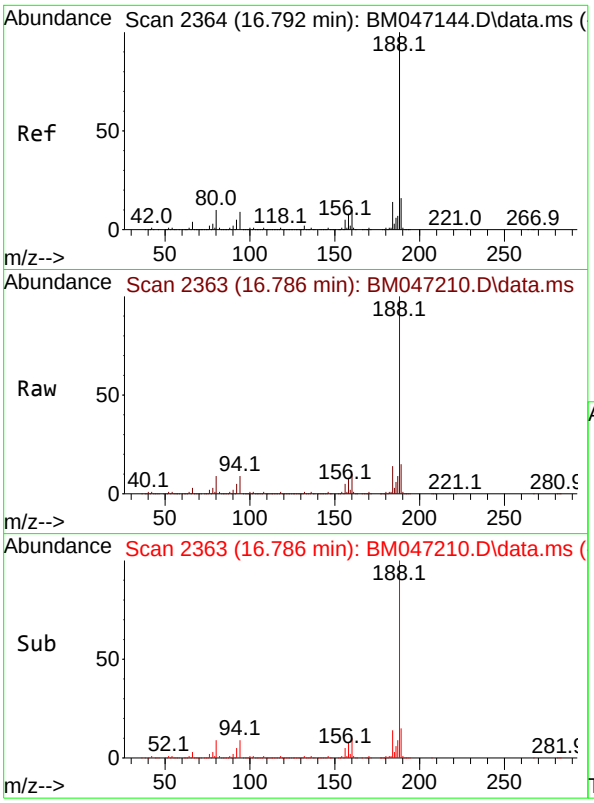


#45
2-Fluorobiphenyl
Concen: 82.648 ng
RT: 12.633 min Scan# 1657
Delta R.T. -0.012 min
Lab File: BM047210.D
Acq: 15 Aug 2024 11:31

Tgt Ion:172 Resp: 3261665

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.6
170	23.0	18.7	28.1



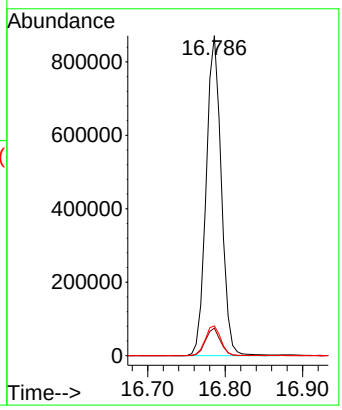


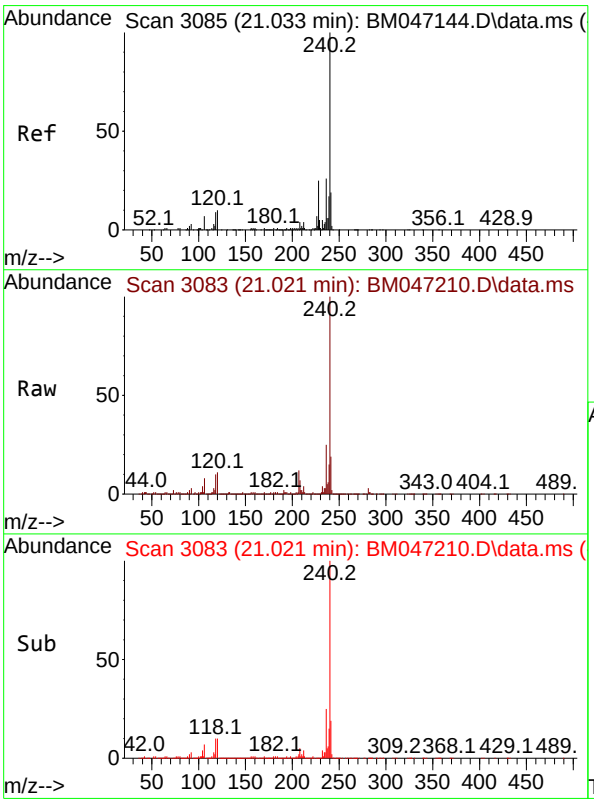
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047210.D
Acq: 15 Aug 2024 11:31

Instrument :
BNA_M
ClientSampleId :
PB162717BL

Tgt Ion:188 Resp: 1179865

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.0	10.6
80	9.3	8.0	12.0

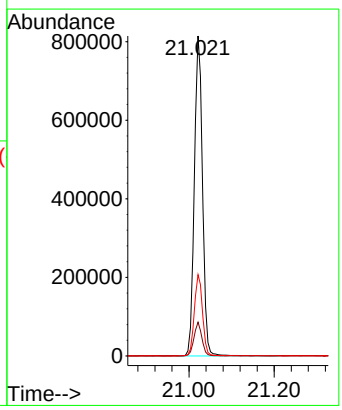


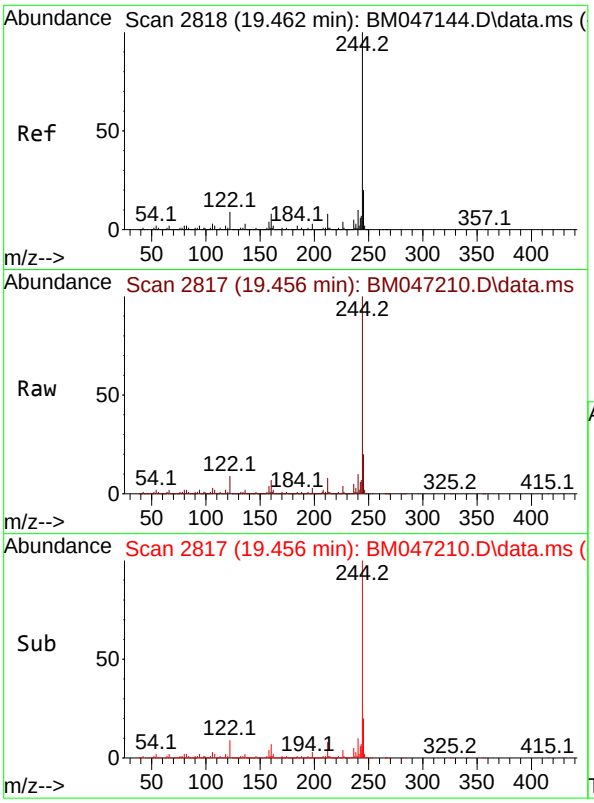


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM047210.D
Acq: 15 Aug 2024 11:31

Tgt Ion:240 Resp: 1082659

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.2	12.2
236	25.4	20.6	30.8



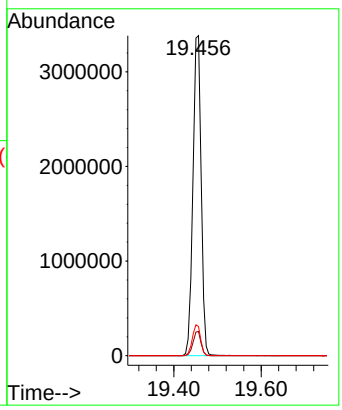


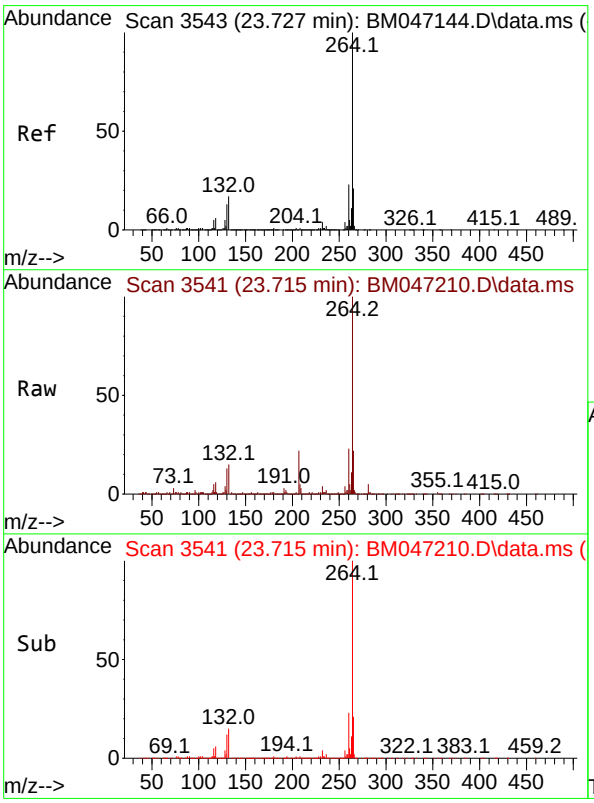
#79
Terphenyl-d14
Concen: 87.660 ng
RT: 19.456 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047210.D
Acq: 15 Aug 2024 11:31

Instrument :
BNA_M
ClientSampleId :
PB162717BL

Tgt Ion:244 Resp: 4429118

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.4
122	9.1	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.715 min Scan# 3541
Delta R.T. -0.012 min
Lab File: BM047210.D
Acq: 15 Aug 2024 11:31

Tgt Ion:264 Resp: 1267377

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.7	17.3	25.9